Overview of Error Messages

NX Nastran displays User Information, Warning, and Error messages in the printed output. The amount of information reported in a message is controlled by system cell 319. When 319=0, only message summaries are reported. When 319=1, the full messages are reported.
User messages typically indicate problems with the input file. Corrective action is often indicated in the message text. Refer to the NX Nastran Quick Reference Guide for proper input file formats.
Warning and information messages appear at various places in the output.
Fatal messages will cause the program to terminate. These messages will appear at the end of the output.
Operating system specific messages can appear in the NX Nastran output. The format of these messages will vary with the operating system. You should refer to your operating system manuals for interpretation of these messages.

Nastran Dmap Error Message List

1.0 *** USER FATAL MESSAGE %1 (%2)

2.0 *** USER WARNING MESSAGE %1 (%2)

3.0 *** USER INFORMATION MESSAGE %1 (%2)

4.0 *** SYSTEM FATAL MESSAGE %1 (%2)

5.0 *** SYSTEM WARNING MESSAGE %1 (%2)

6.0 *** SYSTEM INFORMATION MESSAGE %1 (%2)

7.0 *** USER FATAL MESSAGE 7 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
PARAMETER NO. %3 NEEDS PARAMETER NAME
User information:
The parameter is not in correct format.

7.1 *** USER WARNING MESSAGE 7 (XGPIDG)
POSSIBLE ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
PARAMETER NO. %3 NEEDS PARAMETER NAME

8.0 *** USER FATAL/WARNING MESSAGE 8 (XGPIDG)
BULK DATA PARAM CARD ERROR - MUST NOT DEFINE
PARAMETER NAMED %1.
User information:

In DMAP, the "N" in V,N %1 or in TYPE PARM,A,B,N means user cannot set the value of the parameter with name %1 on a PARAM entry. In DMAP, when defining a parameter, the "N" in V,N %1 means user cannot set the value of the parameter with name %1 on a PARAM entry in Bulk Data.

9.0 *** USER FATAL MESSAGE 9 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
VALUE NEEDED FOR PARAMETER NO. %3
User information:
The constant needs value in a DMAP instruction or on a PARAM entry. here is a parameter in the referenced DMAP instruction which must have a value assigned before the execution of the module.

9.1 *** USER WARNING MESSAGE 9 (XGPIDG)
POSSIBLE ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
VALUE NEEDED FOR PARAMETER NO. %3

10.0 *** USER FATAL MESSAGE 10 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
ILLEGAL INPUT DATA BLOCK SPECIFICATION.
User information:
Too many or too few inputs are specified in the input for the referenced module.

10.1 *** USER WARNING MESSAGE 10 (XGPIDG)
POSSIBLE ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
ILLEGAL INPUT DATA BLOCK SPECIFICATION.

11.0 *** USER FATAL MESSAGE 11 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
ILLEGAL OUTPUT DATA BLOCK SPECIFICATION.

11.1 *** USER WARNING MESSAGE 11 (XGPIDG)
POSSIBLE ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
ILLEGAL OUTPUT DATA BLOCK SPECIFICATION.

12.0 *** USER FATAL/WARNING MESSAGE 12 (XGPIDG)
ERROR IN DMAP INSTRUCTION NO. %1, ILLEGAL CHARACTER IN DMAP INSTRUCTION NAME.
User information:
The name of a module must be alpha-numeric characters, the first character being alphabetic. Special characters are not allowed.
For example DMAP names like "8MOD" or "SETI=2" are not allowed..

13.0 *** USER FATAL/WARNING MESSAGE 13 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
DMAP INSTRUCTION NOT IN MODULE LIBRARY.
User information:
The named DMAP refers to a non-existent module name.
Check spelling.

14.0 *** SYSTEM FATAL MESSAGE 14 (XGPIDG)
ARRAY NAMED %1 OVERFLOWED
System information:
See XGPI module description in MFD section of NX NASTRAN Programmer's Manual. The usual cause is insufficient open core. In other cases, it may be necessary to divide the DMAP sequence into subDMAPs.

14.1 *** SYSTEM FATAL MESSAGE 14 (XGPIDG)
ARRAY NAMED %1 OVERFLOWED
AT DMAP INSTRUCTION NO. %2.

15.0 *** USER FATAL MESSAGE 15 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
INCONSISTENT LENGTH USED FOR PARAMETER NAMED %3
User information:
This parameter was used in a previous DMAP instruction which gave it a different type.
See the NX NASTRAN DMAP Module Dictionary.

15.1 *** USER WARNING MESSAGE 15 (XGPIDG)
POSSIBLE ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
INCONSISTENT LENGTH USED FOR PARAMETER NAMED %3

16.0 *** USER FATAL MESSAGE 16 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
ILLEGAL FORMAT
User information:
Usually caused by early termination such as a LABEL statement without a NAME.

16.1 *** USER WARNING MESSAGE 16 (XGPIDG)
POSSIBLE ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
ILLEGAL FORMAT
User information:
Usually caused by early termination such as a LABEL statement without a NAME.

17.0 *** USER/SYSTEM FATAL/WARNING/INFORMATION MESSAGE 17 (EVLMSG)
SYMBOL "%1" IS UNDEFINED

18.0 *** USER FATAL MESSAGE 18 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
TOO MANY PARAMETERS IN DMAP PARAMETER LIST
User information:
Incorrect calling sequence for DMAP instruction. Compare the DMAP statement to the description in the NX NASTRAN DMAP Module Dictionary or the NX NASTRAN Programmer's Manual to find the error.

18.1 *** USER WARNING MESSAGE 18 (XGPIDG)
POSSIBLE ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2

TOO MANY PARAMETERS IN DMAP PARAMETER LIST
User information:
Incorrect calling sequence for DMAP instruction. Compare the DMAP statement to the description in the NX NASTRAN DMAP Module Dictionary or the NX NASTRAN Programmer's Manual to find the error.

19.0 *** USER FATAL/WARNING MESSAGE 19 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
LABEL NAMED %3 IS MULTIPLY DEFINED.
User information:
LABEL named appears in more than one place in DMAP program.

20.0 *** USER FATAL MESSAGE 20 (XGPIDG)
EXTRANEOUS 'ELSE' / 'ELSEIF' STATEMENT AT INSTRUCTION %1

22.0 *** USER FATAL MESSAGE 22 (CDBDP1)
DATABLOCK NAMED %1 MUST BE DEFINED PRIOR TO THIS INSTRUCTION
USER ACTION: CHECK FOR CORRECT SPELLING, OR MISSING TYPE STATEMENT, AND RERUN.
User information:
A common mistake is to forget that DMAP statements DMIIN and DTIIN are required to read DMI and DTI matrices, respectively.
Note that RF24D41 requires a DTIIN command.

22.1 *** USER FATAL MESSAGE 22 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
DATA BLOCK NAMED %3 MUST BE DEFINED PRIOR TO THIS INSTRUCTION

22.2 *** USER WARNING MESSAGE 22 (XGPIDG)
POSSIBLE ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
DATA BLOCK NAMED %3 MUST BE DEFINED PRIOR TO THIS INSTRUCTION

23.0 *** USER FATAL MESSAGE 23 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
DATA BLOCK NAMED %3 IS NOT REFERENCED IN SUBSEQUENT FUNCTIONAL MODULE

23.1 *** USER WARNING MESSAGE 23 (XGPIDG)
POSSIBLE ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
DATA BLOCK NAMED %3 IS NOT REFERENCED IN SUBSEQUENT FUNCTIONAL MODULE

24.0 *** SYSTEM FATAL/WARNING MESSAGE 24 (XGPIDG)
CANNOT FIND DATA BLOCK NAMED %1 ON DATA POOL TAPE
System information:
The contents of /XDPL/ do not match contents of Pool Tape.

25.0 *** USER FATAL MESSAGE 25 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2

PARAMETER NAMED %3 HAS AN INCONSISTENT USER AUTHORIZATION
User information:
Parameter is referenced in nonfunctional module, but is nowhere defined. An example is COND LBL,X where X is not a variable parameter in a module
before this statement.

25.1 *** USER WARNING MESSAGE 25 (XGPIDG)
POSSIBLE ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
PARAMETER NAMED %3 HAS AN INCONSISTENT USER AUTHORIZATION

26.0 *** USER FATAL MESSAGE 26 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
LABEL NAMED %3 NOT DEFINED
User information:
LABEL name does not appear in LABEL instruction. For example a COND,XXX
statement appears without a LABEL,XXX statement.

26.1 *** USER WARNING MESSAGE 26 (XGPIDG)
POSSIBLE ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
LABEL NAMED %3 NOT DEFINED
User information:
LABEL name does not appear in LABEL instruction. For example a COND,XXX
statement appears without a LABEL,XXX statement.

27.0 *** USER FATAL/WARNING MESSAGE 27 (XGPIDG)
LABEL NAMED %1 NOT REFERENCED
User information:
LABEL name appears only in a LABEL instruction. It is not necessary to reference a LABEL.

32.0 *** USER FATAL MESSAGE 32 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
DATA BLOCK NAMED %3 MUST BE DEFINED PRIOR TO THIS INSTRUCTION

32.1 *** USER WARNING MESSAGE 32 (XGPIDG)
POSSIBLE ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
DATA BLOCK NAMED %3 MUST BE DEFINED PRIOR TO THIS INSTRUCTION

34.0 *** SYSTEM FATAL/WARNING MESSAGE 34 (XGPIDG)
CANNOT TRANSLATE DMAP INSTRUCTION NO. %1
System information:
Error in subroutine XSCNDM.

36.0 *** SYSTEM FATAL/WARNING MESSAGE 36 (XGPIDG)
CANNOT FIND DATA BLOCK NAMED %1 ON OLD PROBLEM TAPE

37.0 *** USER FATAL MESSAGE 37 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
WARNING ONLY - MAY NOT BE ENOUGH FILES AVAILABLE FOR MODULE REQUIREMENTS
FILES NEEDED = %3 FILES AVAILABLE = %4

37.1 *** USER WARNING MESSAGE 37 (XGPIDG)
POSSIBLE ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
WARNING ONLY - MAY NOT BE ENOUGH FILES AVAILABLE FOR MODULE REQUIREMENTS
FILES NEEDED = %3 FILES AVAILABLE = %4

38.0 *** SYSTEM FATAL MESSAGE 38 (XGPIDG)
NOT ENOUGH CORE FOR GPI TABLES.
System information:
The user must break up DMAP program.

39.0 *** SYSTEM FATAL/WARNING MESSAGE 39 (XGPIDG)
RIGID FORMAT DMAP SEQUENCE DOES NOT CORRESPOND TO MED TABLE
System information:
The MED Table must have the same number of entries as there are DMAP instructions in DMAP sequence. Can be caused by having more than one END DMAP statement.

40.0 *** USER FATAL/WARNING MESSAGE 40 (XGPIDG)
ERROR IN ALTER DECK - CANNOT FIND END OF DMAP INSTRUCTION
User information:
The user should check the ALTER part of the Executive Control Section.

41.0 *** SYSTEM FATAL/WARNING MESSAGE 41 (XGPIDG)
TABLES INCORRECT FOR REGENERATING DATA BLOCK %1
System information:
File Name Table and MED Table used by routine XFLDEF are wrong. The user can compensate by altering OUT and IN module(s) which regenerate the data block.

42.0 *** USER FATAL MESSAGE 42 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
PARAMETER NAMED %3 ALREADY HAD VALUE ASSIGNED PREVIOUSLY

42.1 *** USER WARNING MESSAGE 42 (XGPIDG)
POSSIBLE ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
PARAMETER NAMED %3 ALREADY HAD VALUE ASSIGNED PREVIOUSLY
User information:
A DMAP instruction is attempting to assign a default value to a parameter that appears in a previous instruction which assigned it a value.

43.0 *** USER/SYSTEM FATAL/WARNING/INFORMATION MESSAGE 43 (EVLMSG)
"%1" IS INVALID

45.0 *** USER FATAL MESSAGE 45 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
DATA BLOCK NAMED %3 ALREADY APPEARED AS OUTPUT OR WAS USED AS INPUT BEFORE BEING DEFINED

45.1 *** USER WARNING MESSAGE 45 (XGPIDG)
POSSIBLE ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
DATA BLOCK NAMED %3 ALREADY APPEARED AS OUTPUT OR WAS USED AS INPUT BEFORE BEING DEFINED

46.0 *** USER FATAL/WARNING MESSAGE 46 (XGPIDG)
INCORRECT REENTRY POINT

47.0 *** USER FATAL MESSAGE 47 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
THIS INSTRUCTION CANNOT BE FIRST INSTRUCTION OF LOOP

47.1 *** USER WARNING MESSAGE 47 (XGPIDG)
POSSIBLE ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
THIS INSTRUCTION CANNOT BE FIRST INSTRUCTION OF LOOP

48.0 *** USER FATAL MESSAGE 48 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
DATA SET %3 IS ALWAYS REGENERATED, THEREFORE IT WILL NOT BE CHECKPOINTED

48.1 *** USER WARNING MESSAGE 48 (XGPIDG)
POSSIBLE ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
DATA SET %3 IS ALWAYS REGENERATED, THEREFORE IT WILL NOT BE CHECKPOINTED

49.0 *** SYSTEM FATAL/WARNING MESSAGE 49 (XGPIDG)
MPL TABLE (MODULE PROPERTIES LIST) IS INCORRECT
System information:
The error is in common block /XGP12/.

49.1 *** SYSTEM FATAL/WARNING MESSAGE 49 (XGPIDG)
MPL TABLE (MODULE PROPERTIES LIST) IS INCORRECT
DECIMAL LOCATION RELATIVE TO MPL(1) = %1,MODULE NAME = %2

50.0 *** SYSTEM FATAL/WARNING MESSAGE 50 (XGPIDG)
CANNOT FIND JUMP OSCAR ENTRY NEEDED FOR THIS RESTART

51.0 *** SYSTEM FATAL MESSAGE 51 (XGPIBS)
NOT ENOUGH OPEN CORE FOR XGPIBS ROUTINE
System information:
Additional core memory is required to compile DMAP or rigid format.

52.0 *** SYSTEM FATAL MESSAGE 52 (XGPIDG)

NAMED COMMON /XLINK/ IS TOO SMALL
System information:
There must be one word in LINK table for every entry in MPL.

53.0 *** USER FATAL MESSAGE 53 (XGPIDG)
INCORRECT FORMAT IN ABOVE CARD
User information:
The link specification updated data (DIAG 28, 29, 30) is incorrect.

55.0 *** USER FATAL MESSAGE 55 (XGPIDG)
THE "SUBDMAP" KEYWORD CAN BE USED ONLY ONCE PER SUBDMAP
User information:
Check your DMAP to be sure that each subDMAP has only one "SUBDMAP"
statement and also that each one has an "END" statement.

57.0 *** SYSTEM FATAL MESSAGE 57 (XGPI)
DUPLICATE MPL NAME ENCOUNTERED. NAME = %1

58.0 *** SYSTEM FATAL MESSAGE 58 (CSPACE)
THE OSCAR REGION OF OPEN CORE IS INSUFFICIENT FOR DMAP CODE EXPANSION
PROGRAMMER INFORMATION: LOSCAR = %1

59.0 *** USER FATAL MESSAGE 59 (CIFTHN)
ENDIF AT DMAP STATEMENT # %1 IS MISSING AN IF THEN STATEMENT

60.0 *** USER FATAL MESSAGE 60 (CIFTHN)
IF THEN AT DMAP STATEMENT # %1 IS MISSING AN ENDIF STATEMENT

61.0 *** USER FATAL MESSAGE 61 (CIFTHN)
AN EXTRA "ELSE" STATEMENT EXISTS AT DMAP STATEMENT %1

63.0 *** USER FATAL MESSAGE 63 (CBRNCH)
%1 AT DMAP NO. %2 IS ILLEGALLY BRANCHING INTO OR OVERLAPS AN "IF THEN", "DO WHILE", OR "REPT"

64.0 *** USER FATAL MESSAGE 64 (CBRNCH)
ATTEMPT TO JUMP BACKWARDS AT DMAP STATEMENT %1

65.0 *** USER FATAL MESSAGE 65 (CDOWCH)
NO MATCHING DO WHILE FOR ENDDO AT DMAP STATEMENT %1

66.0 *** USER FATAL MESSAGE 66 (CDOWCH)
INSUFFICIENT CORE AVAILABLE FOR DO WHILE PROCESSING IN DMAP COMPILER

67.0 *** USER FATAL MESSAGE 67 (CSYNTX)
DMAP STRUCTURE HAS MISMATCHED NUMBER OF IF THEN AND ENDIF STATEMENTS

68.0 *** USER FATAL MESSAGE 68 (CSYNTX,CDOWHC)

THE NUMBER OF %1 STATEMENTS IS LESS THEN THE NUMBER OF %2 STATEMENTS.

69.0 *** USER FATAL MESSAGE 69 (CGPIB)
SUBDMAP STATEMENT PARAMETER %1 NOT DEFINED

70.0 *** USER WARNING MESSAGE 70 (CGPIB)
TYPE STATEMENT PARAMETER %1 NOT IN VPS TABLE
MUST BE A CODE LOGIC ERROR FOR THIS TO HAPPEN

71.0 *** USER FATAL MESSAGE 71 (CDOWHI)
SYNTAX ERROR IN ABOVE DO WHILE STATEMENT

72.0 *** USER FATAL MESSAGE 72 (CCALL,CMESAG,CPARM2)
PARAMETER SYNTAX ERROR IN ABOVE STATEMENT.
PARAMETER IS %1 --- ERROR CODE = %2
User information:
If the value of a parameter is allowed to change in the called subDMAP, then it must be specified as S,XXXXX, where XXXXX is the parameter name.
If it is specified as S,N,XXXXX, then error code 2 will occur pointing to a parameter named N.
If a parameter field is left blank on a CALL subDMAP statement, then error code 2 will be improperly issued pointing to the last parameter in the command preceding the blank field. The correction for this is to place either a parameter name or value in the blank field.

73.0 *** USER FATAL MESSAGE 73 (CCALL,CMESAG,CPARM2)
THE PARAMETER NAMED %1 IS UNDEFINED

74.0 *** USER FATAL MESSAGE 74 (CPARM2)
PARAMETER SYNTAX ERROR IN ABOVE STATEMENT IN PARAMETER POSITION NUMBER %1

75.0 *** USER FATAL MESSAGE 75 (CIFTHN)
ELSE AT DMAP STATEMENT # %1 APPEARS BEFORE AN ELSE IF THEN STATEMENT

76.0 *** SYSTEM FATAL MESSAGE 76 ( )
A PROGRAM INTERNAL LIMIT RELATING TO CALL STATEMENTS HAS BEEN EXCEEDED.
USER INFORMATION: THIS LIMIT DEPENDS ON THE TOTAL NUMBER OF ARGUMENTS SPECIFIED ON ALL THE CALL STATEMENTS
BEEN COMPILED IN THIS RUN.
USER ACTION: REDUCE THE NUMBER OF CALL STATEMENTS OR THE NUMBER OF ARGUMENTS ON THE CALL STATEMENTS.
PROGRAMMER ACTION: INCREASE THE SIZE OF VARIABLE MAXCAL AND ARRAY CALLS OF COMMON BLOCK CCALL1.

81.0 *** USER WARNING MESSAGE 81 (CFLORD)
DATABLOCK %1 IS DECLARED APPEND ON A FILE STATEMENT

AND IS ALSO SPECIFIED AS OUTPUT ON AN EQUIV OR EQUIVX STATEMENT AT STATEMENT NO.%2.
USER INFORMATION: THIS MAY LEAD TO UNPREDICTABLE AND/OR ERRONEOUS RESULTS.
SEE THE EQUIVX MODULE DESCRIPTION IN THE NX NASTRAN DMAP MODULE dICTIONARY.

100.0 *** USER FATAL MESSAGE 100 (NDDL)
THE ABOVE CARD HAS AN INCORRECT FORMAT.
ERROR CODE= %1

101.0 *** SYSTEM FATAL MESSAGE 101 (NDDL)
INCORE LIST OF DEPENDENCY CARDS HAS OVERFLOWED AVAILABLE OPEN CORE SPACE
--AVAILABLE OPEN CORE WORDS IS %1
INCORE LIST OF DEPENDENCY CARDS HAS OVERFLOWED AVAILABLE OPEN CORE SPACE
--AVAILABLE OPEN CORE WORDS IS %2
--12 WORDS ARE NEEDED FOR EACH DEPENDENCY CARD IN NDDL

102.0 *** SYTEM FATAL MESSAGE 102 (NDDL)
INSUFFICIENT STORAGE SPACE FOR NDDL DEFINED QUALIFIERS -- NUMBER OF QUALIFIERS CURRENTLY LIMITED TO %1

103.0 *** USER FATAL MESSAGE 103 (NDDL)
INSUFFICIENT OPEN CORE TO HOLD NDDL DATA BLOCK DESCRIPTION FOR %1
--AVAILABLE OPEN CORE WORDS IS %2

104.0 *** USER FATAL MESSAGE 104 (NDDL)
INSUFFICIENT STORAGE SPACE FOR NDDL PATH CARDS
--STORAGE SPACE LIMITED TO %1 PATH CARDS

105.0 *** USER FATAL MESSAGE 105 (NDDL)
'PATH=' KEYWORD NOT FOUND ON NDDL DATA BLOCK STATEMENT FOR %1

106.0 *** USER FATAL MESSAGE 106 (NDDL)
NDDL PATH NAME = %1 ON DATA BLOCK STATEMENT FOR %2 HAS NOT BEEN DEFINED

107.0 *** USER FATAL MESSAGE 107 (NDDL)
INSUFFICIENT OPEN CORE SPACE FOR NDDL PARAMETER CARD TABLE
--AVAILABLE OPEN CORE IN WORDS IS %1
--EACH PARAMETER REQUIRES 9 WORDS OF THIS STORAGE SPACE

108.0 *** USER FATAL MESSAGE 108 (NDDL)
NDDL PATH NAME = %1 ON DATA BLOCK STATEMENT FOR %2 HAS NOT BEEN DEFINED

109.0 *** USER FATAL MESSAGE 109 (NDDL)
NO NDDL DEPENDENCY CARDS FOUND

110.0 *** USER FATAL MESSAGE 110 (NDDL)
A QUALIFIER NAMED %1 USED ON A PATH CARD HAS NOT BEEN DEFINED

111.0 *** USER FATAL MESSAGE 111 (NDDL)
INSUFFICIENT STORAGE SPACE FOR NDDL PATH CARDS
PROGRAMMER ACTION: INCREASE ARRAY PATHTB AND MAXDB
USER ACTION: DECREASE NUMBER OF PATHS AND/OR NUMBER OF QUALIFIERS ON PATH CARDS.
STORAGE SPACE LIMITED TO %1 WORDS. EACH PATH REQUIRES ((2 * #QUALIFIERS) +1) WORDS.

112.0 *** SYSTEM FATAL MESSAGE 112 (NDDL)
THE PVA TABLE EXCEEDS THE MAXIMUM ALLOWABLE SIZE OF %1.
PROGRAMMER ACTION: INCREASE THE SIZE OF PVATB ARRAY.

113.0 *** USER FATAL MESSAGE 113 (NDDL)
INVALID LOGICAL ASSIGNMENT ATTEMPTED IN NDDL DESCRIPTION

114.0 *** USER FATAL MESSAGE 114 (NDDL)
INVALID ASSIGNMENT OF TRUE OR FALSE ATTEMPTED IN NDDL DESCRIPTION

115.0 *** USER FATAL MESSAGE 115 (NDDL)
THE DATA BLOCK DESCRIPTION FOR %1 IS MISSING THE 'LOCATION= KEYWORD

116.0 *** USER FATAL MESSAGE 116 (NDDL)
LOCATION PARAMETER= %1 IS UNDEFINED FOR PARAMETER= %2

116.1 *** USER FATAL MESSAGE 116 (NDDL)
LOCATION PARAMETER= %1 IS UNDEFINED FOR DATA BLOCK= %2

117.0 *** SYSTEM FATAL MESSAGE 117 (NDDL)
THE PATH VALUE TABLE HAS OVERFLOWED.
THE NUMBER OF PATHS IN THIS NDDL EXCEEDS THE MAXIMUM ALLOWED
USER INFORMATION: MAXIMUM NUMBER OF PATHS ALLOWED = %1
PROGRAMMER ACTION: INCREASE THE SIZE OF THE PVATB ARRAY

118.0 *** SYSTEM FATAL MESSAGE 118 (NDDL)
THE NDDL TABLES INITIALIZED BY SUBROUTINE XCSA ARE BAD.
CHECK THE RECORD AND OPTIONS OF OPENS (I.E. WRT, WRTREW)

119.0 *** USER FATAL MESSAGE 119 (NDDL)

THE LIMIT ON THE NUMBER OF NDDL PARAMETERS HAS BEEN EXCEEDED.
USER INFORMATION: THE CURRENT LIMIT IS = %1

120.0 *** USER INFORMATION MESSAGE 120 (NDDL)
*** ERROR IN DATA BLOCK %1

121.0 *** USER INFORMATION MESSAGE 121 (NDDL)
*** ERROR IN DATA BLOCK %1 - RECORD %2
*** YOU MAY NOT SPECIFY TYPE=%3 FOR AN ARRAY

121.1 *** USER INFORMATION MESSAGE 121 (NDDL)
*** ERROR IN DATA BLOCK %1 - RECORD %2

122.0 *** USER FATAL MESSAGE 122 (NDDL)
IN DATABLK %1 A RECORD DESCRIPTION WITH SAMEAS,%2 IS NOT SPECIFIED BELOW
THE DESCRIPTION OF RECORD=%3.
USER ACTION: SPECIFY THE DESCRIPTION OF RECORD=%4 ABOVE ALL OF ITS SAMEAS REFERENCES.

141.0 *** USER WARNING MESSAGE 141 (LINKND)
NDDL 'PARAMETER' DEFINITION TABLE NOT FOUND
User information:
Insert ACQUIRE NDDL or ACQUIRE NDDLOLD in FMS.

142.0 *** USER WARNING MESSAGE 142 (LINKND)
NDDL 'QUALIFIER' DEFINITION TABLE NOT FOUND
User information:
Insert ACQUIRE NDDL or ACQUIRE NDDLOLD in FMS.

143.0 *** USER WARNING MESSAGE 143 (LINKND)
NDDL 'DATABLOCK' DEFINITION TABLE NOT FOUND
User information:
Insert ACQUIRE NDDL or ACQUIRE NDDLOLD in FMS.

144.0 *** USER FATAL MESSAGE 144 (LINKSB)
SUBDMAP %1 (CALLED BY SUBDMAP %2) IS NOT IN THE DATA BASE
User information:
A "CALL" statement refers to an undefined subDMAP. Check the format on the offending "CALL" statement.

145.0 *** USER WARNING MESSAGE 145 (LINKSB)
SUBDMAP %1 (CALLED BY SUBDMAP - %2) DOES NOT HAVE CORRECT NUMBER OF WORDS IN FIRST RECORD.
IT MUST NOT BE AN OSCAR FILE
USER ACTION: SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
DUMP OF BAD FIRST RECORD:
%3
%4

%5

146.0 *** USER WARNING MESSAGE 146 (LINKTP)
A 'TYPE' STATEMENT DEFINES A DATABLOCK %1 IN SUBDMAP %2 WHICH IS NOT DEFINED IN THE 'NDDL'
USER INFORMATION:
THIS ERROR MAY BE ISSUED IN THE FOLLOWING CIRCUMSTANCES:
1. THE TYPE STATEMENT REFERENCES AN ITEM WHICH HAS NOT BEEN DEFINED
IN THE NDDL.
2. THE NDDL STORED IN THE USER'S MASTER DBSET IS INCONSISTENT WITH
THE NDDL AND DMAP STORED IN THE DELIVERY DATABASE; FOR EXAMPLE,
A DATABASE CREATED IN VERSION 66 OR 66A IS BEING USED IN A
VERSION 67 RUN.
ANOTHER EXAMPLE OF WHEN THIS ERROR WILL OCCUR IS WHEN A USER IS ACCIDENTALLY
ATTACHING TO AN OLD DATABASE, BECAUSE HE HAS RUN MULTIPLE JOBS WITH
THE SAME INPUT FILENAME, AND HE HAS ALSO CHANGED FROM A USS TO SSS
SOLUTION SEQUENCE OR VICE-VERSA. (E.G., SOL 24 TO SOL 101).

147.0 *** USER WARNING MESSAGE 147 (LINKTP)
A 'TYPE' STATEMENT DEFINES A QUALIFIER/PARAMETER %1 IN SUBDMAP %2 WHICH IS NOT DEFINED IN THE 'NDDL'
USER INFORMATION:
THIS ERROR MAY BE ISSUED IN THE FOLLOWING CIRCUMSTANCES:
1. THE TYPE STATEMENT REFERENCES AN ITEM WHICH HAS NOT BEEN DEFINED
IN THE NDDL.
2. THE NDDL STORED IN THE USER'S MASTER DBSET IS INCONSISTENT WITH
THE NDDL AND DMAP STORED IN THE DELIVERY DATABASE; FOR EXAMPLE,
A DATABASE CREATED IN VERSION 66 OR 66A IS BEING USED IN A
VERSION 67 RUN.
ANOTHER EXAMPLE OF WHEN THIS ERROR WILL OCCUR IS WHEN A USER IS ACCIDENTALLY
ATTACHING TO AN OLD DATABASE, BECAUSE HE HAS RUN MULTIPLE JOBS WITH
THE SAME INPUT FILENAME, AND HE HAS ALSO CHANGED FROM

A USS TO SSS
SOLUTION SEQUENCE OR VICE-VERSA. (E.G., SOL 24 TO SOL 101).

148.0 *** USER WARNING MESSAGE 148 (LINKTP)
A 'TYPE' STATEMENT DEFINES A QUALIFIER/PARAMETER %1 IN SUBDMAP %2 WHICH DOES NOT MATCH THE VARIABLE TYPE IN THE 'NDDL'
User information:
1. The TYPE statement references an item which has not been defined in the NDDL.
2. The NDDL stored in the user's MASTER dbset is inconsistent with the NDDL and DMAP stored in the delivery database; for example, a database created in Version 66 or 66A is being used in a Version 67 run.
Another example of when this error will occur is when a user is accidentally attaching to an old database, because he has run multiple jobs with the same input filename, and he has also changed from a USS to SSS solution sequence or vice-versa. (e.g., SOL 24 to SOL 101).

149.0 *** USER WARNING MESSAGE 149 (LINKAR)
CALL STATEMENT %1 IN SUBDMAP %2 HAS AN ARGUMENT LIST OF DIFFERENT LENGTH THAN THE CALLED SUBDMAP
User information:
The run can fail in an unpredictable manner. Make sure that the number of arguments in the subDMAP CALL match the number of arguments in the subDMAP.

150.0 *** USER WARNING MESSAGE 150 (LINKAR)
SUBDMAP %1 CALLED BY SUBDMAP %2 CANNOT BE FOUND IN DATA BASE.

151.0 *** USER WARNING MESSAGE 151 (LINKAR)
CALL STATEMENT %1 IN SUBDMAP %2 HAS A PARAMETER THAT DOES NOT MATCH CALLED SUBDMAP IN AUTHORIZATION CODE.
USER INFORMATION:
PARAMETER IS NUMBER %3
AUTHORIZATION CODE IS : %4
AUTHORIZATION CODE SHOULD BE: %5

151.1 *** USER WARNING MESSAGE 151 (LINKAR)
CALL STATEMENT %1 IN SUBDMAP %2 HAS A PARAMETER THAT DOES NOT MATCH CALLED SUBDMAP IN TYPE AND/OR LENGTH
USER INFORMATION:
PARAMETER IS NUMBER %3
TYPE IS : %4
TYPE SHOULD BE : %5
(0-UNDEFINED, 1-INTEGER, 2-REAL S.P., 3-BCD, 4-REAL D.P., 5-COMPLEX S.P., ,6-COMPLEX D.P., 7-LOGICAL)
LENGTH IS : %6
LENGTH SHOULD BE : %7

152.0 *** USER WARNING MESSAGE 152 (LWRTBK)
SUBDMAP %1 CANNOT BE FOUND IN DATA BASE, ---- MUST BE CODE LOGIC ERROR.
USER ACTION: SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

153.0 *** USER WARNING MESSAGE 153 (LWRTBK)
END-OF-FILE HIT WHILE READING SUBDMAP %1 ---MUST BE CODE LOGIC ERROR.
USER ACTION: SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

154.0 *** USER WARNING MESSAGE 154 (LINKTP)
A 'TYPE' STATEMENT DEFINES A VARIABLE %1 IN SUBDMAP %2 WHICH IS DEFINED AS BOTH A QUALIFIER AND A PARAMETER IN THE 'NDDL'

155.0 *** USER WARNING MESSAGE 155 (LINKTP)
A 'TYPE' STATEMENT DEFINES A CHARACTER QUALIFIER/PARAMETER %1 IN SUBDMAP %2
WHICH DOES NOT MATCH THE CHARACTER LENGTH IN THE 'NDDL'

156.0 *** USER WARNING MESSAGE 156 (LINKSB)
MAIN SUBDMAP (%1) IS NOT IN THE DATA BASE
USER ACTION: CHECK SOL STATEMENT FOR CORRECT SOLUTION REQUEST

157.0 *** SYSTEM FATAL MESSAGE 157 (LINKER)
TOTAL NUMBER OF SUBDMAPS REFERENCED BY THIS SOLUTION SEQUENCE HAS EXCEEDED THE ALLOWABLE NUMBER.
USER ACTION: REDUCE THE NUMBER OF SUBDMAPS.
PROGRAMMER'S ACTION: INCREASE THE SIZE OF LIST2 ARRAY

158.0 *** SYSTEM FATAL MESSAGE 158 (LINKER)
END OF RECORD OF FILE 315 IN LINKER. EACH RECORD IN THIS FILE SHOULD CONSIST OF 10 WORDS.
THIS FILE CONTAINS THE LINK CARDS GENERATED IN XCSA/PRLINK

159.0 *** USER INFORMATION MESSAGE 159 (PRLINK)
THE EXTERNAL SUBDMAP CALLS FOR %1 (MAIN) SUBDMAP WILL BE SATISFIED BY OBJECTS FROM EDSOBJ DBSET

160.0 *** USER FATAL MESSAGE 160 (LINKSB)
OBJECT FILE FOR SUBDMAP %1 IS EMPTY.
USER ACTION: RECOMPILE THIS SUBDMAP.

161.0 *** USER FATAL MESSAGE 161 (CTYPE)
DATABLOCK %1 IS REFERENCED ON A TYPE DB STATEMENT AND THE SUBDMAP STATEMENT.
USER ACTION: REMOVE THE REFERENCE FROM THE SUBDMAP

STATEMENT OR THE TYPE DB STATEMENT.
User information:
If a datablock is on the SUBDMAP statement, the calling subDMAP will define whether it is a TYPE DB or not. Therefore, having a "TYPE DB" statement in the called subDMAP is a conflict.

200.0 *** SYSTEM INFORMATION MESSAGE 200 (XGPIMW)
NO ERROR MESSAGE EXISTS FOR XGPIMW INTERNAL CODE NUMBER %1

200.1 *** SYSTEM INFORMATION MESSAGE 200 (XGPIDG)
NO ERROR MESSAGE EXISTS FOR XGPIDG INTERNAL CODE NUMBER %1

200.2 *** SYSTEM INFORMATION MESSAGE 200 (PRXMSG)
NO ERROR MESSAGE EXISTS FOR PRXMSG INTERNAL CODE NUMBER %1 CALLED FROM %2 DURING %3 %4 PROCESSING

200.3 *** SYSTEM INFORMATION MESSAGE 200 (NDDMSG)
NO ERROR MESSAGE EXISTS FOR NDDMSG INTERNAL CODE NUMBER %1 CALLED FROM %2

200.4 *** SYSTEM INFORMATION MESSAGE 200 (LNKMSG)
NO ERROR MESSAGE EXISTS FOR LNKMSG INTERNAL CODE NUMBER %1 CALLED FROM %2

200.5 *** SYSTEM INFORMATION MESSAGE 200 (CEPMSG)
NO ERROR MESSAGE EXISTS FOR CEPMSG INTERNAL ERROR CODE %1 CALLED FROM %2

201.0 *** USER FATAL MESSAGE 201 (A?)
%1 %2 NOT FOUND IN %3 VPS TABLE.

202.0 *** SYSTEM FATAL MESSAGE 202 (A?)
UNABLE TO ADD %1 CONSTANT %2 TO %3 VPS TABLE

203.0 *** SYSTEM WARNING MESSAGE 203 (A?)
TYPE CODE %1 IS CURRENTLY NOT IMPLEMENTED IN THE %2 EXPRESSION PARSER

204.0 *** USER FATAL MESSAGE 204 (A?)
NULL CHARACTER %1 AT POSITION %2 OF %3 %4

205.0 *** USER FATAL MESSAGE 205 (A?)
SYNTAX ERROR IN STRING CONSTANT AT POSITION %1 OF %2 %3

206.0 *** USER FATAL MESSAGE 206 (A?)
SYNTAX ERROR DETECTED IN STRING AT POSITION %1 OF %2 %3
CHARACTER = %4

207.0 *** USER FATAL MESSAGE 207 (A?)
INVALID USE OF %1 CONSTRUCTING %2 CONSTANT AT POSITION %3 OF %4 %5
User information:
This can occur if a complex number has a decimal point immediately

following the sign--make sure that there is a zero between the
sign and the decimal point.

208.0 *** USER FATAL MESSAGE 208 (A?)
INVALID %1 PRECISION CONSTANT AT POSITION %2 OF %3 %4

209.0 *** USER FATAL MESSAGE 209 (A?)
INVALID CHARACTER DETECTED IN COMPLEX CONSTANT AT POSITION %1 OF %2 %3

210.0 *** USER FATAL MESSAGE 210 (A?)
MULTIPLE SIGN DETECTED IN COMPLEX CONSTANT AT POSITION %1 OF %2 %3

211.0 *** USER FATAL MESSAGE 211 (A?)
EMBEDDED BLANKS DETECTED IN COMPLEX NUMBER AT POSITION %1 OF %2 %3

212.0 *** USER FATAL MESSAGE 212 (A?)
CHARACTER STRING EXCEEDS 80 CHARACTERS AT POSITION %1 OF %2 %3

213.0 *** USER FATAL MESSAGE 213 (A?)
%1 PRECEDED BY %2 AT POSITION %3 OF %4 %5

214.0 *** USER FATAL MESSAGE 214 (A?)
LOGICAL CONSTANTS MAY NOT APPEAR ON THE LEFT-SIDE OF AN ASSIGNMENT STATEMENT.
AN ATTEMPT WAS MADE TO REDEFINE %1 AT POSITION %2 OF %3 %4

215.0 *** USER FATAL MESSAGE 215 (A?)
BINARY OPERATORS CANNOT BE THE FIRST SYMBOL FOUND IN AN ARITHMETIC OR LOGICAL EXPRESSION

216.0 *** USER WARNING MESSAGE 216 (A?)
VARIABLE NAME EXCEEDS 8 CHARACTERS AT POSITION %1 OF %2 %3.
VARIABLE NAME IS TRUNCATED TO %4.
RESULTANT PROCESSING MAY BE INCORRECT OR AMBIGUOUS.

217.0 *** SYSTEM FATAL MESSAGE 217 (A?)
THE %1 OSCAR %2 ADDRESS POINTER (%3) IS INVALID

218.0 *** USER FATAL MESSAGE 218 (A?)
NUMERIC MIXED MODE ASSIGNMENTS ARE NOT ALLOWED IN %1 %2S.
ASSIGNMENT ATTEMPTED: %3 DATA TO %4 VARIABLE.
User information:
This indicates that an assignment statement has mixed-mode arithmetic.
Check that all variables in the expression are of the same type
(example: real-single precision). If not, there are expressions to
convert from one type (example: integer) to another
(example: real-single precision).

219.0 *** USER WARNING MESSAGE 219 (A?)
A NUMERIC MIXED MODE ASSIGNMENT WAS MADE IN THE PRECEDING %1 %2.
ASSIGNMENT MADE: %3 DATA TO %4 VARIABLE
User information:
This indicates that an assignment statement has mixed-mode arithmetic. Check that all variables in the expression are of the same type (example: real-single precision). If not, there are expressions to convert from one type (example: integer) to another (example: real-single precision).

220.0 *** USER FATAL MESSAGE 220 (A?)
ASSIGNMENT OF %1 VALUE TO %2 VARIABLE IS ILLEGAL IN %3 %4S.
User information:
This indicates that an assignment statement has mixed-mode arithmetic. Check that all variables in the expression are of the same type (example: real-single precision). If not, there are expressions to convert from one type (example: integer) to another (example: real-single precision).

221.0 *** USER FATAL MESSAGE 221 (A?)
INVALID MIXED MODE EXPONENTIATION OPERATION DURING %1 %2 PROCESSING.
%3 BASE RAISED TO %4 POWER
User information:
This indicates that an assignment statement has mixed-mode arithmetic. Check that all variables in the expression are of the same type (example: real-single precision). If not, there are expressions to convert from one type (example: integer) to another (example: real-single precision).

222.0 *** USER FATAL MESSAGE 222 (A?)
NON-NUMERIC %1 USED IN EXPONENTIATION OPERATION DURING %2 %3 PROCESSING.
User information:
This indicates that an assignment statement has mixed-mode arithmetic. Check that all variables in the expression are of the same type (example: real-single precision). If not, there are expressions to convert from one type (example: integer) to another (example: real-single precision).

223.0 *** USER FATAL MESSAGE 223 (A?)
THE %1 OPERATOR %2 CANNOT BE USED ON %3 OPERANDS DURING %4 %5 PROCESSING.
User information:
This indicates that an assignment statement has mixed-mode arithmetic. Check that all variables in the expression are of the same type (example: real-single precision). If not, there are expressions to

convert from one type (example: integer) to another
(example: real-single precision).

224.0 *** USER FATAL MESSAGE 224 (A?)
MIXED MODE USAGE BY THE ARITHMETIC OPERATOR %1 IS
INVALID DURING %2 %3 PROCESSING.
USAGE IS BETWEEN %4 AND %5 OPERANDS
User information:
This indicates that an assignment statement has mixed-mode arithmetic.
Check that all variables in the expression are of the same type
(example: real-single precision). If not, there are expressions to
convert from one type (example: integer) to another
(example: real-single precision).

225.0 *** USER FATAL MESSAGE 225 (A?)
THE %1 OPERATOR %2 CANNOT BE USED BETWEEN %3 AND %4
OPERANDS
DURING %5 %6 PROCESSING.
User information:
This indicates that an assignment statement has mixed-mode arithmetic.
Check that all variables in the expression are of the same type
(example: real-single precision). If not, there are expressions to
convert from one type (example: integer) to another
(example: real-single precision).

226.0 *** USER FATAL MESSAGE 226 (A?)
THE %1 OPERATOR CANNOT BE USED ON %2 VALUES IN A %3 %4
User information:
This indicates that an assignment statement has mixed-mode arithmetic.
Check that all variables in the expression are of the same type
(example: real-single precision). If not, there are expressions to
convert from one type (example: integer) to another
(example: real-single precision).

227.0 *** USER FATAL MESSAGE 227 (A?)
UNMATCHED %1 DETECTED IN %2 %3
User information:
If the DMAP statement is followed by a "$" to denote a comment,
and the comment contains a single quote ('), then this error
will occur. See Error Report 3774 in Chapter 17.

228.0 *** USER FATAL MESSAGE 228 (A?)
THE KEYWORD %1 WAS USED AS A VARIABLE AT POSITION %2
OF %3 %4

229.0 *** USER WARNING MESSAGE 229 (A?)
NO INFORMATION AVAILABLE TO PROCESS ON %1 %2

230.0 *** SYSTEM FATAL MESSAGE 230 (A?)
THE FUNCTION %1 WAS NOT FOUND IN LIBRARY FUNCTION
TABLE DURING %2 %3 PROCESSING.

231.0 *** USER FATAL MESSAGE 231 (A?)
THE NUMBER OF ARGUMENTS IN THE ARGUMENT LIST FOR %1 IS %2 THAN THE %3 %4 ARGUMENTS %5
NUMBER OF ARGUMENTS SPECIFIED WAS %6

232.0 *** SYSTEM FATAL MESSAGE 232 (A?)
%1 ARGUMENT FORMAT FOR FUNCTION %2 NOT DEFINED IN LIBRARY FUNCTION TABLE

233.0 *** SYSTEM FATAL MESSAGE 233 (A?)
%1 OCCURRED DURING PROCESSING OF %2 STACK DURING %3 %4 PROCESSING.
USER INFORMATION: THIS ERROR OCCURS WHEN THE EXPRESSION BEING PARSED CONTAINS MORE UNIQUE VARIABLES AND CONSTANTS THAN ALLOWED
USER ACTION: SIMPLIFY EXPRESSION AND NOTIFY SIEMENS PLM SOFTWARE CUSTOMER SUPPORT
PROGRAMMER INFORMATION: STACK POINTER = %5 WITH %6 = %7

233.1 *** SYSTEM FATAL MESSAGE 233 (A?)
%1 OCCURRED DURING PROCESSING OF %2 STACK DURING %3 %4 PROCESSING.
PROGRAMMER INFORMATION: STACK POINTER = %5 WITH %6 = %7

234.0 *** USER FATAL MESSAGE 234 (A?)
SYNTAX ERROR DETECTED WHILE PROCESSING %1 PRECISION CONSTANT IN A %2 %3.
USER ACTION: CORRECT SYNTAX FOR %4 PRECISION CONSTANT AND RESUBMIT RUN.

235.0 *** USER FATAL MESSAGE 235 (A?)
THE MAXIMUM SPACE IN THE %1 ARRAY HAS BEEN EXCEEDED DURING %2 %3 PROCESSING.
USER INFORMATION:
1. THE MAXIMUM NUMBER OF AVAILABLE TOKENS IS %4
2. EACH OPERATOR, VARIABLE NAME, OR CONSTANT VALUE MAKE ONE TOKEN
USER ACTION: SIMPLIFY EXPRESSION AND RESUBMIT RUN.

300.0 *** USER FATAL MESSAGE 300
FROM XRCARD ABOVE.

300.1 *** USER FATAL MESSAGE 300 (RCARD)
DATA ERROR IN FIELD UNDERLINED.

300.2 *** USER FATAL MESSAGE 300 FROM CRCARD ABOVE.
THE MESSAGES ABOVE ARE FROM CRCARD.

301.0 *** USER WARNING MESSAGE 301 (IFS4P)
BULK DATA ENTRY %1 CONTAINS INCONSISTENT DATA. SORTED

ENTRY COUNT = %2
User information:
One or more of the Poisson's ratios on a MAT3 entry is greater than 1.0.

302.0 *** USER INFORMATION MESSAGE 302 (IFS3P)
ONE OR MORE GRID ENTRIES HAVE DISPLACEMENT
COORDINATE SYSTEM ID OF -1
User information:
Coordinate system identification numbers of -1 indicate fluid grid
point in coupled fluid-structure analysis.
See Chapter 24 of NX NASTRAN Users Guide.

305.0 *** SYSTEM FATAL MESSAGE 305 (IFPDRV)
IFP MODULE CANNOT OPEN GINO FILE %1
System information:
Unexpected nonstandard return from OPEN.

306.0 *** SYSTEM FATAL MESSAGE 306 (IFPDRV)
READ LOGICAL RECORD ERROR.
System information:
Short record encountered. Bulk Data entries occupy 20 words.

307.0 *** SYSTEM FATAL MESSAGE 307 (IFPSIZ)
THE NAME OF BULK DATA ENTRY %1 IS INVALID.
PROGRAMMER ACTION:IF THE ABOVE NAME IS A VALID BULK ENTRY,
THEN CHECK THE HASHING FUNCTION TABLE(S),
AND MAKE SURE THERE ARE NO "LOST" ITEMS.

307.1 *** USER FATAL MESSAGE 307 (IFPDRV)
ILLEGAL NAME FOR BULK DATA ENTRY %1
User information:
See Section 5 of the NX NASTRAN Quick Reference Guide.

308.0 *** USER FATAL MESSAGE 308 (IFPDRV)
BULK DATA ENTRY %1 NOT ALLOWED IN %2 APPROACH.
User information:
See Section 5 of the NX NASTRAN Quick Reference Guide.

309.0 *** USER WARNING MESSAGE 309 (IFPDRV)
BULK DATA ENTRY %1 IMPROPER IN %2 APPROACH.
User information:
See Section 5 of the NX NASTRAN Quick Reference Guide.

310.0 *** USER FATAL MESSAGE 310 (IFPDRV)
BULK DATA ENTRY %1 NOT ALLOWED IN SAME DECK WITH AXIC CARD.
User information:
See Section 5 of the NX NASTRAN Quick Reference Guide.

310.1 *** USER FATAL MESSAGE 310 (IFS1P/IFS3P)
%1 AND %2 ENTRIES ARE NOT ALLOWED IN THE SAME BULK

DATA SECTION.
User information:
Use one or the other of the above bulk data entries, but not both.

310.2 *** USER FATAL MESSAGE 310 (IFS3P)
FOR SOL 401, BULK DATA CARD, DELAY NOT SUPPORTED WITH TLOAD1.
User information:
See TLOAD1 DOCUMENTATION IN NX NASTRAN Quick Reference Guide.

311.0 *** USER FATAL MESSAGE 311 (IFPDRV)
NON-UNIQUE FIELD 2 ON BULK DATA ENTRY %1%2 SORTED ENTRY COUNT = %3
User information:
Sorted Bulk Data entry type indicated must have a unique integer in field 2. An error in the input has been detected. Two or more grid points, elements, or properties have the same id. (For example, you may not use two GRID entries with the GID=2 in the same run.)

312.0 *** USER FATAL MESSAGE 312 (IFPDRV)
TOO MANY CONTINUATIONS FOR BULK DATA ENTRY %1%2 SORTED ENTRY COUNT = %3
User information:
See Bulk Data entry description in Section 5 of the NX NASTRAN Quick Reference Guide.

313.0 *** USER FATAL MESSAGE 313 (IFPDRV)
ILLEGAL NUMBER OF WORDS ON BULK DATA ENTRY %1%2 SORTED ENTRY COUNT = %3
User information:
See Bulk Data entry description in Section 5 of the NX NASTRAN Quick Reference Guide. One cause of this message is using a "D" before the exponent for a real number. Only "E" is allowed, unless noted otherwise on the Bulk Data entry description in Section 5 of the NX NASTRAN Quick Reference Guide. Another cause is placing a BCD variable in a real or integer field, such as using the letter O when the number 0 is intended.

313.1 *** USER FATAL MESSAGE 313 (IFPDRV)
ILLEGAL NUMBER OF WORDS ON BULK DATA ENTRY %1%2 SORTED ENTRY COUNT = %3
OR EXPLICIT CONTINUATION EXPECTED AND NOT FOUND.
User information:
See Bulk Data entry description in Section 5 of the NX NASTRAN Quick Reference Guide. One cause of this message is using a "D" before the exponent for a real number. Only "E" is allowed, unless noted otherwise on the Bulk Data entry description in Section 5 of the NX NASTRAN Quick Reference Guide. Another cause is placing a BCD variable in a real or integer field, such as using the letter O when

the number 0 is intended.
A third cause might be the existence of an explicit continuation definition in field 10 of the previous entry. In this case, the specified continuation must immediately follow the previous bulk data entry.

314.0 *** SYSTEM FATAL MESSAGE 314 (IFPDRV)
INVALID CALL FROM IFP : K = %1
System information:
Code error, machine failure, or cell is being destroyed.

315.0 *** USER FATAL MESSAGE 315 (IFPDRV)
FORMAT ERROR ON BULK DATA ENTRY %1%2 SORTED ENTRY COUNT = %3
User information:
See Bulk Data entry description in Section 5 of the NX NASTRAN Quick Reference Guide. If you are using the large field format make sure the number of entries is even.

315.1 *** USER FATAL MESSAGE 315 (IFPDRV)
FORMAT ERROR ON BULK DATA ENTRY %1
User information:
See Bulk Data entry description in Section 5 of the NX NASTRAN Quick Reference Guide. If you are using the large field format make sure the number of entries is even.

316.0 *** USER FATAL MESSAGE 316 (IFS2P):
THE PRECONDITIONER OPTION %1 SPECIFIED ON THE ITER ENTRY IS INVALID.
USER ACTION: CHECK BULK DATA CARD ITER.

316.1 *** USER FATAL MESSAGE 316 (IFPDRV)
ILLEGAL DATA ON BULK DATA ENTRY %1%2 SORTED ENTRY COUNT = %3
User information:
See Bulk Data entry description in Section 5 of the NX NASTRAN Quick Reference Guide. If you are using the large field format make sure the number of entries is even.

316.2 *** USER FATAL MESSAGE 316 (IFPDRV)
ILLEGAL DATA ON BULK DATA ENTRY %1
User information:
See Bulk Data entry description in Section 5 of the NX NASTRAN Quick Reference Guide. If you are using the large field format make sure the number of entries is even.

316.3 *** USER FATAL MESSAGE 316 (IFPDRV)
ILLEGAL DATA ON BULK DATA ENTRY %1 ON SORTED ENTRY COUNT %2
USER INFORMATION:
%3 ID %4 EXCEEDS MAXIMUM VALUE ALLOWED %5.

316.4 *** USER FATAL MESSAGE 316 (IFPDRV)
ILLEGAL DATA ON BULK DATA ENTRY %1
OR EXPLICIT CONTINUATION ENTRY NOT FOUND IMMEDIATELY AFTER THIS ENTRY
User information:
See Bulk Data entry description in Section 5 of the NX NASTRAN Quick Reference Guide. If you are using the large field format make sure the number of entries is even. If this entry has an explicit continuation defined in field 10, make sure that the referenced bulk data continuation entry occurs immediately after this entry.

316.5 *** USER FATAL MESSAGE 316 (IFPDRV)
ILLEGAL DATA ON BULK DATA ENTRY %1
PCOMPG WITH MORE THAN 100 PLIES ARE NOT PRINTED.
User information:
PCOMPG requires unique global ply identification numbers.

317.0 *** USER FATAL MESSAGE 317,
BAD DATA OR FORMAT OR NON-UNIQUE NAME FOR DTI %1
SORTED CARD COUNT = %2
User information:
See Bulk Data entry description in Section 5 of the NX NASTRAN Quick Reference Guide.

318.0 *** SYSTEM FATAL MESSAGE 318,
NO ROOM IN /XDPL/ FOR DTI %1
System information:
Overflow of Data Pool Table. See Chapter 2 of the NX NASTRAN Programmer's Manual.

319.0 *** SYSTEM FATAL MESSAGE 319 (IFPDRV)
IFP READING EOF ON NPTP.
System information:
Unexpected EOF encountered while attempting to read a bulk data entry.

320.0 *** SYSTEM FATAL MESSAGE 320 (IFPTBL)
ERROR ENCOUNTERED PROCESSING BULK DATA.
PROGRAMMER ACTION:INCREASE THE NUMBER OF LIST(S) MXLIST BY %1 WORDS.

320.1 *** SYSTEM FATAL MESSAGE 320 (IFPTBL)
ERROR ENCOUNTERED PROCESSING BULK DATA.
PROGRAMMER ACTION:INCREASE THE DEPTH OF THE LIST(S) MXDEEP BY APPROXIMATELY %1 WORDS.

320.2 *** SYSTEM FATAL MESSAGE 320 (IFPDRV)
IFP ERROR%1. LAST ENTRY PROCESSED IS %2.
SORTED ENTRY COUNT = %3
System information:
Code error in IFP or XSORT.

321.0 *** USER FATAL MESSAGE 321 (IFPDRV)

NON-UNIQUE PARAM NAME -%1-
User information:
All names of parameters must be unique.

322.0 *** SYSTEM FATAL MESSAGE 322 (IFS9P)
ILLEGAL ENTRY TO IFS1P.

322.1 *** SYSTEM FATAL MESSAGE 322 (IFS8P)
ILLEGAL ENTRY TO IFS8P.

322.2 *** SYSTEM FATAL MESSAGE 322,
ILLEGAL ENTRY TO IFS7P.

322.3 *** SYSTEM FATAL MESSAGE 322 (IFS6P)
ILLEGAL ENTRY TO IFS6P.

322.4 *** SYSTEM FATAL MESSAGE 322 (IFS5P)
ILLEGAL ENTRY TO IFS5P.

322.5 *** SYSTEM FATAL MESSAGE 322 (IFS4P)
ILLEGAL ENTRY TO IFS4P.

322.6 *** SYSTEM FATAL MESSAGE 322 (IFS3P)
ILLEGAL ENTRY TO IFS3P.

322.7 *** SYSTEM FATAL MESSAGE 322,
ILLEGAL ENTRY TO IFS2P.

322.8 *** SYSTEM FATAL MESSAGE 322 (IFS1P)
ILLEGAL ENTRY TO IFS1P.
System information:
IFP code error detected in IFS1P, IFS2P, IFS3P, IFS4P, IFS5P, IFS6P.

322.9 *** SYSTEM FATAL MESSAGE 322 (IFS11P)
INTERNAL ERROR IN IFS11P.

322.10 *** SYSTEM FATAL MESSAGE 322 (IFS11P)
ILLEGAL ENTRY TO IFS11P.

322.11 *** SYSTEM FATAL MESSAGE 322,
ILLEGAL ENTRY TO IFS10P.

324.0 *** USER WARNING MESSAGE 324 (XSORSO)
BLANK ENTRIES ENCOUNTERED WILL BE IGNORED.
User information:
Blank Bulk Data entries are ignored by NASTRAN.

325.0 *** USER FATAL MESSAGE 325,
BAD DATA OR FORMAT OR NON-UNIQUE NAME. DMI %1 SORTED CARD COUNT = %2
User information:
See Bulk Data entry description in Section 5 of the NX NASTRAN Quick Reference Guide.

326.0 *** SYSTEM FATAL MESSAGE 326,
NO ROOM IN /XDPL/ FOR DMI %1

System information:
Overflow of Data Pool Table. See Chapter 2 of the NX NASTRAN Programmer's Manual.

327.0 *** USER FATAL MESSAGE 327,
BAD DATA OR FORMAT OR NON-UNIQUE NAME. DMIG %1
SORTED CARD COUNT = %2
User information:
See Bulk Data entry description in Section 5 of the NX NASTRAN Quick Reference Guide. Often this is related to simply having having the wrong type of input. For example, if the matrix type for input is declared as double precision, then all values must be of the form x.xxxD+yy, or double precision.

329.0 *** USER FATAL MESSAGE 329 (IFS3P)
ONLY ONE(1) AXIC ENTRY ALLOWED.
User information:
See Bulk Data entry description in Section 5 of the NX NASTRAN Quick Reference Guide.

330.0 *** SYSTEM FATAL MESSAGE 330 (IFS3P)
NO ROOM IN MEMORY FOR PARAM ENTRIES.
System information:
Change overlay or increase core size.

331.0 *** USER FATAL MESSAGE 331 (IFS3P)
IMPROPER PARAM ENTRY %1 SORTED ENTRY COUNT = %2
User information:
See Bulk Data entry description in Section 5 of the NX NASTRAN Quick Reference Guide.

332.0 *** USER FATAL MESSAGE 332 (IFS3P)
AXIC BULK DATA ENTRY REQUIRED.
User information:
The presence of any conical shell data entries requires the presence of an AXIC entry. See the AXIC Bulk Data entry description in Section 5 of the NX NASTRAN Quick Reference Guide.

333.0 *** USER WARNING MESSAGE 333 (SEMTRN)
THE BEGIN BULK STATEMENT IS MISSING. A BEGIN BULK STATEMENT WILL BE INSERTED BY THE PROGRAM
User information:
No BEGIN BULK command was found in the input. Check input and add a BEGIN BULK command.

334.0 *** USER WARNING MESSAGE 334 (SEMTRN)
THE ENDDATA STATEMENT IS MISSING. AN ENDDATA STATEMENT WILL BE INSERTED BY THE PROGRAM
User information:
No ENDDATA entry was found in the input. Check input and add an ENDDATA entry.

335.0 *** USER FATAL MESSAGE 335 (CNDRV2)
THE EXPRESSION IN A CONVERT CLAUSE EQUATION HAS INVALID SYNTAX
*** USER ACTION:
1. REWRITE THE CONVERT CLAUSE EQUATION USING CORRECT SYNTAX
2. RESUBMIT RUN.

335.1 *** USER FATAL MESSAGE 335 (CNDRV2)
THE EXPRESSION IN A WHERE CLAUSE EQUATION HAS INVALID SYNTAX
*** USER ACTION:
1. REWRITE THE WHERE CLAUSE EQUATION USING CORRECT SYNTAX
2. RESUBMIT RUN.

336.0 *** USER WARNING MESSAGE 336 (CNDRV2)
THE VARIABLE ON THE LEFT-SIDE OF A CONVERT CLAUSE EQUATION WAS NOT FOUND IN THE PRIMARY DATABASE QUALIFIER TABLE

336.1 *** USER FATAL MESSAGE 336 (CNDRV2)
THE VARIABLE ON THE LEFT-SIDE OF A WHERE CLAUSE EQUATION WAS NOT FOUND IN THE PRIMARY DATABASE QUALIFIER TABLE

337.0 *** USER FATAL MESSAGE 337 (IFS6P)
MORE THAN ONE %1 ENTRY EXISTS. ONLY ONE IS ALLOWED.
User information:
Make sure only one such entry exists.

338.0 *** USER WARNING MESSAGE 338 (IFS2P)
THE LAST X-VALUE ON %1 ENTRY ID = %2
IS MISSING A CORRESPONDING Y-VALUE. THE
LAST X-VALUE WILL BE IGNORED.
User information:
There has to be an even number of entries. If there is an odd number, then this message is issued and the last value ignored.

339.0 *** USER FATAL MESSAGE 339 (MDCASE)
SUBCASE %1 DOES NOT INCLUDE AN ANALYSIS CASE CONTROL COMMAND.
USER INFORMATION: AN ANALYSIS COMMAND MUST BE SPECIFIED FOR EACH SUBCASE.

340.0 *** USER FATAL MESSAGE 340 (MDCASE)
BOTH MODAL (ANAL = MFREQ) AND DIRECT (ANAL = DFREQ) FREQUENCY ANALYSIS HAVE BEEN SPECIFIED.
USER ACTION: SPECIFY EITHER MODAL OR DIRECT FREQUENCY RESPONSE BUT NOT BOTH.

341.0 *** USER FATAL MESSAGE 341 (MDCASE)

SUBCASE %1 CONTAINS THE ANALYSIS = %2 COMMAND BUT LACKS THE REQUIRED METHOD CASE CONTROL COMMAND.
USER ACTION: FOR MULTIDISCIPLINARY ANALYSIS THAT REQUIRE A NORMAL MODES OR BUCKLING SOLUTION, THE METHOD COMMAND MUST BE SPECIFIED AT THE subcase LEVEL OR ABOVE THE SUBCASE LEVEL.

342.0 *** USER FATAL MESSAGE 342 (MDCASE)
THERE ARE %1 MODAL TRANSIENT SUBCASES.
USER INFORMATION: ONLY ONE MODAL TRANSIENT SUBCASE IS PERMITTED WHEN PERFORMING MULTIDISCIPLINARY ANALYSIS.

343.0 *** USER FATAL MESSAGE 343 (MDCASE)
THERE ARE MULTIPLE DESGLB COMMANDS IN THE CASE CONTROL SECTION.
USER INFORMATION: ONLY ONE DESGLB COMMAND IS PERMITTED.

343.1 *** USER FATAL MESSAGE 343 (MDCASE)
THERE ARE MULTIPLE DESOBJ COMMANDS IN THE CASE CONTROL SECTION.
USER INFORMATION: ONLY ONE DESOBJ COMMAND IS PERMITTED.

344.0 *** USER FATAL MESSAGE 344 (MDCASE)
DESGLB COMMAND = %1 IN SUBCASE = %2 IS DIFFERENT THAN THE PREVIOUS SUBCASE
USER INFORMATION: SPECIFY THE DESGLB COMMAND ABOVE THE SUBCASE LEVEL.

345.0 *** USER FATAL MESSAGE 345 (IFS1P)
FACE TYPE %1 IS INVALID ON THE QHBDY ENTRY.

346.0 *** USER FATAL MESSAGE 346 (IFS1P)
AN AREA FACTOR IS SPECIFIED FOR AN INAPPROPRIATE FACE TYPE = %1.
USER INFORMATION: AREA FACTOR IS PERMITTED FOR TYPE = POINT AND LINE ONLY.

347.0 *** USER FATAL MESSAGE 347 (IFS1P)
AN INVALID, OR NO, AREA FACTOR IS SPECIFIED FOR FACE TYPE = %1.

348.0 *** USER FATAL MESSAGE 348 (MDCASE)
THE ANALYSIS=MODES SUBCASE(S) DOES NOT INCLUDE A DESSUB COMMAND.
USER INFORMATION: SPECIFY THE DESSUB COMMAND IN ALL SUPERELEMENT AND RESIDUAL SUBCASES WITH ANALYSIS=MODES.

349.0 *** USER FATAL MESSAGE 349 (MDCASE)
THERE ARE %1 COMPLEX EIGENVALUE SUBCASES.

USER INFORMATION: ONLY ONE COMPLEX EIGENVALUE SUBCASE, DCEIG OR MCEIG, IS PERMITTED IN SOL 200.

350.0 *** USER FATAL MESSAGE 350 (IFS350)
THE FOLLOWING GRID OR SCALAR POINTS ARE SPECIFIED MORE THAN ONCE ON THE BULK DATA ENTRY SHOWN BELOW:

350.1 *** USER FATAL MESSAGE 350 (IFS350)
THE FOLLOWING GRID/SCALAR POINT - COMPONENT IS SPECIFIED MORE THAN ONCE ON THE BULK DATA ENTRY SHOWN BELOW:

370.0 *** SYSTEM FATAL MESSAGE 370 (IFP3EM)
AXIC FILE RECORD FOR ENTRY(%1) NOT OF LENGTH = TO ENTRY MULTIPLES + 3. RECORD HEADER =%2

371.0 *** USER FATAL MESSAGE 371 (IFP3EM)
%1 ID = %2 IS OUTSIDE THE PERMISSIBLE RANGE: 1 THROUGH 9999.

372.0 *** USER FATAL MESSAGE 372 (IFP3EM)
MINIMUM PROBLEM REQUIRES %1 ENTRY, NONE FOUND.

373.0 *** USER FATAL MESSAGE 373 (IFP3EM)
RING ID =%1 ON ENTRY TYPE (%2) IS OUTSIDE THE ALLOWABLE RANGE: 1 THROUGH %3.

374.0 *** SYSTEM FATAL MESSAGE 374 (IFP3EM)
INCONSISTENCY, AXIC TRAILER BIT IS ON, BUT RECORD COULD NOT BE FOUND BY LOCATE. RECORD HEADER =%1

375.0 *** USER FATAL MESSAGE 375 (IFP3EM)
HARMONIC NUMBER =%1 ON ENTRY TYPE (%2) IS OUTSIDE THE ALLOWABLE RANGE: 0 THROUGH %3.

376.0 *** SYSTEM FATAL MESSAGE 376 (IFP3EM)
INCONSISTENT ERROR READING BALANCE OF %1%2 ENTRIES.

377.0 *** SYSTEM FATAL MESSAGE 377 (IFP3EM)
RECORD INCONSISTENCY FOR %1%2 ENTRIES

378.0 *** USER FATAL MESSAGE 378 (IFP3EM)
SPCAX OR MPCAX ENTRY HAS A SETID = 101 OR 102.
USER INFORMATION: 101 AND 102 ARE SPECIAL SETS RESERVED FOR SINE AND COSINE SETS.

379.0 *** USER FATAL MESSAGE 379 (IFP3EM)
RINGAX ENTRY WITH RING ID = %1 HAS A ZERO RADIUS SPECIFIED.

380.0 *** USER FATAL MESSAGE 380 (IFP3EM)
ENTRY TYPE %1 HAS BAD COMPONENT SPECIFICATION OF %2

381.0 *** SYSTEM FATAL MESSAGE 381 (IFP3EM)
AXIC TRAILER BIT ON BUT LOCATE CAN NOT FIND POINTAX OR SECTAX ENTRY.

382.0 *** USER FATAL MESSAGE 382 (IFP)
AN INVALID BULK DATA ENTRY HAS BEEN SPECIFIED FOR AXI-SYMMETRIC CONICAL SHELL ANALYSIS

382.1 *** USER INFORMATION MESSAGE 382 (IFP)
THE ELEMENT ITERATIVE SOLVER CAN ONLY BE USED IN LINEAR STATICS. SWITCHING TO SPARSE MATRIX METHOD.

383.0 *** USER WARNING MESSAGE 383 (IFS8P)
NO ORIENTATION IS SPECIFIED FOR CHBDYP ELEMENT %1

384.0 *** USER FATAL MESSAGE 384 (IFS1P)
THE LOWER RANGE FREQUENCY ,F1, IS LESS THAN 0.0 HZ.

385.0 *** USER FATAL MESSAGE 385 (IFS1P)
THE UPPER RANGE FREQUENCY ,F2, IS LESS THAN THE LOWER RANGE FREQUENCY.

387.0 *** USER FATAL MESSAGE 387 (IFS1P)
THE FREQUENCY SPREAD ,FSPD, ON FREQ4 ENTRY %1 IS LESS THAN OR EQUAL TO 0.0 OR GREATER THAN 1.0.

388.0 *** USER FATAL MESSAGE 388 (IFS1P)
THE NUMBER OF FREQUENCIES ,NFM, ON FREQ4 ENTRY %1 IS LESS THAN 1.

389.0 *** USER FATAL MESSAGE 389 (IFS1P)
ONE OR MORE FRACTIONS ,FRI, ON FREQ5 ENTRY %1 ARE LESS THAN 0.0

390.0 *** USER FATAL MESSAGE 390 (IFSEGL)
FIELD %1 ON EIGRL ENTRY, SID = %2 IS SPECIFIED MORE THAN ONCE.

390.1 *** USER FATAL MESSAGE 390 (IFSEGC)
FIELD %1 ON EIGC ENTRY, SID = %2 IS SPECIFIED MORE THAN ONCE.

391.0 *** USER FATAL MESSAGE 391 (XSDFF)
%1
THE COMMA-DELIMITED FREE-FIELD FORMAT IS NOT ALLOWED FOR THE ABOVE ENTRY.
USER INFORMATION: REWRITE ENTRY WITH FIXED FORMAT IN FIELDS 1, 2, AND 10.
FIELDS 3 THROUGH 9 ARE TREATED AS ONE CONTIGUOUS FIELD.

392.0 *** USER FATAL MESSAGE 392 (XSORSO)
THE AUXMID OR SEID ON THE FOLLOWING BEGIN BULK COMMAND IS NOT GREATER THAN 0.
BULK ENTRY: %1
User information:
Can also result by accidently including a second begin bulk command.

393.0 *** USER FATAL MESSAGE 393 (IFS2P)

ON MAT8 ID = %1, ONLY ONE OR TWO OF Xt, Yt AND S ARE SPECIFIED.
USER ACTION: SPECIFY VALUES FOR Xt, Yt AND S IF ANY OF Xt, Xc, Yt, Yc, AND S ARE SPECIFIED.

394.0 *** USER WARNING MESSAGE 394 (IFS5P)
INCONSISTENT OPTIONS FOR LOAD TYPE AND SCALE FACTOR ARE SPECIFIED ON PLOAD1 BULK ENTRY = %1 .
USER INFORMATION: THE SCALE FACTOR = %2 IS IGNORED WHEN A LOAD TYPE = %3, BASED ON ELEMENT COORDINATES IS USED.

397.0 *** USER FATAL MESSAGE 397 (GETLIN)
THE INPUT FILE INCLUDE NEST DEPTH (= %1) HAS BEEN EXCEEDED.
FILE '%2'
IS INCLUDED IN FILE '%3'
AT RECORD NUMBER %4.
THE INCLUDE REQUEST IS SKIPPED.

398.0 *** USER FATAL MESSAGE 398 (GETLIN)
A REQUESTED %1 FILE WAS NOT FOUND.
FILE '%2'
IS INCLUDED IN FILE '%3'
AT RECORD NUMBER %4.
THE INCLUDE REQUEST IS SKIPPED.

398.1 *** USER FATAL MESSAGE 398 (GETLIN)
NO FILE NAME SPECIFIED ON %1 STATEMENT.
STATEMENT IS INCLUDED IN FILE '%3'
AT RECORD NUMBER %4.
THE INCLUDE REQUEST IS SKIPPED.

398.2 *** USER FATAL MESSAGE 398 (GETLIN)
FILE NAME SPECIFIED ON %1 STATEMENT EXCEEDS MAXIMUM ALLOWABLE LENGTH OF %2
FILE '%3'
IS INCLUDED IN FILE '%4'
AT RECORD NUMBER %5.
THE INCLUDE REQUEST IS SKIPPED.

399.0 *** USER FATAL MESSAGE 399 (GETLIN)
OPEN FOR %1 FILE FAILED. ERROR FLAG = %2, ERROR CODE = %3.
FILE '%4'
IS INCLUDED IN FILE '%5'
AT RECORD NUMBER %6.
THE INCLUDE REQUEST IS SKIPPED.

400.0 *** SYSTEM FATAL MESSAGE 400 (CTYPE)
THE COMPILER HAS BECOME LOST, DURING PROCESSING OF THE ABOVE TYPE CARD
USER ACTION: NOTIFY SIEMENS PLM SOFTWARE CUSTOMER

SUPPORT AS SOON AS POSSIBLE.

400.1 *** SYSTEM FATAL MESSAGE 400 (CSUBDM)
THE COMPILER HAS BECOME LOST, DURING PROCESSING OF THE ABOVE SUBDMAP CARD
USER ACTION: NOTIFY SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

400.2 *** SYSTEM FATAL MESSAGE 400 (CEPMSG)
THE COMPILER HAS BECOME LOST, DURING PROCESSING OF THE ABOVE %1 CAR
** USER ACTION: 1. NOTIFY SIEMENS PLM SOFTWARE CUSTOMER SUPPORT AS SOON AS POSSIBLE.
2. CHANGE %2 STATEMENT TO %3 STATEMENTS

400.3 *** SYSTEM FATAL MESSAGE 400 (CEPMSG)
THE NUMBER OF DATA BLOCKS ON THE %1 CARD EXCEEDS THE MAXIMUM (%2) ALLOWED

401.0 *** SYSTEM FATAL MESSAGE 401 (CGVPST)
NUMBER OF NDDL PARAMETERS EXCEEDS THE MAXIMUM ALLOWED OF %1

401.1 *** SYSTEM FATAL MESSAGE 401 (CGVPST)
NUMBER OF PARAMETER ARGUMENTS EXCEEDS THE MAXIMUM ALLOWED OF %1

402.0 *** USER FATAL MESSAGE 402 (CTYPE)
%1 WAS DETECTED WHEN %2 WAS EXPECTED
USER ACTION: ADD CORRECT %3 AND RECOMPILE

402.1 *** USER FATAL MESSAGE 402 (CSUBDM)
%1 WAS DETECTED WHEN THE SUBDMAP NAME WAS EXPECTED
USER ACTION: ADD SUBDMAP NAME AND RECOMPILE

402.2 *** USER FATAL MESSAGE 402 (CTYPE)
%1 WAS DETECTED WHEN %2 WAS EXPECTED
USER ACTION: ADD CORRECT %3 AND RECOMPILE
USER INFORMATION: VALID SCOPE IDENTIFIERS ARE "NDDL" AND " "

402.3 *** USER FATAL MESSAGE 402 (CTYPE)
%1 WAS DETECTED WHEN %2 WAS EXPECTED
USER ACTION: ADD CORRECT %3 AND RECOMPILE
USER INFORMATION: VALID PARAMETER TYPE CODES ARE "I", "RS", "CHAR", "RD", "CS", "CD", "LOGI", "RX", OR "CX"

402.4 *** USER FATAL MESSAGE 402 (CTYPE)
%1 WAS DETECTED WHEN %2 WAS EXPECTED
USER ACTION: ADD CORRECT %3 AND RECOMPILE
USER INFORMATION: VALID AUTHORIZATION CODES ARE "Y", "N", OR " "

402.5 *** USER FATAL MESSAGE 402 (CTYPE)

%1 WAS DETECTED WHEN %2 WAS EXPECTED
USER ACTION: ADD CORRECT %3 AND RECOMPILE
USER INFORMATION: VALID IDENTIFIER KEYWORDS ARE "PARM" AND "DB"

403.0 *** USER FATAL MESSAGE 403 (CSUBDM)
A NUMERIC VALUE WAS DETECTED WHEN A DELIMITER, DATA BLOCK NAME, PARAMETER NAME, OR END-OF-CARD WAS EXPECTED
USER ACTION: REMOVE NUMERIC VALUE FROM SUBDMAP STATEMENT AND RECOMPILE

404.0 *** USER FATAL MESSAGE 404 (CTYPE)
A NON-%1 DELIMITER WAS DETECTED WHERE A %2 DELIMITER IS REQUIRED

404.1 *** USER FATAL MESSAGE 404 (CSUBDM)
A NON-SLASH DELIMITER WAS DETECTED WHERE A SLASH DELIMITER IS REQUIRED
USER ACTION: REPLACE NON-SLASH DELIMITER WITH A SLASH, AND RECOMPILE
User information:
This message can result when the default value of a real or complex parameter is specified to be a letter instead of a number. A common occurrence of this is using the letter "O" in place of the number "0".
See Error Report 3782 in section 17.4 of NX NASTRAN Reference Manual.

405.0 *** SYSTEM FATAL MESSAGE 405 (CSUBDM)
THE NUMBER OF WORDS ALLOCATED FOR PROCESSING THIS SUBDMAP'S %1 HAS BEEN EXCEEDED. THE MAXIMUM IS %2 WORDS
USER ACTION: EACH NAME USES 2 WORDS. REDUCE THE NUMBER OF %3 AND RESUBMIT
PROGRAMMER ACTION: ENLARGE COUNTER %4 AND ARRAY DIMENSION FOR %5

406.0 *** USER FATAL MESSAGE 406 (NDDL)
INVALID DATA TYPE CODE %1.
VALID DATA TYPE CODES ARE "I", "RS", "CHAR", "RD", "CS", "CD", "LOGI", "RX", OR "CX"

406.1 *** USER FATAL MESSAGE 406
INVALID PARAMETER TYPE CODE %1.
VALID PARAMETER TYPE CODES ARE "I", "RS", "CHAR", "RD", "CS", "CD", "LOGI", "RX", OR "CX"

406.2 *** USER FATAL MESSAGE 406 (CTYPE)
INVALID IDENTIFIER KEYWORD %1.
VALID IDENTIFIER KEYWORDS ARE "PARM" AND "DB"

406.3 *** USER FATAL MESSAGE 406 (CTYPE)
INVALID USER AUTHORIZATION CODE %1.

VALID AUTHORIZATION CODES ARE "Y", "N", OR " "

406.5 *** USER FATAL MESSAGE 406 (CTYPE)
INVALID VARIABLE SCOPE IDENTIFIER %1.
VALID SCOPE IDENTIFIERS ARE "NDDL" AND " "

406.6 *** SYSTEM WARNING MESSAGE 406 (FORTIO)
INVALID PARAMETER CLOSE OPTION CODE %1.
VALID PARAMETER OPERATION CODES ARE 1 (REWIND), 2 (CLOSE/KEEP), AND 3 (CLOSE/DELETE)

406.7 *** SYSTEM WARNING MESSAGE 406 (FORTIO)
INVALID PARAMETER OPERATION CODE %1.
VALID PARAMETER OPERATION CODES ARE "OPEN" OR "CLOSE"

406.8 *** SYSTEM FATAL MESSAGE 406 (ZRDBLK)
INVALID INTERNAL NDDL DATA CODE %1 PROCESSING RECORD %2 OF DATABLOCK %3
VALID INTERNAL NDDL DATA CODES ARE 1 THROUGH 10

406.9 *** SYSTEM FATAL MESSAGE 406 (ZRDBLK)
INVALID INTERNAL NDDL DATA CODE %1 PROCESSING RECORD %2 OF DATABLOCK %3
VALID INTERNAL NDDL DATA CODES ARE 1 THROUGH 10
INTERNAL NDDL DATA CODE 11 GENERALLY INDICATES AN NDDL COMPILATION ERROR USING THE "SAMEAS" OPTION
VERIFY RECORDS DESCRIBED AS "SAMEAS" APPEAR AFTER THE REFERENCED "SAMEAS" RECORD

407.0 *** USER FATAL MESSAGE 407 (CTYPE)
USER AUTHORIZATION FIELD IS MISSING ON ABOVE TYPE STATEMENT
User information:
All "TYPE PARM" statements require a "Y" or "N" authorization code.

408.0 *** USER WARNING MESSAGE 408 (CTYPE)
PARAMETER %1 HAS BEEN PREVIOUSLY DEFINED TO THE VPS (PARAMETER) TABLE. THIS DEFINITION IS IGNORED.
USER INFORMATION: THIS PARAMETER MAY BE EITHER A PERMANENT VPS TABLE ENTRY, OR DEFINED BY A PREVIOUS TYPE STATEMENT.
User information:
User is attempting to define a parameter twice.

409.0 *** USER WARNING MESSAGE 409 (CTYPE)
THE PARAMETER %1 IS IGNORED BECAUSE IT HAS BEEN PREVIOUSLY DEFINED IN A TYPE DMAP STATEMENT

410.0 *** USER WARNING MESSAGE 410 (CTYPE)
DEFAULT VALUE IGNORED FOR NDDL TYPED PARAMETER -- DEFAULTS MUST BE SET IN NDDL DECK

411.0 *** USER FATAL MESSAGE 411 (CTYPE)

THE VALUE ASSIGNED TO ONE OF THE PARAMETERS ON THIS TYPE STATEMENT IS INCONSISTENT WITH REQUESTED %1 TYPE CODE

411.1 *** USER FATAL MESSAGE 411 (CTYPE)
THE '%1' VALUE ASSIGNED TO THE PARAMETER %2 ON THIS TYPE STATEMENT IS INCONSISTENT WITH REQUESTED '%3' TYPE CODE

412.0 *** SYSTEM FATAL MESSAGE 412 (CTYPE)
THE NUMBER OF WORDS ALLOCATED FOR PROCESSING TYPED PARAMETERS HAS BEEN EXCEEDED. THE MAXIMUM IS %1 WORDS
USER ACTION: EACH PARAMETER USES 2 WORDS. REDUCE THE NUMBER OF PARAMETERS AND RESUBMIT
PROGRAMMER ACTION: ENLARGE COUNTER MAXPRM AND ARRAY DIMENSION FOR PARAMS

413.0 *** USER FATAL MESSAGE 413 (CEPMSG)
FOUND BCD VALUE WHEN EXPECTING DELIMITER, DURING PROCESSING OF %1 CARD

413.1 *** USER FATAL MESSAGE 413 (CEPMSG)
FOUND NUMERIC VALUE WHEN EXPECTING DELIMITER, DURING PROCESSING OF %1 CARD

413.2 *** USER FATAL MESSAGE 413 (CEPMSG)
FOUND END-OF-CARD WHEN EXPECTING DELIMITER, DURING PROCESSING OF %1 CARD

413.3 *** USER FATAL MESSAGE 413 (CEPMSG)
FOUND BCD VALUE WHEN EXPECTING DELIMITER OR END-OF-CARD, DURING PROCESSING OF ABOVE %1 CARD

413.4 *** USER FATAL MESSAGE 413 (CEPMSG)
FOUND NUMERIC VALUE WHEN EXPECTING DELIMITER OR END-OF-CARD, DURING PROCESSING OF ABOVE %1 CARD

413.5 *** USER FATAL MESSAGE 413 (CEPMSG)
FOUND NUMERIC VALUE WHEN EXPECTING DATA BLOCK NAME, DURING PROCESSING OF %1 CARD

413.6 *** USER FATAL MESSAGE 413 (CEPMSG)
FOUND END-OF-CARD WHEN EXPECTING DATA BLOCK NAME, DURING PROCESSING OF %1 CARD

413.7 *** USER FATAL MESSAGE 413 (CEPMSG)
FOUND NUMERIC VALUE WHEN EXPECTING DATA BLOCK NAME OR DELIMITER, DURING PROCESSING OF %1 CARD

413.8 *** USER FATAL MESSAGE 413 (CEPMSG)
FOUND END-OF-CARD WHEN EXPECTING DATA BLOCK NAME OR DELIMITER, DURING PROCESSING OF ABOVE %1 CARD

413.9 *** USER FATAL MESSAGE 413 (CEPMSG)

FOUND NUMERIC VALUE WHEN EXPECTING PARAMETER NAME,
DURING PROCESSING OF %1 CARD

413.10 *** USER FATAL MESSAGE 413 (CEPMSG)
FOUND END-OF-CARD WHEN EXPECTING PARAMETER NAME,
DURING PROCESSING OF %1 CARD

413.11 *** USER FATAL MESSAGE 413 (CEPMSG)
FOUND NUMERIC VALUE WHEN EXPECTING PARAMETER NAME,
DELIMITER, OR END-OF-CARD, WHILE PROCESSING %1 CARD

414.0 *** SYSTEM FATAL MESSAGE 414 (CEPMSG)
DMAP INSTRUCTION %1 NOT FOUND IN DMAP LIBRARY
** USER ACTION: NOTIFY SIEMENS PLM SOFTWARE CUSTOMER
SUPPORT.

415.0 *** USER FATAL MESSAGE 415 (CEPMSG)
%1 DMAP INSTRUCTION REQUIRES AT LEAST TWO DATA BLOCKS

416.0 *** USER FATAL MESSAGE 416 (CEPMSG)
NO DATA BLOCK NAME(S) SPECIFIED ON THIS %1 CARD

418.0 *** USER FATAL MESSAGE 418 (CEPMSG)
DATA BLOCK NAME(S) AND PARAMETER NAME NOT DELIMITED
BY '/' ON %1 CARD

419.0 *** USER FATAL MESSAGE 419 (CEPMSG)
NO PARAMETER NAME SPECIFIED ON THIS %1 CARD

420.0 *** USER FATAL MESSAGE 420 (CEPMSG)
EXTRANEOUS DATA FOUND AFTER PARAMETER NAME, BUT
BEFORE DELIMITER OR END-OF-CARD.
DATA IS IGNORED FOR THIS %1 STATEMENT

421.0 *** USER FATAL MESSAGE 421 (CEPMSG)
USE OF 'S,Y', 'S,N', 'V,N', OR 'V,Y' IS INVALID FOR PARAMETERS
USED ON %1 STATEMENTS
** USER ACTION: REMOVE INVALID SYNTAX AND RERUN

421.1 *** USER FATAL MESSAGE 421 (CEPMSG)
USE OF 'S' OR 'V' IS INVALID FOR PARAMETERS USED ON %1
STATEMENTS
** USER ACTION: REMOVE INVALID SYNTAX AND RERUN

422.0 *** SYSTEM INFORMATION MESSAGE 422 (CEPMSG)
FOR COMPILATION PURPOSES %1 WILL BE USED AS THE
PARAMETER NAME FOR THIS %2 STATEMENT

423.0 *** USER FATAL MESSAGE 423 (ATTDBS)
THE FOLLOWING PHYSICAL FILE DOES NOT EXIST
%1
THIS FILE IS A PART OF THE M A S T E R DBSET OF THE DELIVERY
DATABASE BEING ATTACHED TO THIS RUN.
User information:

The MASTER dbset is required for all runs which use an existing database. If the MASTER has been allocated to several physical files, then all of these files must be available for all runs using the database set. Also, see Error Reports 3652 in section 17.2 of NX NASTRAN Reference Manual.

424.0 *** USER FATAL MESSAGE 424 (CEXPRS)
THE EXPRESSION FOUND IN AN IF, DO WHILE, OR WHERE STATEMENT IS NOT ENCLOSED IN PARENTHESES.
User information:
First check that the expression is enclosed in parentheses. If it is, then check the offending statement for syntax. It is possible that the expression has been improperly entered.

425.0 *** USER FATAL MESSAGE 425 (MODXTR) -
TOO MANY CONTINUATION CARDS DETECTED ON A %1 STATEMENT.
INVALID CONTINUATION CARD IMAGE IS: %2
USER ACTION: SIMPLIFY EXPRESSION.
USER INFORMATION: MAXIMUM ALLOWABLE NUMBER OF CONTINUATIONS IS %3 CARD IMAGES, OR %4 CHARACTERS.

425.1 *** USER FATAL MESSAGE 425
TOO MANY CONTINUATION CARDS DETECTED ON AN IF OR A DO WHILE STATEMENT, OR ON A DBVIEW WHERE CLAUSE.
INVALID CONTINUATION CARD IMAGE IS: %1
USER ACTION: SIMPLIFY EXPRESSION.
USER INFORMATION: MAXIMUM ALLOWABLE NUMBER OF CONTINUATIONS IS 6 CARD IMAGES, OR 432 CHARACTERS.

426.0 *** USER FATAL MESSAGE 426 (XTRLEF)
THE FOLLOWING KEYWORD(S) ARE ILLEGAL FOR THE %1 COMMAND
%2

426.1 *** USER FATAL MESSAGE 426 (XCSOL2)
THE FOLLOWING KEYWORD(S) ARE ILLEGAL FOR THE SOL EXECUTIVE CONTROL COMMAND
%1

426.2 *** USER FATAL MESSAGE 426 (XCSACM)
THE FOLLOWING KEYWORD(S) ARE ILLEGAL FOR THE COMPILE EXECUTIVE CONTROL COMMAND
%1

426.3 *** USER FATAL MESSAGE 426 (RDUPDT)
THE FOLLOWING KEYWORD(S) ARE ILLEGAL FOR THE DBUPDATE EXECUTIVE CONTROL COMMAND
%1

426.4 *** USER FATAL MESSAGE 426 (RDSECU)
THE FOLLOWING KEYWORD(S) ARE ILLEGAL FOR THE SECURITY

COMMAND
%1

426.5 *** USER FATAL MESSAGE 426 (RDREST)
THE FOLLOWING KEYWORD(S) ARE ILLEGAL FOR THE RESTART COMMAND
%1

426.6 *** USER FATAL MESSAGE 426 (RDPROJ)
THE FOLLOWING KEYWORD(S) ARE ILLEGAL FOR THE PROJECT COMMAND
%1

426.7 *** USER FATAL MESSAGE 426 (RDINIT)
THE FOLLOWING KEYWORD(S) ARE ILLEGAL FOR THE INIT EXECUTIVE CONTROL COMMAND
%1

426.8 *** USER FATAL MESSAGE 426 (RDFIX)
THE FOLLOWING KEYWORD(S) ARE ILLEGAL FOR THE DBFIX COMMAND
%1

426.9 *** USER FATAL MESSAGE 426 (RDEXPN)
THE FOLLOWING KEYWORD(S) ARE ILLEGAL FOR EXPAND EXECUTIVE CONTROL COMMAND
%1

426.10 *** USER FATAL MESSAGE 426 (RDDIRP)
THE FOLLOWING KEYWORD(S) ARE ILLEGAL FOR DBDIR EXECUTIVE CONTROL COMMAND
%1

426.11 *** USER FATAL MESSAGE 426 (RDDBCL)
THE FOLLOWING KEYWORD(S) ARE ILLEGAL FOR THE DBCLEAN EXECUTIVE CONTROL COMMAND.
%1

426.12 *** USER FATAL MESSAGE 426 (IFSLFT)
THE FOLLOWING KEYWORD(S) ARE ILLEGAL OR REPEATED ON THE %1 BULK ENTRY
%2

426.13 *** USER FATAL MESSAGE 426 (CHKSTR)
THE FOLLOWING KEYWORD(S) ARE ILLEGAL FOR THE %1 COMMAND.
%2

427.0 *** SYSTEM FATAL MESSAGE 427 (CLOPBK)
THE LOPBLK TABLE HAS EXCEEDED ITS MAXIMUM %1 NUMBER OF ENTRIES
USER INFORMATION: THIS TABLE CONTAINS THE SCRATCH DATABLOCKS TO BE DELETED AT THE TOP OF EACH LOOP)

USER ACTION: USE FILE=SAVE OPTION TO SAVE THE SCRATCH DATABLOCK OUTPUT INSIDE LOOPS.
NOTIFY SIEMENS PLM SOFTWARE CUSTOMER SUPPORT OF THIS ERROR.
PROGRAMMER ACTION: INCREASE TABLE SIZE OF LOPBLK AND LOPMAX.

428.0 *** USER FATAL MESSAGE 428 (COSGEN)
ALTER %1 IS OUT OF RANGE. LAST DMAP NUMBER IS %2
User information:
When modifying a DMAP using Alter statements, the line numbers on the Alter statement must be within the range of the line numbers of the DMAP being modified.

428.1 *** USER FATAL MESSAGE 428 (CKALTR)
DMAP LINE NUMBER K1 IS OUT OF RANGE. LAST DMAP LINE NUMBER IS:%1

429.0 *** USER WARNING MESSAGE 429 (CPARAM)
THE CHARACTER CONSTANT USED AS PARAMETER NUMBER %1 HAS BEEN TRUNCATED TO '%2'.
USER INFORMATION: TRUNCATION MAY RESULT IN AMBIGUOUS OR INCORRECT PROCESSING.
User information:
This means that a character constant has been defined using more characters than are allowed based on either the "TYPE PARM" statement or in the NDDL. Any characters beyond the defined length will be truncated.

430.0 *** USER FATAL MESSAGE 430 (CPARAM)
C,N AND C,Y CONSTANT FORMATS ARE NO LONGER SUPPORTED.
%1 CONSTANT FORMAT FOUND IN PARAMETER NUMBER %2
USER ACTIONS: 1. CHANGE BCD CONSTANTS TO QUOTED CHARACTER STRINGS
2. CHANGE NUMERIC CONSTANTS TO NUMERIC VALUES ONLY
3. CHANGE PARAMETER NAMES TO V,N OR V,Y FORMAT

431.0 *** USER WARNING MESSAGE 431 (CPARAM)
THE DEFAULT VALUE FOR AN NDDL TYPED PARAMETER IS IGNORED FOR PARAMETER NUMBER %1
USER INFORMATION: NDDL DEFAULTS MUST BE SET IN NDDL DECK
Defaults may not be assigned on the TYPE PARM,NDDL statement.

432.0 *** SYSTEM FATAL MESSAGE 432 (LCFENT)
INSUFFICIENT OPEN CORE AVAILABLE TO STORE DBENTRY OF THE LOCATED DATA BASE

432.1 *** SYSTEM WARNING MESSAGE 432 (DIRPT2)
INSUFFICIENT OPEN CORE AVAILABLE TO STORE THE REMAINING TRAILER RECORDS.

USER INFORMATION: THE REMAINING RECORDS HAVE BEEN TRUNCATED.

432.2 *** SYSTEM FATAL MESSAGE 432 (CPYNDL)
INSUFFICIENT OPEN CORE AVAILABLE TO COPY NDDL TABLES TO THE PRIMARY DATA BASE

434.0 *** SYSTEM WARNING MESSAGE 434 (CSCDMP)
UNABLE TO LOCATE PARAMETER NUMBER %1 IN VPS FOR INSTRUCTION %2

435.0 *** SYSTEM WARNING MESSAGE 435 (CSCXRF)
UNEXPECTED END-OF-FILE ON OSCAR TRAILERS DURING PROCESSING OF THE CROSS REFERENCE

435.1 *** SYSTEM WARNING MESSAGE 435 (CSCDMP)
UNEXPECTED END-OF-FILE FOUND DURING PROCESSING OF CROSS REFERENCE.

436.0 *** SYSTEM WARNING MESSAGE 436 (CSCDMP)
OPEN CORE OVERFLOW IN CROSS REFERENCE. CROSS REFERENCE TERMINATED.

437.0 *** SYSTEM FATAL MESSAGE 437 (CSTORE)
LOGIC ERROR. TYPE VARIABLE %1 IS NOT VALID

438.0 *** USER WARNING MESSAGE 438 (CSTRNG)
THE CHARACTER STRING ABOVE HAS BEEN TRUNCATED FROM %1 CHARACTERS TO THE CURRENT LIMIT OF 80 CHARACTERS
User information:
There is a limit of 80 characters for any single character string.
It would be best to use two or more character parameters, rather than one.

440.0 *** USER FATAL MESSAGE 440 (CVIEW)
ERROR IN PARSING DBVIEW DMAP STATEMENT.

441.0 *** SYSTEM FATAL MESSAGE 441 (CVIEW)
ERROR IN PROCESSING DBVIEW DMAP STATEMENT. OVERFLOW IN DBVIEW OSCAR TRAILER RECORD.
USER ACTION: PLEASE NOTIFY SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

443.0 *** USER FATAL MESSAGE 443 (DBALOC)
THE SUBDMAP %1 REFERENCED BY THE SOL, LINK OR COMPILE STATEMENT WAS NOT FOUND ON THE %2 DBSET.
User information:
See also Error Report 2992 in section 17.4 of NX NASTRAN Reference Manual.

444.0 *** USER FATAL MESSAGE 444 (DBALOC)
LINKAGE OF THE SOLUTION SEQUENCE HAS FAILED BECAUSE THE OBJECT FILE FOR SUBDMAP %1 WAS NOT FOUND ON THE %2 DBSET.

445.0 *** USER FATAL MESSAGE 445 (DBALOC)
THE EXECUTABLE (OSCAR) FILE FOR SUBDMAP %1WAS NOT FOUND ON THE %2 DBSET.
USER INFORMATION: THE EXECUTABLE WAS NEVER CREATED.
USER ACTION: SUBMIT RUN TO COMPILE AND LINK THIS SUBDMAP.

446.0 *** SYSTEM FATAL MESSAGE 446 (XCL300)
ERROR ATTEMPTING TO %1 A FILE (LOGICAL= %2) FOR DBSET SCRATCH WITH READ AND WRITE PRIVILEGES.
USER ACTION: CHECK THE AVAILABLE/ALLOCATED SPACE AND THE PRIVILEGES GRANTED THIS ACCOUNT.
User information:
This may occur if BUFFSIZE is too large. See the NX NASTRAN Installation and Operations Instructions for maximum allowable value.
This error may occur if the corresponding ASSIGN statement references an incorrect physical file specification.
Another possible cause is two restart jobs trying to access (read/write) the same database simultaneously. DBLOCATing (read only) the same database by two jobs is acceptable.
Another cause is if a restart is attempted from a database in which the MASTER is split into multiple physical files. An avoidance is to explicitly point to the physical name associated with the MASTER DBsets on ASSIGN statements. See Error Report 2953 in section 17.4 of NX NASTRAN Reference Manual.

446.1 *** SYSTEM FATAL MESSAGE 446
ERROR ATTEMPTING TO CREATE A FILE (LOGICAL= %1) FOR DBSET %2 WITH READ AND WRITE PRIVILEGES.
USER ACTION: CHECK THE AVAILABLE/ALLOCATED SPACE AND THE PRIVILEGES GRANTED THIS ACCOUNT.

446.2 *** SYSTEM FATAL MESSAGE 446 (DBCRT)
ERROR ATTEMPTING TO OPEN A FILE (LOGICAL= %1) FOR DBSET %2 WITH READ PRIVILEGE.
USER ACTION: CHECK THE READ PRIVILEGE GRANTED THIS FILE.

446.4 *** SYSTEM FATAL MESSAGE 446 (DBCRT)
ERROR ATTEMPTING TO OPEN A FILE (LOGICAL= %1) FOR DBSET %2 WITH READ AND WRITE PRIVILEGES.
USER ACTION: CHECK THE READ AND WRITE PRIVILEGES GRANTED THIS FILE.

447.0 *** SYSTEM FATAL MESSAGE 447 (DBCRT)
ERROR ATTEMPTING TO CREATE A PHYSICAL FILE WITH READ_ONLY OPTION.
USER INFORMATION: LOGICAL FILE = %1 OF DBSET %2

449.0 *** SYSTEM FATAL MESSAGE 449 (DBDEF2)
THE FILE ASSIGNMENT TABLE (DBSPACE) CONTAINS NO

INFORMATION FOR THE %1 DBSET.
PROGRAMMER INFORMATION: THE XFIST1 ARRAY HAS INFORMATION ABOUT THIS DBSET EITHER BY DEFAULT OR AS STORED BY THE RDINIT
SUBROUTINE AFTER PROCESSING INIT CARDS. THIS INFORMATION DOES NOT MATCH THE DBSPACE TABLE CONTENTS.

450.0 *** SYSTEM FATAL MESSAGE 450 (DBMAP)
DBMAP FILE NOT IN FIST. UNABLE TO OPEN FOR DBSET = %1

450.1 *** SYSTEM FATAL MESSAGE 450 (DBDIR)
DBDIR FILE NOT IN FIST. UNABLE TO OPEN FOR DBSET = %1

452.0 *** SYSTEM FATAL MESSAGE 452 (DBNADD)
THE DATA BASE DIRECTORY FILE (DBNAME) IS FULL. NO ADDITIONAL SUBDMAPS CAN BE ADDED TO THE DBSET %1
USER ACTION: MODIFY COMPILE CARD TO STORE SUBDMAP ON A PREVIOUSLY USED DBSET
PROGRAMMER INFORMATION: VARIABLES OF INTEREST ARE: DBNBOT = %2 DBNTOP = %3 LSTDBN = %4 DBSET = %5

453.0 *** USER FATAL MESSAGE 453 (LCXSIZ)
THE DATABASE WITH DBSNO=%1 DOES NOT CONTAIN A COMPILED NDDL.
THE DBSNO NUMBERS ARE PRINTED NEAR THE TOP OF THE EXECUTION SUMMARY TABLE.

453.1 *** USER FATAL MESSAGE 453 (LCXLOD)
THE DATABASE NUMBER (IDBSNO)=%1 BEING USED IN THIS RUN DOES NOT HAVE ENOUGH INFORMATION TO START FROM.

453.2 *** USER FATAL MESSAGE 453 (DBOLD)
THE DATABASE WITH DBSNO=%1 DOES NOT CONTAIN A COMPILED NDDL.
THE DBSNO NUMBERS ARE PRINTED NEAR THE TOP OF THE EXECUTION SUMMARY TABLE.

457.0 *** SYSTEM FATAL MESSAGE 457 (DBOLD)
INSUFFICIENT CORE TO READ ONE RECORD FROM THE FILE ASSIGNMENT (DBSPACE) TABLE
USER ACTION: INCREASE OPEN CORE SIZE
PROGRAMMER INFORMATION: NWDS = %1
THE AMOUNT OF OPEN CORE REQUIRED IN DBOLD IS :
%2 * (MAXIMUM NUMBER OF PHYSICAL FILES OF THE %3 DATABASE

458.0 *** SYSTEM FATAL MESSAGE 458 (LCLDBS)
THE MASTER DBSET ON THE LOCATED DATABASE HAS A BUFFSIZE REQUIREMENT EXCEEDING THE BUFFSIZE USED FOR THIS RUN.
USER INFORMATION: A SYSTEM BUFFER OF %1 HAS BEEN

DEFINED FOR THIS RUN.
USER ACTION: ADD FOLLOWING KEYWORD TO DATA DECK:%2BUFFSIZE=%3

458.1 *** SYSTEM FATAL MESSAGE 458 (DBOLD)
A DBSET ON THE %1 DATABASE HAS A BUFFSIZE REQUIREMENT EXCEEDING THE BUFFSIZE USED FOR THIS RUN.
USER INFORMATION: A SYSTEM BUFFER OF %2 HAS BEEN DEFINED FOR THIS RUN.
USER ACTION: ADD THE FOLLOWING KEYWORD TO THE NASTRAN (EMAS) CARD: BUFFSIZE=%3

458.3 *** SYSTEM FATAL MESSAGE 458 (DBDEF)
THE MASTER DBSET ON THE PRIMARY DATABASE HAS A BUFFSIZE REQUIREMENT EXCEEDING THE BUFFSIZE USED FOR THIS RUN.
USER INFORMATION: A SYSTEM BUFFER OF %1 HAS BEEN DEFINED FOR THIS RUN.
USER ACTION: ADD THE FOLLOWING KEYWORD TO THE %2 CARD: BUFFSIZE=%3

458.4 *** SYSTEM FATAL MESSAGE 458 (ATTDBS)
THE MASTER DBSET ON THE DELIVERY DATABASE HAS A BUFFSIZE REQUIREMENT EXCEEDING THE BUFFSIZE USED FOR THIS RUN.
USER INFORMATION: A SYSTEM BUFFER OF %1 HAS BEEN DEFINED FOR THIS RUN.
USER ACTION: ADD THE FOLLOWING KEYWORD TO THE NASTRAN CARD: BUFFSIZE=%2

459.0 *** USER FATAL MESSAGE 459 (DBPREQ)
SHORT RECORD ENCOUNTERED IN TRANSACTION FILE (%1).
USER INFORMATION: THIS INDICATES THAT THE DATABASE HAS BEEN DESTROYED AND IS IRRECOVERABLE.
USER ACTION: DELETE AND RE-GENERATE THE DATABASE.

460.0 *** USER FATAL MESSAGE 460 (DBPREQ)
THE TRANSACTION TABLE HAS EXCEEDED AVAILABLE OPEN CORE.
USER ACTION: RE-SUBMIT THIS JOB WITH A LARGER HICORE AND WITH ALL DBSETS ATTACHED TO CLEAN UP THE TRANSACTION FILE
USER INFORMATION: SEE THE EXECUTION SUMMARY FILE FOR THE LIST OF UNATTACHED DBSETS.

461.0 *** USER FATAL MESSAGE 461 (DBSCIN)
THE PHYSICAL FILE ASSIGNED TO THE %1 DBSET ALREADY EXISTS.
USER ACTIONS: DELETE THE FOLLOWING FILE AND RESUBMIT THE JOB.

%2

462.0 *** USER FATAL MESSAGE 462 (DBSPC)
THE FOLLOWING PHYSICAL FILE NAME EXCEEDS THE MAXIMUM NUMBER OF CHARACTERS ALLOWED.
%1
USER INFORMATION: THE CURRENT LIMIT IS %2 CHARACTERS.

462.1 *** USER FATAL MESSAGE 462 (DBSEXP)
THE PHYSICAL FILE NAME FOLLOWING EXCEEDS THE MAXIMUM NUMBER OF CHARACTERS ALLOWED NAMES IN THE DBSPACE TABLE
%1
USER INFORMATION: THE CURRENT LIMIT IS %2 CHARACTERS.

463.0 *** USER FATAL MESSAGE 463 (DBSPC)
THE NUMBER OF ASSIGNED PHYSICAL FILE NAMES FOR THE %1 DBSET EXCEEDS %2
User information:
There is a limit on the number of physical files which may exist in one DBSET. Check Section 2 in the NX NASTRAN Quick Reference Guide for the limits. If you need more files than are allowed, there are several options: 1)Create a new DBSET; 2) Use DBUNLOAD and DBLOAD
to unload the DBSET and then to load it back using larger files.

465.0 *** USER FATAL MESSAGE 465
THE LINK TABLE FOR SUBDMAP %1 DOES NOT EXIST.
USER ACTIONS:
1. ENSURE THAT THE SUBDMAP IS THE APPROPRIATE MAIN SUBDMAP
2. ENSURE THAT THE SUBDMAP WAS LINKED PROPERLY.
USER INFORMATION: THE LINK TABLE IS DESCRIBED UNDER THE LINK STATEMENT.

465.1 *** USER FATAL MESSAGE 465 (OSCRIN)
THE OSCAR LIST FILE FOR SUBDMAP %1 IS EMPTY, OR IT WAS NEVER CREATED.
USER ACTIONS:
1. MAKE SURE THAT THE SUBDMAP WAS CREATED AS A MAIN SUBDMAP
2. MAKE SURE THAT THE SUBDMAP WAS LINKED PROPERLY.

466.1 *** SYSTEM FATAL MESSAGE 466 (DBSWRT)
ATTEMPT TO WRITE FILE ASSIGNMENT (DBSPACE) TABLE TO MASTER DBSET FAILED.
THE CORE-RESIDENT FILE ASSIGNMENT (DBSPACE) TABLE IS EMPTY
USER ACTION: SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT

PROGRAMMER INFORMATION: VALUES OF INTEREST
DBSTOP = %1 DBSBOT = %2 LSTDBS = %3
IF THE ABOVE VALUES SEEM UNREASONABLE THEN /XSPACE/ COMMON BLOCK HAS BEEN OVERWRITTEN

467.0 *** USER FATAL MESSAGE 467
THE MAXIMUM NUMBER OF CALLS WITHIN %1 MAIN SUBDMAP HAS BEEN EXCEEDED.
USER INFORMATION: THE MAXIMUM NUMBER OF CALLS IN THIS VERSION IS %2
User information:
Combine subDMAPs in order to alleviate this problem.

467.1 *** USER FATAL MESSAGE 467 (OSCRIN)
THE MAXIMUM NUMBER OF CALLS WITHIN %1 MAIN SUBDMAP HAS BEEN EXCEEDED.
USER INFORMATION: THE MAXIMUM NUMBER OF CALLS IN THIS VERSION IS 50

468.0 *** USER FATAL MESSAGE 468
THE DBSET %1 IS NOT PART OF ANY DATA BASE ATTACHED TO THIS RUN, INDICATING IT WAS NOT ALLOCATED FOR THIS RUN.

469.0 *** SYSTEM FATAL MESSAGE 469 (DGETTS)
THE WRONG TIME STAMP BLOCK WAS READ FOR THE FOLLOWING PHYSICAL FILE NAME:
%1
User information:
Each database file created by NX NASTRAN contains a "time stamp" indicating the time the file was initially created. The MASTER dbset contains a record of these time stamps and NX NASTRAN compares these values. This message indicates that a file attached has a different time stamp than expected. Check the files to verify they are correct. If you are sure they are, there is a System Cell (135 or TSTAMP) that turns off this checking.

470.0 *** USER FATAL MESSAGE 470 (LCLDBS)
THE LOGICAL NAME %1 WAS ASSIGNED TO THE FOLLOWING PHYSICAL FILE, WHICH DOES NOT EXIST.
%2
%3
USER ACTION: CHECK FILE ASSIGNMENTS.

471.0 *** SYSTEM FATAL MESSAGE 471 (DGETTS)
ERROR ATTEMPTING TO CLOSE THE FOLLOWING PHYSICAL FILE NAME:
%1

471.1 *** SYSTEM FATAL MESSAGE 471 (DGETTS)
ERROR ATTEMPTING TO OPEN THE FOLLOWING PHYSICAL FILE NAME (PFILEX=%1) :

%2
USER ACTION: 1) CHECK THE READ/WRITE PRIVILEGES GRANTED THIS FILE.
2) CHECK MAXIMUM NUMBER OF FILES THAT MAY BE OPENED SIMULTANEOUSLY.
3) CHECK THAT THIS DATABASE FILE IS COMPATIBLE WITH THIS PLATFORM.
4) ENSURE THAT NO OTHER JOB HAS OPENED THE DATABASE FOR UPDATING.
User information:
NX NASTRAN is attempting to read information from a file for which the system is not allowing access.

471.2 *** SYSTEM FATAL MESSAGE 471 (DPR3IJ/DPSP23/DSECAS)
ERROR ATTEMPTING TO OPEN DATA BLOCK FILE NUMBER %1
USER ACTION: CONTACT CUSTOMER SUPPORT

472.0 *** USER FATAL MESSAGE 472 (DBSEXP)
THE PHYSICAL FILE FOLLOWING AND REFERENCED BY THE EXPAND COMMAND WITH THE LOGICAL NAME OF %1 ALREADY EXISTS.
%2
USER INFORMATION: FILES BEING ASSIGNED BY EXPAND COMMANDS CANNOT EXIST PRIOR TO THEIR ASSIGNMENTS.

474.0 *** USER INFORMATION MESSAGE 474 (GNADD)
THE %1 FOR SUBDMAP %2 HAS BEEN REPLACED BY THE CURRENT ONE ON %3 DBSET

475.0 *** SYSTEM FATAL MESSAGE 475 (GNADD)
LOGIC ERROR - THE %1 FOR SUBDMAP %2 HAS BEEN EQUIVALENCED TO ANOTHER FILE (SUBDMAP) IN DBSET %3
USER ACTION: SET THE OBJOUT OR OSCAROUT OF THIS SUBDMAP TO SCRATCH DBSET.

476.0 *** USER FATAL MESSAGE 476 (GPFILX)
THE LOGICAL NAME %1 ASSIGNED TO A PHYSICAL FILE NAME OF THE %2 DATA BASE, DOES NOT EXIST.
USER INFORMATION: PHYSICAL FILE NAME = %3

477.0 *** USER FATAL MESSAGE 477 (GPFILX)
THE LOGICAL NAME %1 OF THE %2 DATABASE IS AUTO-ASSIGNED TO THE FOLLOWING ASSOCIATED PHYSICAL FILE NAME:%3
THE TIME STAMP OF THIS PHYSICAL FILE DOES NOT MATCH THE ONE IN THE FILE ASSIGNMENT (DBSPACE) TABLE.
USER ACTION: CHECK OR RE-CREATE THE %4 DATABASE TO RESOLVE THIS ERROR

478.0 *** SYSTEM FATAL MESSAGE 478 (GPFILX)
THE FOLLOWING LOGICAL NAME, PART OF THE %1 DATA BASE,

HAS A NULL TIME STAMP.
USER INFORMATION: LOGICAL NAME = %2

479.0 *** USER FATAL MESSAGE 479 (LCLDBS)
THE REQUESTED LOGICAL NAME %1 WAS NOT ASSIGNED.
USER ACTION: CHECK FILE ASSIGNMENTS.
User information:
This error may be issued if the LOGICAL keyword on DBLOCATE references a reserved logical name such as DBC, PUNCH, etc.

480.0 *** SYSTEM INFORMATION MESSAGE 480
JOB TERMINATED DUE TO ABOVE ERROR(S)

480.1 *** SYSTEM INFORMATION MESSAGE 480 (XSEMIN)
JOB TERMINATED DUE TO ENDJOB OPTION.

480.2 *** SYSTEM INFORMATION MESSAGE 480 (XSEMIN)
JOB TERMINATED DUE TO NOEXE OPTION ON SOL CARD OR NOGO OPTION ON COMPILER CARD.

480.3 *** SYSTEM INFORMATION MESSAGE 480 (XSEMIN)
JOB TERMINATED DUE TO LACK OF SOL CARD IN EXECUTIVE CONTROL SECTION.

480.4 *** SYSTEM INFORMATION MESSAGE 480 (XSEMIN)
JOB TERMINATED DUE TO ABOVE ERRORS IN THE DMAP/NDDL LINKAGE EDITOR (LINKER)

480.5 *** SYSTEM INFORMATION MESSAGE 480 (XSEMIN)
JOB TERMINATED DUE TO ABOVE ERRORS IN THE DMAP COMPILER (XGPI)

480.6 *** SYSTEM INFORMATION MESSAGE 480 (XSEMIN)
JOB TERMINATED DUE TO ABOVE ERRORS IN THE NDDL COMPILER.

480.7 *** SYSTEM INFORMATION MESSAGE 480 (XSEMIN)
JOB TERMINATED DUE TO ABOVE ERRORS IN THE NDDL AND DMAP COMPILERS.

480.8 *** USER INFORMATION MESSAGE 480 (XSEMIN)
JOB TERMINATED DUE TO LACK OF SOL, COMPILE, OR LINK CARDS IN THE EXECUTIVE CONTROL SECTION.

480.9 *** SYSTEM INFORMATION MESSAGE 480
JOB TERMINATED DUE TO ABOVE ERROR(S) IN THE FILE MANAGEMENT SECTION.

480.11 *** SYSTEM INFORMATION MESSAGE 480 (LCLDBS)
JOB TERMINATED DUE TO ABOVE ERRORS IN THE LCLDBS/DBLOCATE

480.12 *** SYSTEM INFORMATION MESSAGE 480 (DBINIT)
JOB TERMINATED DUE TO ENDJOB OPTION

480.16 *** USER/SYSTEM FATAL/WARNING/INFORMATION MESSAGE 480

(EVLMSG)
JOB TERMINATED DUE TO ABOVE ERROR(S) IN THE %1 STATEMENT PROCESSOR.

482.0 *** SYSTEM INFORMATION MESSAGE 482 (UNDRVR)
NO %1 DATA HAS BEEN UNLOADED FROM THE DATABASE TO UNIT %2.

482.1 *** SYSTEM INFORMATION MESSAGE 482 (UNDRVR)
%1 PARAMETER(S) HAVE BEEN UNLOADED FROM THE DATABASE TO UNIT %2 IN %3 FORMAT.

482.2 *** SYSTEM INFORMATION MESSAGE 482 (UNDRVR)
%1 DATABLOCK(S) HAVE BEEN UNLOADED FROM THE DATABASE TO UNIT %2 IN %3 FORMAT.

482.3 *** SYSTEM INFORMATION MESSAGE 482 (LDDRVR)
NO %1 DATA HAS BEEN LOADED TO THE DATABASE FROM UNIT %2.

482.4 *** SYSTEM INFORMATION MESSAGE 482 (LDDRVR)
%1 PARAMETER(S) HAVE BEEN LOADED TO THE DATABASE FROM UNIT %2 IN %3 FORMAT.

482.5 *** SYSTEM INFORMATION MESSAGE 482 (LDDRVR)
%1 DATABLOCK(S) HAVE BEEN LOADED TO THE DATABASE FROM UNIT %2 IN %3 FORMAT.

482.6 *** SYSTEM INFORMATION MESSAGE 482 (LCDRVR)
NO DATA HAS BEEN LOCATED ON THE %1 DATABASE.

482.7 *** SYSTEM INFORMATION MESSAGE 482 (LCDRVR)
%1 PARAMETER(S) HAVE BEEN LOCATED ON THE %2 DATABASE.
System information:
This is an information message which results when using DBLOCATE.

482.8 *** SYSTEM INFORMATION MESSAGE 482 (LCDRVR)
%1 DATABLOCK(S) HAVE BEEN LOCATED ON THE %2 DATABASE.
System information:
This is an information message which results when using DBLOCATE.

482.9 *56* SYSTEM INFORMATION MESSAGE 482 (DBEQIV)
NO DATA HAS BEEN LOCATED ON THE PRIMARY DATABASE.

482.10 *56* SYSTEM INFORMATION MESSAGE 482 (DBEQIV)
%1 PARAMETER(S) HAVE BEEN LOCATED ON THE PRIMARY DATABASE.

482.11 *56* SYSTEM INFORMATION MESSAGE 482 (DBEQIV)
%1 DATABLOCK(S) HAVE BEEN LOCATED ON THE PRIMARY DATABASE.

482.12 *56* SYSTEM INFORMATION MESSAGE 482 (DBDELE)
NO DATA HAS BEEN DELETED ON THE PRIMARY DATABASE.

482.13 *56* SYSTEM INFORMATION MESSAGE 482 (DBDELE)

%1 PARAMETER(S) HAVE BEEN DELETED ON THE PRIMARY DATABASE.

482.14 *56* SYSTEM INFORMATION MESSAGE 482 (DBDELE)
%1 DATABLOCK(S) HAVE BEEN DELETED ON THE PRIMARY DATABASE.

483.0 *** USER FATAL MESSAGE 483 (UNLDBP)
THE %1 NAME = %2 CANNOT BE FOUND IN THE NDDL OF THE PRIMARY DATA BASE.
USER ACTION: MAKE SURE THAT THE ABOVE %3 NAME EXISTS IN THE NDDL OF THIS DATABASE.

483.1 *** USER FATAL MESSAGE 483 (LCDRVR)
THE DATABLOCK/PARAMETER NAME = %1 CANNOT BE FOUND IN THE NDDL OF %2 DATA BASE.
USER ACTION: MAKE SURE ABOVE DATABLOCK/PARAMETER NAME EXISTS IN THE NDDL OF THIS DATA BASE.

483.2 *** USER FATAL MESSAGE 483
THE DATABLOCK/PARAMETER NAME = %1 CANNOT BE FOUND IN THE NDDL OF PRIMARY DATA BASE.
USER ACTION: MAKE SURE ABOVE DATABLOCK/PARAMETER NAME EXISTS IN THE NDDL OF THIS DATA BASE.

485.0 *** SYSTEM FATAL MESSAGE 485 (TMALOC)
THE QUALIFIER NAME %1 CANNOT BE FOUND IN THE PATH TABLE

487.0 *** SYSTEM FATAL MESSAGE 487 (VWDRVR)
THE KEY USED IN CREATING THE DBVIEW DATA BLOCK WAS NOT FOUND.
USER ACTION: SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

487.1 *** SYSTEM FATAL MESSAGE 487 (LCFENT)
THE PATH USED IN CREATING THE LOCATE DATA BLOCK WAS NOT FOUND.

487.2 *** SYSTEM WARNING MESSAGE 487 (DIRPT3)
THE QUALIFIER USED IN SEARCHING FOR DATA BLOCKS WAS NOT FOUND.
USER ACTION: SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

487.3 *** SYSTEM FATAL MESSAGE 487 (DBALO2)
THE PATH USED IN CREATING THE LOCATE DATA BLOCK WAS NOT FOUND.
USER ACTION: SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

493.0 *** SYSTEM FATAL MESSAGE 493 (VWDRVR)
THE LENGTH OF THE STRING WHICH HOLDS THE QUALIFIERS

AND THEIR VALUES FOR DATABLOCK %1 EXCEEDS THE LIMIT OF%2.
USER ACTION:
1) REDUCE NUMBER OF QUALIFIERS FOR THE DATABLOCK IN THE NDDL SEQUENCE.
2) CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION:
1) WLEN = %3
2) NWLEN = %4
3) STRING =

494.0 *** SYSTEM FATAL MESSAGE 494 (LTMVPS)
THE TEMPORARY VPS TABLE USED IN PROCESSING USER-SUPPLIED EQUATIONS HAS OVERFLOWED.
USER ACTIONS: SIMPLIFY EQUATION AND NOTIFY SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

495.0 *** USER WARNING MESSAGE 495 (DBSPC)
THE BUFFSIZE OF DBSET %1, ON DATABASE NUMBER %2 IS UNABLE TO BE PROCESSED.
A SYSTEM DEFAULT BUFFSIZE = %3 HAS BEEN SELECTED FOR THIS DBSET.

496.0 *** USER FATAL MESSAGE 496 (XCSOL2)
THE DBSET NAME %1 IS NOT IN THE DBSPACE TABLE
USER INFORMATION: THE DBSET WAS NOT ASSIGNED TO THIS RUN
USER ACTIONS: CHECK SPELLING OF DBSET NAME AND ASSIGNMENT OF CORRECT MASTER DBSET TO THIS RUN

497.0 *** USER FATAL MESSAGE 497 (OSCRIN)
THE DBSET %1 CONTAINING THE EXECUTABLES (OSCARS) HAS BEEN ATTACHED TO THIS RUN.
USER ACTION: REMOVE SOLIN KEYWORD FROM THE SOL CARD TO LINK THIS SOLUTION SEQUENCE.

498.0 *** USER WARNING MESSAGE 498 (DBSPC)
YOU HAVE SELECTED A BUFFER SIZE OF %1 FOR THE MASTER DBSET, WHICH IS DIFFERENT THAN SCRATCH BUFFER SIZE OF%2
THIS IS NOT ALLOWED WITH MASTER(RAM) OPTION.
THE SCRATCH BUFFER SIZE %3 HAS BEEN SELECTED.

498.1 *** USER WARNING MESSAGE 498 (DBSPC)
YOU HAVE SELECTED A BUFFER SIZE OF %1 FOR THE SCRATCH DBSET, WHICH IS DIFFERENT THAN MASTER BUFFER SIZE OF%2
THIS IS NOT ALLOWED WITH MASTER(RAM) OPTION.
THE SCRATCH BUFFER SIZE %3 HAS BEEN SELECTED.

499.0 *** USER INFORMATION MESSAGE 499 (PRLINK)
SUBDMAP %1 WILL BE LINKED.

500.0 *** USER FATAL MESSAGE 500 (GETLIN)

I/O ERROR ENCOUNTERED READING %2 FILE. IOSTAT = %1.
USER ACTION: CHECK STATUS OF FILE OR FILESYSTEM.
FILE IS '%3'
ERROR MESSAGE IS '%4'

501.0 *** SYSTEM FATAL MESSAGE 501 (GETLIN)
INTERNAL LOGIC ERROR ENCOUNTERED. INCLUDE PROCESSING FOUND INVALID HANDLE.
HANDLE VALUE IS %1.

502.0 *** USER FATAL MESSAGE 502 (CVIEW1)
THE VIEW NAME AND DATABLOCK NAME ARE IDENTICAL ON THE DBVIEW %1 = %1 STATEMENT.

505.0 *** USER FATAL MESSAGE 505 (XCSA)
CONTROL CARD %1 IS ILLEGAL
User information:
The statement preceding Message 505 cannot be processed correctly. This message may also be issued if an invalid character; such as a control character appears on the statement. See Table 1 in Section 3.1 for valid characters.

506.0 *** USER FATAL MESSAGE 506 (XCSA)
CONTROL CARD %1 DUPLICATED
User information:
The statement preceding Message 506 cannot be input more than once.

507.0 *** USER FATAL MESSAGE 507 (XCSA)
ILLEGAL SPECIFICATION OR FORMAT ON PRECEDING CARD
User information:
Executive control statements cannot have equal (=) signs.

508.0 *** USER FATAL MESSAGE 508 (XCSA)
PROBLEM TAPE MUST BE ON PHYSICAL TAPE FOR CHECK POINTING

510.0 *** SYSTEM FATAL MESSAGE 510 (XCSA)
CHECKPOINT DICTIONARY EXCEEDS CORE SIZE - REMAINING RESTART CARDS IGNORED

511.0 *** SYSTEM FATAL MESSAGE 511 (XCSA)
DMAP SEQUENCE EXCEEDS CPRE SIZE - REMAINING DMAP INSTRUCTIONS IGNORED
System information:
There is no more open core. Split the DMAP sequence somewhere prior to where Message 511 was printed out.

511.1 *** SYSTEM FATAL MESSAGE 511 (XCSA)
NDDL SEQUENCE EXCEEDS CORE SIZE - REMAINING NDDL INSTRUCTIONS IGNORED

512.0 *** USER FATAL MESSAGE 512 (XCSA)
OLD PROBLEM TAPE IS MISSING AND IS NEEDED FOR RESTART

515.0 *** USER FATAL MESSAGE 515 (XCSA)
END INSTRUCTION MISSING IN DMAP SEQUENCE
User information:
DMAP sequence must end with END control card. (END must begin in column 1.)

519.0 *** USER FATAL MESSAGE 519 (XCSA)
ID CARD MUST PRECEDE ALL OTHER CONTROL CARDS
User information:
ID statement must come before all other statements except the NASTRAN and FMS statements. Although the ID statement is documented as being an optional comment statement, if it is used, it must be before all other Executive Control statements.

520.0 *** USER FATAL MESSAGE 520 (XCSA)
CONTROL CARD %1 IS MISSING

521.0 *** USER FATAL MESSAGE 521 (XCSA)
SPECIFY A SOLUTION OR A DMAP SEQUENCE, BUT NOT BOTH

522.0 *** USER FATAL MESSAGE 522 (XCSA)
NEITHER A VALID SOL CARD NOR A DMAP SEQUENCE WAS INCLUDED

526.0 *** USER FATAL MESSAGE 526 (XCSA)
CHECKPOINT DICTIONARY OUT OF SEQUENCE - REMAINING RESTART CARDS IGNORED

527.0 *** USER FATAL MESSAGE 527 (DOMSOL)
THE VALUE ASSIGNED TO THE DOMAIN SOLVER OPTION %1 IS INVALID OR MISSPELLED.

528.0 *** USER FATAL MESSAGE 528 (DOMSOL)
THE %1 DOMAIN SOLVER METHOD IS INVALID OR MISSPELLED.

529.0 *** USER FATAL MESSAGE 529 (DOMSOL)
THE DOMAIN SOLVER OPTION %1 IS INVALID OR MISSPELLED.

530.0 *** USER FATAL MESSAGE 530 (DOMSOL)
THE DOMAIN SOLVER OPTION %1 IS NOT SUPPORTED FOR THE %2 METHOD.

531.0 *** SYSTEM WARNING MESSAGE 531 (DOMSOL)
THE %1 DOMAIN SOLVER METHOD IS NOT SUPPORTED IN THE %2 SOLUTION SEQUENCE.
USER INFORMATION: THE DOMAIN SOLVER METHOD WILL BE IGNORED FOR THIS RUN.

532.0 *** USER FATAL MESSAGE 532 (DOMSOL)
THE SELECTED COMBINATION OF DOMAIN SOLVER METHODS %1 IS NOT SUPPORTED
IN THE %2 SOLUTION SEQUENCE.

533.0 *** SYSTEM WARNING MESSAGE 533 (DOMSOL)

THE NUMBER OF PROCESSORS SPECIFIED ON THE DMP KEYWORD OF THE NASTRAN SUBMITTAL COMMAND--DMP=%3-- IS NOT EQUAL TO THE NUMBER OF DOMAINS SPECIFIED FOR THE %1 DOMAIN SOLVER METHOD--NUMDOM=%2.
USER INFORMATION: NUMDOM WILL BE RESET TO %3.

534.0 *** USER FATAL MESSAGE 534 (DOMSOL)
THE %1 DOMAIN SOLVER METHOD IS NOT SUPPORTED IN A %2 RUN.

535.0 *** SYSTEM WARNING MESSAGE 535 (DOMSOL)
THE NUMBER OF DOMAINS SPECIFIED FOR THE FDMODES DOMAIN SOLVER METHOD--NUMDOM=%2--EXCEEDS THE MAXIMUM LIMIT OF %1.
USER INFORMATION: NUMDOM WILL BE RESET TO %1.

536.0 *** USER FATAL MESSAGE 536 (DOMSOL)
THE NUMBER OF DOMAINS HAS NOT BEEN SPECIFIED.
USER INFORMATION: FOR SERIAL EXECUTION OF THE %1 DOMAIN SOLVER METHOD, NUMDOM MUST BE SPECIFIED.

600.0 *** USER WARNING MESSAGE 600 (IFP1D)
NO TEXT AVAILABLE FOR MESSAGE %1

601.0 *** USER WARNING/FATAL MESSAGE 601 (IFP1D)
THE KEYWORD ON THE ABOVE CARD TYPE IS ILLEGAL OR MISSPELLED.
User information:
Case Control expects each command to begin with a keyword (usually 4 characters in length). To remove the error, consult the Case Control command descriptions, Section 4 of the NX NASTRAN Quick Reference Guide, and spell your request correctly.
This occurs for SURFACE and VOLUME commands that are not in the OUTPUT(POST) section.

602.0 *** USER WARNING/FATAL MESSAGE 602 (IFP1D)
TWO OR MORE OF THE ABOVE CARD TYPES DETECTED WHERE ONLY ONE IS
LEGAL. THE LAST FOUND WILL BE USED.
User information:
Remove the command with the duplicate meaning. Note that some commands have alternate forms.

602.1 *** USER WARNING MESSAGE 602 (IFP1)
TWO OR MORE DESCRIBERS OF CKGAP(GRID, GAUSS, BOTH) ARE DETECTED.
ONLY THE LAST FOUND WILL BE USED.

603.0 *** USER WARNING/FATAL MESSAGE 603 (IFP1D)
THE ABOVE CARD DOES NOT END PROPERLY. COMMENTS SHOULD BE PRECEDED BY A DOLLAR SIGN.
User information:

Case Control commands of the form, name - value, should not contain more than one value. Consult the Case Control command descriptions, Section 4 of the NX NASTRAN Quick Reference Guide, for a complete description of the command or precede the comments with a dollar sign.

604.0 *** USER WARNING/FATAL MESSAGE 604 (IFP1D)
THE ABOVE CARD HAS A NON-INTEGER IN AN INTEGER FIELD.
User information:
Consult the Case Control command descriptions, Section 4 of the NX NASTRAN Quick Reference Guide, for legal values.

605.0 *** USER WARNING/FATAL MESSAGE 605 (IFP1D)
A SYMSEQ OR SUBSEQ CARD APPEARS WITHOUT A SYMCOM OR SUBCOM CARD.
User information:
SYMSEQ or SUBSEQ commands must appear in a subcase defined by a SYMCOM
or SUBCOM command. Check the Case Control and relabel the combination subcase.

606.0 *** USER WARNING/FATAL MESSAGE 606 (IFP1D)
INVALID USE OF TEMPERATURE DEPENDENT MATERIALS OCCURS AT THE SUBCASE LEVEL. ONLY ONE SUCH CARD IS ALLOWED PER PROBLEM OR PER SUPERELEMENT.

607.0 *** USER WARNING/FATAL MESSAGE 607 (IFP1D)
A REPCASE CARD MUST BE PRECEDED BY A SUBCASE CARD
User information:
A REPCASE subcase is an attempt to reoutput the previously computed case; therefore, it cannot be the first subcase.

608.0 *** USER WARNING/FATAL MESSAGE 608 (IFP1D)
THE SET ID SPECIFIED ON THE ABOVE CARD MUST BE DEFINED PRIOR TO THIS CARD.
User information:
Set identification numbers must be specified prior to their use.
Also sets specified within a subcase are valid only within that subcase.
Redefine the errant set (or define a required set) or move the set out of the subcase it is in.

609.0 *** USER WARNING/FATAL MESSAGE 609 (IFP1D)
THE SUBCASE NUMBER SPECIFIED VIOLATES ONE OR MORE OF THE FOLLOWING RULES :
A. EACH MUST BE A POSITIVE INTEGER.
B. EACH MUST BE GREATER THAN THE PREVIOUS.
C. EACH MUST BE LESS THAN 9999999.

610.0 *** USER WARNING/FATAL MESSAGE 610 (IFP1D)
THE VALUE FOLLOWING THE EQUAL SIGN ON THE ABOVE CARD IS ILLEGAL.
User information:

Case control cannot identify the value after the equal sign. Consult the Case Control command descriptions, Section 4 of the NX NASTRAN Quick Reference Guide. For example, only real data can follow SUBSEQ and SUBCOM commands--not integers.

611.0 *** USER WARNING/FATAL MESSAGE 611 (IFP1D)
TEN CARDS HAVE ILLEGAL KEY WORDS. THE PROGRAM ASSUMES BEGIN BULK CARD IS MISSING. IT WILL NOW PROCESS YOUR BULK DATA.
User information:
In Case Control, only ten key words may be misspelled. A common source of this error may be the omission of the OUTPUT(PLOT) or OUTPUT(XYOUT) delimiter commands.

612.0 *** USER WARNING/FATAL MESSAGE 612 (IFP1D)
DUPLICATE KEYWORDS ENCOUNTERED ON ABOVE CARD.

613.0 *** USER WARNING/FATAL MESSAGE 613 (IFP1D)
THE ABOVE SET CONTAINS -EXCEPT- WHICH IS NOT PRECEDED BY -THRU-.
User information:
Only identification numbers included by the THRU keyword may be expected.
Simplify the SET request.

614.0 *** USER WARNING/FATAL MESSAGE 614 (IFP1D)
THE ABOVE SET IS BADLY SPECIFIED.
User information:
Simplify the SET list.

615.0 *** USER WARNING/FATAL MESSAGE 615 (IFP1D)
AN IMPROPER OR NO NAME GIVEN TO THE ABOVE SET.
User information:
SET lists must have integer names. This SET list does not have one. SET 10 = is an example of the correct format. Give the SET a correct integer name.

616.0 *** USER WARNING/FATAL MESSAGE 616 (IFP1D)
-EXCEPT- CANNOT BE FOLLOWED BY -THRU-. LIST EXPLICITLY ALL EXCEPTIONS.
User information:
EXCEPT in SET list can only be followed by integers. An integer larger than the THRU pair terminates the THRU. Either list exceptions explicitly, use two THRUs or terminate the first THRU.

617.0 *** USER WARNING/FATAL MESSAGE 617 (IFP1D)
A NON POSITIVE INTEGER APPEARS IN A POSITIVE POSITION
User information:
Most integer values specified on Case Control command must be positive. The above command either has a negative integer or a character value in a positive position. See Section 4 of the

NX NASTRAN Quick Reference Guide.

618.0 *** USER FATAL MESSAGE 618 (IFP1D)
INVALID DESCRIBER ON RIGID CASE CONTROL CARD.
USER INFORMATION: THE VALID DESCRIBERS ARE LINEAR AND LAGRANGE

619.0 *** USER FATAL MESSAGE 619 (IFP1D)
THE RIGID CASE CONTROL CARD MUST COME BEFORE THE FIRST SUBCASE CARD

620.0 *** USER FATAL MESSAGE 620 (IFP1D)
THE UNIT KEYWORD IS MISSING FROM THE MBDEXPORT OP4 COMMAND

621.1 *** USER FATAL MESSAGE 621 (IFP1)
WHEN THE RMAXMIN CARD IS USED FOR SOLUTION SEQUENCE 101, ALL SUBCASES
MUST MAKE IDENTICAL OUTPUT REQUESTS. THIS RUN CONTAINS DIFFERENT
OUTPUT REQUESTS FOR STRESS.
THE RMAXMIN REQUEST HAS BEEN DISABLED FOR THIS RUN.

621.2 *** USER FATAL MESSAGE 621 (IFP1)
WHEN THE RMAXMIN CARD IS USED FOR SOLUTION SEQUENCE 101, ALL SUBCASES
MUST MAKE IDENTICAL OUTPUT REQUESTS. THIS RUN CONTAINS DIFFERENT
OUTPUT REQUESTS FOR DISPLACEMENT.
THE RMAXMIN REQUEST HAS BEEN DISABLED FOR THIS RUN.

621.3 *** USER FATAL MESSAGE 621 (IFP1)
WHEN THE RMAXMIN CARD IS USED FOR SOLUTION SEQUENCE 101, ALL SUBCASES
MUST MAKE IDENTICAL OUTPUT REQUESTS. THIS RUN CONTAINS DIFFERENT
OUTPUT REQUESTS FOR ELEMENT FORCE.
THE RMAXMIN REQUEST HAS BEEN DISABLED FOR THIS RUN.

622.0 *** USER WARNING MESSAGE 622 (IFP1D)
IC(TZERO) IS ONLY VALID FOR SOLUTION SEQUENCE 112 (SEMTRAN); IT WILL BE IGNORED FOR THIS SOLUTION.

623.0 *** USER WARNING MESSAGE 623 (IFP1D)
SUBCOM OR SYMCOM COMBINES A SUBCASE CONTAINING A TEMP(LOAD)
OR TEMP(BOTH) CARD; HOWEVER, THE SUBCOM OR SYMCOM DOES NOT
CONTAIN A TEMP(LOAD) CARD. THUS, THE SUBCOM OR SYMCOM MAY
INCORRECTLY ACCOUNT FOR THE EFFECTS OF THE TEMP(LOAD) IN THE

SUBCASE.

624.0 *** USER WARNING MESSAGE 624 (IFP1D)
SUBCOM OR SYMCOM COMBINES A SUBCASE CONTAINING A DEFORM
CARD; HOWEVER, THE SUBCOM OR SYMCOM DOES NOT CONTAIN A
DEFORM CARD. THUS, THE SUBCOM OR SYMCOM MAY INCORRECTLY
ACCOUNT FOR THE EFFECTS OF THE DEFORM IN THE SUBCASE.

625.0 *** USER WARNING/FATAL MESSAGE 625 (IFP1D)
TOO LARGE ID ON PRECEDING SUBCASE TYPE CARD. ALL ID-S MUST BE LESS THAN 9,999,999
User information:
Reduce the size of the subcase identification number. Note also that character string subcase identification numbers are not legal.

626.0 *** USER WARNING/FATAL MESSAGE 626 (IFP1D)
SUBCOM SUBCASE DOES NOT HAVE A SUBSEQ CARD.
User information:
A SUBCOM SUBCASE must contain a SUBSEQ command to define the linear combination coefficients.

627.0 *** USER WARNING/FATAL MESSAGE 627 (IFP1D)
THE ABOVE SUBCASE HAS BOTH A STATIC LOAD AND A REAL EIGENVALUE METHOD SELECTION--REMOVE ONE.
User information:
The buckling solution requires two subcases: one for statics and one for buckling. Both a load and a method selection cannot appear in the same subcase.

628.0 *** USER WARNING/FATAL MESSAGE 628 (IFP1D)
THERMAL, DEFORMATION, AND EXTERNAL LOADS CANNOT HAVE THE SAME SET IDENTIFICATION NUMBER.
User information:
Set IDs specified on the LOAD, TEMP(LOAD), and DEFRM Case Control commands must be unique.

629.0 *** USER WARNING/FATAL MESSAGE 629 (IFP1D)
ECHO CARD HAS REPEATED OR UNRECOGNIZABLE SPECIFICATION DATA. REPEATED SPECIFICATIONS WILL BE IGNORED.
UNRECOGNIZABLE SPECIFICATIONS WILL BE TREATED AS SORT.
User information:
See Section 4 of the NX NASTRAN Quick Reference Guide.

630.0 *** USER WARNING/FATAL MESSAGE 630 (IFP1D)
ECHO CARD WITH -NONE- SPECIFICATION HAS ADDITIONAL SPECIFICATIONS WHICH WILL BE IGNORED.
User information:

See Section 4 of the NX NASTRAN Quick Reference Guide.

631.0 *** USER WARNING/FATAL MESSAGE 631 (IFP1D)
TWO OR MORE TEMPERATURE(INIT) CARDS AND/OR TEMPERATURE(MATE) CARDS DETECTED WHERE ONLY ONE IS ALLOWED.
User information:
Only one TEMPERATURE(INIT) or TEMPERATURE(MATE) command is required
for temperature initialization. Remove the extra command(s).

632.0 *** USER WARNING/FATAL MESSAGE 632 (IFP1D)
USING THE MATERIAL OPTION IN THE TEMPERATURE CASE CONTROL CARD WILL RESULT IN UPDATING OF MATERIAL PROPERTIES ONLY ONCE. USE THE INITIAL OPTION IN THE TEMPERATURE CASE CONTROL CARD FOR UPDATING OF MATERIAL
PROPERTIES AT EVERY LOAD ITERATION IN MATERIAL NON-LINEAR ANALYSIS.

633.0 *** USER WARNING/FATAL MESSAGE 633 (IFP1D)
INCONSISTENT USE OF TEMPERATURE CASE CONTROL CARD. EITHER A TEMPERATURE(INIT), TEMPERATURE(MATERIAL) OR A TEMPERATURE(BOTH) CASE CONTROL CARD IS ALLOWED PER RUN.
User information:
Use TEMP(LOAD) and TEMP(MATERIAL) together, or TEMP(BOTH) by itself.

634.0 *** USER WARNING/FATAL MESSAGE 634 (IFP1D)
SERST CASE CONTROL ENTRY SUPPORTS KEYWORDS SEMI OR SEDR ONLY

635.0 *** USER WARNING/FATAL MESSAGE 635 (IFP1D)
WRONG FORMAT OF DATA FOR THE EVEN FIELD ON CONTOUR CARD

636.0 *** USER WARNING/FATAL MESSAGE 636 (IFP1D)
THE TRIM AND DIVERG COMMANDS MAY NOT BE SPECIFIED IN THE SAME SUBCASE.

637.0 *** USER WARNING/FATAL MESSAGE 637 (IFP1D)
THE TYPE USED ON AN ANALYSIS CASE CONTROL ENTRY IS INVALID.

638.0 *** USER WARNING/FATAL MESSAGE 638 (IFP1D)
A SPACE IS REQUIRED BETWEEN THE SET COMMAND AND THE SET ID.

639.0 *** USER WARNING/FATAL MESSAGE 639 (IFP1D)
YOU MAY NOT SPECIFY BOTH MAX AND MIN FOR OBJECTIVE THE DEFAULT VALUE OF MIN WILL BE USED.

640.0 *** USER WARNING/FATAL MESSAGE 640 (IFP1D)
YOU MAY NOT SPECIFY THIS CASE CONTROL ENTRY AT THE SUBCASE LEVEL.

641.0 *** USER WARNING/FATAL MESSAGE 641 (IFP1D)
CSSCHD=ALL IS NOT ALLOWED.
USER INFORMATION: SPECIFY CSSCHD=NONE OR CSSCHD=n WHERE n IS A CONTROL SURFACE SCHEDULE ID.

642.0 *** USER FATAL MESSAGE 642 (IFPERR)
THE ABOVE CASE CONTROL COMMAND OR KEYWORD, %1, IS AMBIGUOUS.
USER ACTION: SPECIFY EITHER %2 OR %3

643.0 *** USER FATAL MESSAGE 643 (IFPERR)
AERO SYMMETRY CASE CONTROL COMMAND: %1 SPECIFIES AN ILLEGAL VALUE: %2
USER INFORMATION: LEGAL VALUES ARE: ANTISYMMETRIC, ASYMMETRIC, AND SYMMETRIC.

644.0 *** USER FATAL MESSAGE 644 (IFP1)
THE NUMBER OF %1 COEFFICIENTS, %2 , HAS EXCEEDED THE MAXIMUM ALLOWABLE %3 .

644.1 *** USER INFORMATIONAL MESSAGE 644 (IFP1)
NONLINEAR CASE CONTROL CARD NOT VALID IN SOLUTION SEQUENCE %1 .
IT WILL BE IGNORED.

644.2 *** USER WARNING MESSAGE 644 (IFPMDE)
MODALE NOT VALID IN SOLUTION SEQUENCE %1 .

644.3 *** USER WARNING MESSAGE 644 (IFP1)
TSTEP IN SUBCASE IS IGNORED.

644.4 *** USER FATAL MESSAGE 644 (IFP1)
THE USE OF TEMP(MATE) OR TEMP(BOTH) IS NOT ALLOWED IN SOL401.

644.5 *** USER FATAL MESSAGE 644 (IFP1)
WHEN SYS440 = 0, TEMP(INIT) MUST BE SPECIFIED ABOVE THE SUBCASE LEVEL
FOR ALL LINEAR SOLUTIONS.

644.6 *** USER FATAL MESSAGE 644 (IFP1)
IF TEMPERATURE DEPENDENT MATERIAL PROPERTIES ARE SPECIFIED VIA MATTI CARDS,
THE FOLLOWING MAT2 CARDS MAY NOT REFLECT TEMP(LOAD) OR TEMP(INIT) MATERIAL
PROPERTIES BECAUSE THE MATERIAL PROPERTIES LISTED BELOW ARE EVALUATED AT TREF
WHICH IS SPECIFIED ON THE PCOMP/PCOMPG CARDS. IF TEMP(LOAD) OR TEMP(INIT)

IS SPECIFIED, THE MATERIAL PROPERTIES ASSOCIATED WITH THE PCOMP/PCOMPG WILL
BE RE-EVALUATED WHEN NEEDED.

644.7 *** USER FATAL MESSAGE 644 (IFP1)
NSM MUST BE SPECIFIED ABOVE THE SUBCASE LEVEL.

644.8 *** USER FATAL MESSAGE 644 (IFP1)
A SUBCASE CAN NOT HAVE BOTH TEMP(LOAD) AND DTEMP CARD.

644.9 *** USER FATAL MESSAGE 644 (IFP1)
ADAPTERR MUST BE SPECIFIED ABOVE THE SUBCASE LEVEL.

645.0 *** USER WARNING/FATAL MESSAGE 645 (IFP1D)
THE OUTPUT(POST) AND SETS DEFINITION COMMANDS CANNOT BE SPECIFIED AT THE SAME TIME.

646.0 *** USER FATAL MESSAGE 646 (IFP1D)
ILLEGAL OR UNRECOGNIZABLE OPTION SPECIFIED ON THE ABOVE MAXMIN STATEMENT.

647.0 *** USER WARNING MESSAGE 647 (IFP1FC)
ERROR DETECTED IN ABOVE CASE CONTROL COMMAND %1.
PROGRAMMER INFORMATION: DETECTED A NEGATIVE COUNT, WHEN EXPECTING A POSITIVE GROUP COUNTER,
A CONTINUATION INDICATOR, OR AN END OF ENTRY INDICATOR WHILE PROCESSING
ABOVE COMMAND.
USER INFORMATION: ATTEMPTING TO CONTINUE PROCESSING

648.0 *** USER FATAL MESSAGE 648 (IFP1FC)
INVALID CASE CONTROL COMMAND STRUCTURE DETECTED ON ABOVE %1 ENTRY.
USER INFORMATION: A DESCRIBER NAME WAS EXPECTED, BUT NOT FOUND.

649.0 *** USER WARNING MESSAGE 649 (IFP1FC)
AN EQUAL SIGN WAS MISSING BETWEEN THE CASE CONTROL DESCRIBER %2 AND ITS VALUE DURING
ABOVE %1 ENTRY PROCESSING.
USER INFORMATION: THE DATA FOLLOWING THE DESCRIBER IS HOLLERITH.

649.1 *** USER WARNING MESSAGE 649 (IFP1FC)
AN EQUAL SIGN WAS MISSING BETWEEN THE CASE CONTROL DESCRIBER %2 AND ITS VALUE DURING
ABOVE %1 COMMAND PROCESSING.
USER INFORMATION: THE DATA FOLLOWING THE DESCRIBER IS NUMERIC.

649.2 *** USER WARNING MESSAGE 649 (IFP1FC)
AN OPEN PARENTHESIS WAS MISSING BETWEEN THE CASE

CONTROL DESCRIBER %2 AND ITS COMPOUND VALUE DURING ABOVE %1 COMMAND PROCESSING.
USER INFORMATION: THE DATA FOLLOWING THE DESCRIBER IS HOLLERITH.

649.3 *** USER WARNING MESSAGE 649 (IFP1FC)
AN OPEN PARENTHESIS WAS MISSING BETWEEN THE CASE CONTROL DESCRIBER %2 AND ITS COMPOUND VALUE DURING ABOVE %1 COMMAND PROCESSING.
USER INFORMATION: THE DATA FOLLOWING THE DESCRIBER IS NUMERIC.

650.0 *** USER WARNING MESSAGE 650 (IFP1FC)
DETECTED A PREMATURE END OF THE CASE CONTROL COMMAND %1 PROCESSING DESCRIBER %2.
USER INFORMATION: THE DESCRIBER IS IGNORED.

650.1 *** USER WARNING MESSAGE 650 (IFP1FC)
DETECTED A PREMATURE END OF THE CASE CONTROL COMMAND %1 PROCESSING DESCRIBER %2.
USER INFORMATION: THE DESCRIBER IS IGNORED.

651.0 *** USER FATAL MESSAGE 651 (IFP1FC)
INVALID HOLLERITH VALUE %3 SPECIFIED FOR %1 CASE CONTROL DESCRIBER %2.
USER INFORMATION: VALID VALUES ARE: ALL (-1) AND NONE (0)

651.1 *** USER FATAL MESSAGE 651 (IFP1FC)
INVALID HOLLERITH VALUE %3 SPECIFIED FOR %1 CASE CONTROL DESCRIBER %2.
USER INFORMATION: VALID VALUES ARE: NONE (-1) AND ALL (0)

651.2 *** USER FATAL MESSAGE 651 (IFP1FC)
INVALID HOLLERITH VALUE %3 SPECIFIED FOR %1 CASE CONTROL DESCRIBER %2.
USER INFORMATION: VALID VALUES ARE: ALL (-1) AND NOPRINT (-2)

651.3 *** USER FATAL MESSAGE 651 (IFP1FC)
INVALID HOLLERITH VALUE %3 SPECIFIED FOR %1 CASE CONTROL DESCRIBER %2.
USER INFORMATION: VALID VALUES ARE: DESCENDING (1), ASCENDING (2),
ABSOLUTE (10), REAL (20), IMAGINARY (30), PHASE (40)

651.4 *** USER FATAL MESSAGE 651 (IFP1FC)
INVALID HOLLERITH VALUE %3 SPECIFIED FOR %1 CASE CONTROL DESCRIBER %2.
USER INFORMATION: VALID VALUES ARE: YES AND NO

651.5 *** USER FATAL MESSAGE 651 (IFP1FC)
INVALID HOLLERITH VALUE %3 SPECIFIED FOR %1 CASE

CONTROL DESCRIBER %2.
USER INFORMATION: VALID VALUES ARE: PEAK AND RMS

651.6 *** USER FATAL MESSAGE 651 (IFP1FC)
INVALID HOLLERITH VALUE %3 SPECIFIED FOR %1 CASE CONTROL DESCRIBER %2.
USER INFORMATION: VALID VALUES ARE: YES (0) AND NO (-1)
INVALID HOLLERITH VALUE %3 SPECIFIED FOR %1 CASE CONTROL DESCRIBER %2.
USER INFORMATION: VALID VALUES ARE: PUNCH AND STOP

652.0 *** USER FATAL MESSAGE 652 (IFP1FC)
BOTH HOLLERITH VALUES (%3,%4) SPECIFIED FOR THE %1 CASE CONTROL DESCRIBER %2 ARE INVALID.
USER INFORMATION: VALID VALUES ARE ONE OF:
DESCENDING (1), ASCENDING (2),
AND ONE OF:
ABSOLUTE (10), REAL (20), IMAGINARY (30), PHASE (40)

652.1 *** USER FATAL MESSAGE 652 (IFP1FC)
ONE OF THE HOLLERITH VALUES (%3,%4) SPECIFIED FOR %1 CASE CONTROL DESCRIBER %2 IS INVALID.
USER INFORMATION: VALID VALUES ARE ONE OF:
DESCENDING (1), ASCENDING (2),
AND ONE OF:
ABSOLUTE (10), REAL (20), IMAGINARY (30), PHASE (40)

653.0 *** USER FATAL MESSAGE 653 (IFP1FC)
INVALID CASE CONTROL DESCRIBER %2 SPECIFIED ON %1 COMMAND.
USER INFORMATION: VALID DESCRIBERS ARE:
ARF, ARS, FEPS, FLUIDMP, GRIDFMP, GRIDMP, OUTFMP, OUTSMP, O2E, PANELMP, PSORT, SEPS, STRUCTMP

653.1 *** USER FATAL MESSAGE 653 (IFP1FC)
INVALID CASE CONTROL DESCRIBER %2 SPECIFIED ON %1 COMMAND.
USER INFORMATION: VALID DESCRIBERS ARE:
FLUIDSE, HFREQ, HFREQFL, LFREQ, LFREQFL, LMODES, LMODESFL

653.2 *** USER FATAL MESSAGE 653 (IFP1FC)
INVALID CASE CONTROL DESCRIBER %2 SPECIFIED ON %1 COMMAND.
USER INFORMATION: VALID DESCRIBERS ARE:
ACOUT, ACSYM, ASCOUP, PREFDB, SKINOUT, AGGPCH, SFEF70

654.0 *** USER FATAL MESSAGE 654 (IFP1FC)
INVALID INTEGER VALUE %3 SPECIFIED FOR %1 CASE CONTROL DESCRIBER %2.
USER INFORMATION: VALID VALUES ARE:

-1 = ALL
0 = NONE
>0

654.1 *** USER FATAL MESSAGE 654 (IFP1FC)
INVALID INTEGER VALUE %3 SPECIFIED FOR %1 CASE CONTROL DESCRIBER %2.
USER INFORMATION: VALID VALUES ARE:
-1 = NONE
0 = ALL
>0

654.2 *** USER FATAL MESSAGE 654 (IFP1FC)
INVALID INTEGER VALUE %3 SPECIFIED FOR %1 CASE CONTROL DESCRIBER %2.
USER INFORMATION: VALID VALUES ARE:
-2 = NOPRINT
-1 = NONE
0 = ALL
>0

654.3 *** USER FATAL MESSAGE 654 (IFP1FC)
INVALID INTEGER VALUE %3 SPECIFIED FOR %1 CASE CONTROL DESCRIBER %2.
USER INFORMATION: VALID VALUES ARE SUM OF:
ONE OF THE FOLLOWING,
0 (DEFAULT), 1 (DESCENDING), AND 2 (ASCENDING)
AND ONE OF THE FOLLOWING,
0 (DEFAULT), 10 (ABSOLUTE), 20 (REAL), 30 (IMAGINARY), 40 (PHASE)

654.4 *** USER FATAL MESSAGE 654 (IFP1FC)
INVALID INTEGER VALUE %3 SPECIFIED FOR %1 CASE CONTROL DESCRIBER %2.
USER INFORMATION: VALID VALUES ARE:
-1 = NO
0 = YES

655.0 *** USER FATAL MESSAGE 655 (IFP1FC)
INVALID DATA TYPE ON SPECIFIED %1 CASE CONTROL DESCRIBER %2.
USER INFORMATION: THIS MAY MEAN THE DESCRIBER SPECIFIED ABOVE IS EITHER INCORRECT OR MISSPELLED.
VALID DESCRIBERS ARE:
ARF, ARS, FEPS, FLUIDMP, GRIDFMP, GRIDMP, OUTFMP, OUTSMP, O2E, PANELMP, PSORT, SEPS, STRUCTMP

655.1 *** USER FATAL MESSAGE 655 (IFP1FC)
INVALID DATA TYPE ON SPECIFIED %1 CASE CONTROL DESCRIBER %2.

USER INFORMATION: THIS MAY MEAN THE DESCRIBER SPECIFIED ABOVE IS EITHER INCORRECT OR MISSPELLED.
VALID DESCRIBERS ARE:
FLUIDSE, HFREQ, HFREQFL, LFREQ, LFREQFL, LMODES, LMODESFL

655.2 *** USER FATAL MESSAGE 655 (IFP1FC)
INVALID DATA TYPE ON SPECIFIED %1 CASE CONTROL DESCRIBER %2.
USER INFORMATION: THIS MAY MEAN THE DESCRIBER SPECIFIED ABOVE IS EITHER INCORRECT OR MISSPELLED.
VALID DESCRIBERS ARE:
ACSYM, ACOUT, ASCOUP, PREFDB

656.0 *** USER FATAL MESSAGE 656 (IFP1FC)
INVALID NUMERIC DATA TYPE SPECIFIED ON %1 CASE CONTROL DESCRIBER %2.
USER INFORMATION: REQUIRED DATA TYPE IS REAL.

656.1 *** USER FATAL MESSAGE 656 (IFP1FC)
INVALID NUMERIC DATA TYPE SPECIFIED ON %1 CASE CONTROL DESCRIBER %2.
USER INFORMATION: REQUIRED DATA TYPE IS INTEGER.

656.2 *** USER FATAL MESSAGE 656 (IFP1FC)
INVALID DATA TYPE SPECIFIED ON %1 CASE CONTROL DESCRIBER %2.
USER INFORMATION: REQUIRED DATA TYPE IS REAL.

656.3 *** USER FATAL MESSAGE 656 (IFP1FC)
INVALID DATA TYPE SPECIFIED ON %1 CASE CONTROL DESCRIBER %2.
USER INFORMATION: REQUIRED DATA TYPE IS HOLLERITH

657.0 *** USER FATAL MESSAGE 657 (IFP1D)
THE UNIT NUMBER ON THE ABOVE CARD HAS NOT BEEN DEFINED ON AN
ASSIGN COMMAND OR IS AN INVALID VALUE.
User information:
Using PSETID=-sktunit on an ADAMSMNF or MBDEXPORT ADAMS case control entry requires that the unit number for the sketch file be defined on ASSIGN SKT='sketch_file.dat',UNIT=sktunit.
Using UNIT=unit_number on a MBDEXPORT OP4 case control entry requires that the unit number for the OP4 file be defined on ASSIGN OUTPUT4='filename',UNIT=unit_number.
Using DMIGOP2=unit_number on an EXTSEOUT case control entry requires that the unit number for the OP2 file be defined on ASSIGN OUTPUT2='filename',UNIT=unit_number. unit_number cannot be 12.
Using MATOP4=unit_number or MATRIXOP4=unit_number on an

EXTSEOUT
case control entry requires that the unit number for the OP4 file
be defined on ASSIGN OUTPUT4='filename',UNIT=unit_number.

658.0 *** USER FATAL MESSAGE 658 (IFP1D)
TEMP(MATERIAL) AND TEMP(BOTH) ARE NOT ALLOWED FOR ADVANCED NONLINEAR.
USE TEMP(INIT) AND TEMP(LOAD) INSTEAD.

659.0 *** USER FATAL MESSAGE 659 (IFP1D)
ADAMSMNF AND MBDEXPORT CASE CONTROL COMMANDS BOTH EXIST
OR MULTIPLE MBDEXPORT CASE CONTROL COMMANDS EXIST.
ONLY ONE IS ALLOWED.

660.0 *** USER WARNING MESSAGE 660 (IFP1D)
ABOVE PARAM CARD IS NOT ALLOWED IN THE CASE CONTROL.
INVALID RESULTS MAY OCCUR. PLEASE MOVE IT TO THE BULK DATA.

661.0 *** USER FATAL MESSAGE 661 (IFP1D)
ONLY 1 OUTPUT MEDIUM MAY BE SPECIFIED ON THE EXTSEOUT CASE
CONTROL ENTRY.

662.0 *** USER FATAL MESSAGE 662 (IFP1D)
EXTID=SEID IS REQUIRED ON THE EXTSEOUT CASE CONTROL ENTRY
WHENEVER ASMBULK, EXTBULK, DMIGPCH, OR MATOP4 ARE SPECIFIED.

663.0 *** USER FATAL MESSAGE 663 (IFP1D)
A VALID UNIT NUMBER IS REQUIRED ON THE EXTSEOUT CASE CONTROL ENTRY
WHEN DMIGOP2 OR MATOP4 ARE SPECIFIED (I.E. SPECIFY DMIGOP2=UNIT OR
MATOP4=UNIT).

664.0 *** USER FATAL MESSAGE 664 (IFP1D)
THE EXTSEOUT CASE CONTROL ENTRY IS NOT SUPPORTED IN THIS SOLUTION
SEQUENCE.

665.0 *** USER WARNING MESSAGE 665 (IFP1D)
IC CASE CONTROL IS NOT VALID FOR THIS SOLUTION SEQUENCE;
IT WILL BE IGNORED.

666.0 *** USER WARNING MESSAGE 666 (IFP1D)
THE DIFFK KEYWORD IS NOT VALID FOR THIS SOLUTION SEQUENCE;
IT WILL BE IGNORED.

667.0 *** USER WARNING MESSAGE 667 (IFP1D)

THE STATSUB KEYWORD IS NOT VALID FOR THIS SOLUTION SEQUENCE;
IT WILL BE IGNORED.

668.0 *** USER FATAL MESSAGE 668 (IFP1D)
STATSUB AND STATSUB,DIFFK CANNOT BOTH APPEAR IN THE SAME EXECUTION.

669.0 *** USER FATAL MESSAGE 668 (IFP1D)
STATSUB AND IC(STATSUB) CANNOT BOTH APPEAR IN THE SAME SUBCASE.

670.0 *** USER WARNING MESSAGE 670 (IFP1D)
DIFFK KEYWORD WITHOUT STATSUB KEYWORD IS MEANINGLESS.
DIFFK KEYWORD WILL BE IGNORED.

671.0 *** USER FATAL MESSAGE 671 (IFP1D)
PHYSICAL, MODAL, STATSUB AND TZERO KEYWORDS CANNOT BE SPECIFIED
ON THE SAME IC ENTRY. ONLY ONE IS ALLOWED.

672.0 *** USER FATAL MESSAGE 672 (IFP1D)
EQUAL SIGN MISSING.

673.0 *** USER WARNING MESSAGE 673 (IFP1D)
IC(MODAL) IS ONLY VALID FOR SOLUTION SEQUENCE 112 (SEMTRAN); IT WILL BE IGNORED FOR THIS SOLUTION.

674.0 *** USER FATAL MESSAGE 674 (IFP1D)
THE VALUE OF EXTID MUST BE >0 AND <= 999999 WHEN USING DMIGSFIX=EXTID.

675.0 *** USER FATAL MESSAGE 675,
ABOVE CARD DOES NOT BEGIN WITH A NON-NUMERIC WORD.
User information:
XYPLOT commands must begin with character data.

676.0 *** USER FATAL MESSAGE 676,
%1 IS NOT RECOGNIZED ON ABOVE CARD.
User information:
Unrecognized XYPLOT command.

677.0 *** USER FATAL MESSAGE 677,
ILLEGAL VALUE SPECIFIED.
User information:
See Section 13.3 of NX NASTRAN Reference Manual.

678.0 *** USER FATAL MESSAGE 678,
%1 CONTRADICTS PREVIOUS DEFINITION.
User information:
Conflicting requests on an XYPLOT command.

679.0 *** USER FATAL MESSAGE 679,

%1 DELIMITER ILLEGALLY USED.
User information:
XYPLOT error; see Section 13.3 of NX NASTRAN Reference Manual.

680.0 *** USER FATAL MESSAGE 680,
%1 IS ILLEGAL IN STATEMENT.
User information:
XYPLOT error; see Section 13.3 of NX NASTRAN Reference Manual.

681.0 *** USER FATAL MESSAGE 681,
%1 IS ILLEGAL IN STATEMENT.
User information:
XYPLOT error; see Section 13.3 of NX NASTRAN Reference Manual.

682.0 *** USER FATAL MESSAGE 682,
%1 IS ILLEGAL IN STATEMENT.
User information:
XYPLOT error; see Section 13.3 of NX NASTRAN Reference Manual.

683.0 *** USER FATAL MESSAGE 683,
TOO MANY SUBCASES. MAXIMUM = 200 ON ANY ONE XY-OUTPUT COMMAND CARD.
User information:
No more than 200 subcases are allowed on an XYPLOT request command.

684.0 *** USER FATAL MESSAGE 684,
SUBCASE-ID IS LESS THAN 1 OR IS NOT IN ASCENDING ORDER.
User information:
Subcases must be positioned in ascending order.

685.0 *** USER FATAL MESSAGE 685,
%1 = POINT OR ELEMENT ID IS ILLEGAL (LESS THAN 1).
User information:
XYPLOT error; see Section 13.3 of NX NASTRAN Reference Manual.

686.0 *** USER FATAL MESSAGE 686,
NEGATIVE OR ZERO COMPONENTS ARE ILLEGAL.
User information:
XYPLOT error; see Section 13.3 of NX NASTRAN Reference Manual.

687.0 *** USER FATAL MESSAGE 687,
ALPHA-COMPONENTS ARE NOT PERMITTED FOR STRESS OR FORCE XY-OUTPUT REQUESTS.

688.0 *** USER FATAL MESSAGE 688,
%1 COMPONENT NAME NOT RECOGNIZED.
User information:
XYPLOT error; see Section 13.3 of NX NASTRAN Reference Manual.

689.0 *** USER FATAL MESSAGE 689,
LAST CARD ENDED WITH A DELIMITER BUT NO CONTINUATION CARD WAS PRESENT.
User information:

XYPLOT error; see Section 13.3 of NX NASTRAN Reference Manual.
If an XYPLOT command ends in a delimiter (i.e., comma or slash)
then the next entry is assumed to be a continuation for that entry.
This error often occurs when a command is longer than 72 characters.
Any characters in columns 73 and on are ignored in the XYPLOT section.

690.0 *** USER FATAL MESSAGE 690,
TYPE OF CURVE WAS NOT SPECIFIED. (E.G. DISPLACEMENT,
STRESS, ETC.).
User information:
XYPLOT error; see Section 13.3 of NX NASTRAN Reference Manual.

691.0 *** USER FATAL MESSAGE 691,
MORE THAN 2 OR UNEQUAL NUMBER OF COMPONENTS FOR ID-S
WITHIN A SINGLE FRAME.
User information:
XYPLOT error; see Section 13.3 of NX NASTRAN Reference Manual.

692.0 *** USER FATAL MESSAGE 692,
XY-OUTPUT COMMAND IS INCOMPLETE.
User information:
XYPLOT error; see Section 13.3 of NX NASTRAN Reference Manual.
This may simply be a command that is too long (that is, a command
that extends into column 73 or beyond). Those columns are not
used in the XYPLOT section.

693.0 *** USER FATAL MESSAGE 693,
INSUFFICIENT CORE FOR SET TABLE.
User information:
Reduce the number of requests or increase memory. Six words are
used for each frame.

694.0 *** USER FATAL MESSAGE 694,
AUTO OR PSDF REQUESTS MAY NOT USE SPLIT FRAME, THUS
ONLY ONE COMPONENT PER ID IS PERMITTED.
User information:
AUTO or PSDF requests may only be specified for full frames.

695.0 *** USER FATAL MESSAGE 695,
COMPONENT VALUE = %1 IS ILLEGAL FOR AUTO OR PSDF
VECTOR REQUESTS.
User information:
XYPLOT error; see Section 13.3 of NX NASTRAN Reference Manual.

696.0 *** USER FATAL MESSAGE 696,
COMPONENT VALUE = %1 IS ILLEGAL FOR VECTOR TYPE
SPECIFIED.
User information:
XYPLOT error; see Section 13.3 of NX NASTRAN Reference Manual.

697.0 *** USER FATAL MESSAGE 697 (IFP1XY).
THE ABOVE COMMAND MUST END WITH ONE INTEGER VALUE.

701.0 *** USER FATAL MESSAGE 701
THE NUMBER OF SUBDMAPS BEING COMPILED EXCEEDS THE MAXIMUM ALLOWED NUMBER OF %1 FOR THIS VERSION.

702.0 *** USER INFORMATION MESSAGE 702 (PRCMPL)
THE NDDL WILL NOT BE COMPILED BECAUSE THE DATA BASE ALREADY EXISTS
User information:
If a run is using an existing database, the valid NDDL for the database is stored in the MASTER. If a new version were to be created, the information on the database would no longer be considered valid, since it would not match the current NDDL.

703.0 *** USER FATAL MESSAGE 703 (XCSA)
DMAP COMPILATION IS NOT ALLOWED WHEN "SOL" STATEMENT REQUESTS "SOLIN="
USER ACTION: REMOVE DMAP COMPILES FROM INPUT AND RESUBMIT
User information:
You can also remove the SOLIN = from the SOL statement and provide the correct information for compiling and linking the solution.

706.0 *** USER FATAL MESSAGE 706 (PRCMPL)
THE SUBDMAP STATEMENT IS MISSING OR THE SUBDMAP NAME IS INCORRECT.
USER ACTION: ASSURE THAT THE SUBDMAP NAME SPECIFIED ON THE SUBDMAP STATEMENT IS THE SAME ON THE COMPILE STATEMENT
User information:
When compiling a user-supplied SUBDMAP, the SUBDMAP must always begin
with a SUBDMAP statement.

707.0 *** USER FATAL MESSAGE 707 (PRCMPL)
THE "SOUIN=" COMPILE OPTION AND INLINE DMAP CANNOT BOTH BE SPECIFIED

708.0 *** USER FATAL MESSAGE 708 (PRCMPL)
THE "SOUIN=" DBSET CANNOT BE A "SCRATCH" DBSET

709.0 *** USER FATAL MESSAGE 709 (PRCMPL)
THE COMPILE COMMAND CANNOT RESTORE SOURCE FROM %1 DBSET, SINCE THIS IS A DATA BASE INITIALIZATION RUN
USER ACTION: CHECK SPELLING OF THE ABOVE SPECIFIED DBSET FOR THE "SOUIN" KEYWORD, OR SUPPLY THE DMAP FOR %2 SUBDMAP
User information:
When creating a database, use the ACQUIRE NDDL FMS statement or SOL xxx, NOEXE to attach the data paths.

710.0 *** USER FATAL MESSAGE 710 (XTRAC4)

NO INFORMATION TO PROCESS ON THE PROJECT KEYWORD

710.1 *** USER FATAL MESSAGE 710 (XCSOL2)
NO INFORMATION TO PROCESS ON SOL STATEMENT

710.2 *** USER FATAL MESSAGE 710 (XCSACM)
NO INFORMATION TO PROCESS ON THE COMPILE EXECUTIVE COMMAND

710.3 *** USER FATAL MESSAGE 710 (XALTER)
EXTRANEOUS DATA FOUND ON %1 STATEMENT.

710.4 *** USER FATAL MESSAGE 710 (RDSECU)
NO INFORMATION TO PROCESS ON SECURITY COMMAND

710.5 *** USER FATAL MESSAGE 710 (RDPROJ)
PROJECT ID MUST BE ENCLOSED IN SINGLE QUOTES

710.6 *** USER FATAL MESSAGE 710 (RDPROJ)
MISSING PROJECT ID ON PROJECT COMMAND

710.7 *** USER FATAL MESSAGE 710 (RDLINK)
NO INFORMATION TO PROCESS ON LINK CARD

710.8 *** USER FATAL MESSAGE 710 (RDINIT)
NO INFORMATION TO PROCESS ON INIT STATEMENT

710.9 *** USER FATAL MESSAGE 710 (RDEXPN)
NO INFORMATION TO PROCESS ON EXPAND STATEMENT

710.10 *** USER FATAL MESSAGE 710 (RDASGN)
NO INFORMATION TO PROCESS ON ASSIGN COMMAND.

710.11 *** USER FATAL MESSAGE 710 (RDACQU)
NO INFORMATION TO PROCESS ON ACQUIRE STATEMENT.

713.0 *** SYSTEM FATAL MESSAGE 713 (PRTNDL)
END-OF-FILE ENCOUNTERED WHILE READING NDDL.

714.0 *** SYSTEM WARNING MESSAGE 714 (PVAPRT)
A DATA BASE PATH WITH KEY NUMBER %1 WAS NOT FOUND IN THE PVA (PATH VALUE TABLE) WHILE PROCESSING DIRECTORY PRINT
INFORMATION FOR THE DATA BLOCK %2
USER INFORMATION: THIS INDICATES A PROBLEM WITH THE POINTERS IN YOUR DATABASE'S MASTER DIRECTORIES
USER ACTION: DELETE THE OFFENDING DATA BLOCK WITH THE FMS SECTION COMMAND --> DBFIX

715.0 *** SYSTEM INFORMATION MESSAGE 715 (RCARD)
THE ALTERNATE SECOND FIELD FORMAT FOR VPS TYPE %1 IS NOT CURRENTLY SUPPORTED.
USER INFORMATION: THIS FIELD WILL BE ASSUMED CHARACTER (VPS TYPE 3) DATA
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

716.0 *** USER FATAL MESSAGE 716 (RDACQU)
AN UNRECOGNIZABLE NDDL NAME APPEARS ON THE ACQUIRE STATEMENT
USER INFORMATION: THE VALID NAMES ARE NDDLOLD AND NDDL FOR THE OLD AND THE NEW SOLUTION SEQUENCES, RESPECTIVELY.

717.0 *** USER WARNING MESSAGE 717 (RDASGN)
RECL SPECIFICATION IS NOT REQUIRED FOR %1 LOGICAL NAME.
USER INFORMATION: ASSIGNED RECL OF %2 WORDS IS REPLACED BY SYSTEM DEFAULT RECL OF 1024 WORDS.

717.1 *** USER WARNING MESSAGE 717 (RDASGN)
RECL SPECIFICATION IS NOT REQUIRED FOR %1 LOGICAL NAME.
USER INFORMATION: RECL IS IGNORED.

717.2 *** USER WARNING MESSAGE 717 (RDASGN)
RECL SPECIFICATION IS NOT REQUIRED FOR WRITING DATA BASE FILES.
USER INFORMATION: RECL IS IGNORED.

717.3 *** USER WARNING MESSAGE 717 (RDASGN)
FORM SPECIFICATION IS NOT REQUIRED FOR WRITING DATA BASE FILES.
USER INFORMATION: FORM IS IGNORED.

717.4 *** USER WARNING MESSAGE 717 (RDASGN)
UNIT SPECIFICATION IS NOT REQUIRED FOR %1 LOGICAL NAME.
USER INFORMATION: UNIT IS IGNORED.

717.5 *** USER WARNING MESSAGE 717 (RDASGN)
UNIT SPECIFICATION IS NOT REQUIRED FOR WRITING DATA BASE FILES.
USER INFORMATION: UNIT IS IGNORED.

717.6 *** USER WARNING MESSAGE 717 (RDASGN)
SIZE SPECIFICATION IS NOT REQUIRED FOR WRITING DATA BASE FILES.
USER INFORMATION: SIZE IS IGNORED.
USER ACTION: USE AN INIT CARD TO SPECIFY THE SIZE.

718.0 *** USER FATAL MESSAGE 718 (RDASGN)
FORM SPECIFICATION IS MISSING ON THIS ASSIGN CARD.

718.1 *** USER FATAL MESSAGE 718 (RDASGN)
STATUS SPECIFICATION IS MISSING ON THIS ASSIGN CARD.

718.2 *** USER FATAL MESSAGE 718 (RDASGN)
RECL SPECIFICATION IS MISSING ON THIS ASSIGN CARD.

718.3 *** USER FATAL MESSAGE 718 (RDASGN)
UNIT SPECIFICATION IS MISSING ON THIS ASSIGN CARD.

718.4 *** USER FATAL MESSAGE 718 (RDASGN)

SIZE SPECIFICATION IS MISSING ON THIS ASSIGN CARD.

719.0 *** USER FATAL MESSAGE 719 (RDREST)
THE SECURITY KEYWORD IS MISSING ON THE RESTART COMMAND.
USER ACTION: REMOVE THE PARENTHESES, IF NO SECURITY IS DEFINED IN THIS DATA BASE.

719.1 *** USER FATAL MESSAGE 719 (RDDIRP)
THE SECURITY KEYWORD IS MISSING ON THE DBDIR COMMAND.
REMOVE PARENTHESES IF NO SECURITY CODE DEFINED IN THIS DATA BASE

719.2 *** USER FATAL MESSAGE 719 (RDDBCL)
THE SECURITY KEYWORD IS MISSING ON THE DBCLEAN COMMAND.
USER ACTION: REMOVE THE PARENTHESES, IF NO SECURITY CODE DEFINED IN THIS DATA BASE

720.0 *** USER FATAL MESSAGE 720 (RDEXPN)
THE EXPAND STATEMENT IS MISSING THE KEYWORD "LOGICAL="

720.1 *** USER FATAL MESSAGE 720 (RDDIRP)
THE DBDIR COMMAND IS MISSING KEYWORD "VERSION=" ID

720.2 *** USER FATAL MESSAGE 720 (RDDBCL)
THE DBCLEAN COMMAND IS MISSING THE KEYWORD "VERSION=" ID

721.0 *** USER FATAL MESSAGE 721 (RDASGN)
ILLEGAL FORM KEYWORD.
USER INFORMATION: THE VALID FORM KEYWORDS ARE: FORMATTED OR UNFORMATTED.

721.1 *** USER FATAL MESSAGE 721 (RDASGN)
INVALID STATUS KEYWORD.
USER INFORMATION: THE VALID STATUS KEYWORDS ARE: OLD OR NEW.

722.0 *** USER FATAL MESSAGE 722 (RDASGN)
LOGICAL NAME EXCEEDS MAXIMUM NUMBER OF CHARACTERS ALLOWED.
USER INFORMATION: MAXIMUM CHARACTER LENGTH IS 8.

723.0 *** USER FATAL MESSAGE 723 (XTRDPO)
DMAP EXPRESSION HAS AN UNBALANCED NUMBER OF PARENTHESES
User information:
This can occur when the DBLOCATE feature is used with the WHERE(PROJECT=*)
clause. Modify the WHERE clause to include VERSION specification such as WHERE(PROJECT=*,VERSION=*); otherwise, the default for VERSION

is
"last" and the specification of "PROJECT=*" VERSION=LAST" will be conflicting.

723.1 *** USER FATAL MESSAGE 723 (XTRDAP)
%1 EXPRESSION HAS AN UNBALANCED NUMBER OF PARENTHESES
User information:
This can occur when the DBLOCATE feature is used with the WHERE(PROJECT=*)
clause. Modify the WHERE clause to include VERSION specification such as WHERE(PROJECT=*,VERSION=*); otherwise, the default for VERSION is
"last" and the specification of "PROJECT=*" VERSION=LAST" will be conflicting.

723.2 *** USER FATAL MESSAGE 723 (XTRCLO)
THE ABOVE DMAP MODULE EXPRESSION HAS AN UNBALANCED NUMBER OF PARENTHESES.
User information:
This can occur when the DBLOCATE feature is used with the WHERE(PROJECT=*)
clause. Modify the WHERE clause to include VERSION specification such as WHERE(PROJECT=*,VERSION=*); otherwise, the default for VERSION is
"last" and the specification of "PROJECT=*" VERSION=LAST" will be conflicting.

723.3 *** USER FATAL MESSAGE 723 (XTRCLA)
THE ABOVE %1 EXPRESSION HAS AN UNBALANCED NUMBER OF PARENTHESES.
User information:
This can occur when the DBLOCATE feature is used with the WHERE(PROJECT=*)
clause. Modify the WHERE clause to include VERSION specification such as WHERE(PROJECT=*,VERSION=*); otherwise, the default for VERSION is
"last" and the specification of "PROJECT=*" VERSION=LAST" will be conflicting.

723.4 *** USER FATAL MESSAGE 723 (XTRACI)
THE ABOVE FILE NAME CONTAINS AN UNBALANCED NUMBER OF DELIMITERS.
User information:
This can occur when the DBLOCATE feature is used with the WHERE(PROJECT=*)
clause. Modify the WHERE clause to include VERSION specification such as WHERE(PROJECT=*,VERSION=*); otherwise, the default for VERSION is

"last" and the specification of "PROJECT=*" VERSION=LAST" will be conflicting.

723.5 *** USER FATAL MESSAGE 723 (XTRAC4)
PROJECT ID EXPRESSION HAS AN UNBALANCED NUMBER OF SINGLE QUOTES
User information:
This can occur when the DBLOCATE feature is used with the WHERE(PROJECT=*)
clause. Modify the WHERE clause to include VERSION specification such as WHERE(PROJECT=*,VERSION=*); otherwise, the default for VERSION is
"last" and the specification of "PROJECT=*" VERSION=LAST" will be conflicting.

723.6 *** USER FATAL MESSAGE 723 (XTRAC2)
THE ABOVE COMMAND CONTAINS AN UNBALANCED NUMBER OF SINGLE QUOTES.
User information:
This can occur when the DBLOCATE feature is used with the WHERE(PROJECT=*)
clause. Modify the WHERE clause to include VERSION specification such as WHERE(PROJECT=*,VERSION=*); otherwise, the default for VERSION is
"last" and the specification of "PROJECT=*" VERSION=LAST" will be conflicting.

723.7 *** USER FATAL MESSAGE 723 (XALTER)
%1 STATEMENT HAS AN UNBALANCED NUMBER OF PARENTHESES.
User information:
This can occur when the DBLOCATE feature is used with the WHERE(PROJECT=*)
clause. Modify the WHERE clause to include VERSION specification such as WHERE(PROJECT=*,VERSION=*); otherwise, the default for VERSION is
"last" and the specification of "PROJECT=*" VERSION=LAST" will be conflicting.

723.8 *** USER FATAL MESSAGE 723 (XALTER)
%1 STATEMENT HAS AN UNBALANCED NUMBER OF SINGLE QUOTES.
User information:
This can occur when the DBLOCATE feature is used with the WHERE(PROJECT=*)
clause. Modify the WHERE clause to include VERSION specification such as WHERE(PROJECT=*,VERSION=*); otherwise, the default for VERSION is
"last" and the specification of "PROJECT=*" VERSION=LAST" will be

conflicting.

723.9 *** USER FATAL MESSAGE 723 (RDREST)
VERSION EXPRESSION HAS AN UNBALANCED NUMBER OF PARENTHESES.
User information:
This can occur when the DBLOCATE feature is used with the WHERE(PROJECT=*)
clause. Modify the WHERE clause to include VERSION specification such as WHERE(PROJECT=*,VERSION=*); otherwise, the default for VERSION is
"last" and the specification of "PROJECT=*" VERSION=LAST" will be conflicting.

723.10 *** USER FATAL MESSAGE 723 (RDPROJ)
PROJECT ID HAS UNBALANCED NUMBER OF SINGLE QUOTES
User information:
This can occur when the DBLOCATE feature is used with the WHERE(PROJECT=*)
clause. Modify the WHERE clause to include VERSION specification such as WHERE(PROJECT=*,VERSION=*); otherwise, the default for VERSION is
"last" and the specification of "PROJECT=*" VERSION=LAST" will be conflicting.

723.11 *** USER FATAL MESSAGE 723
LOGICAL= EXPRESSION HAS AN UNBALANCED NUMBER OF PARENTHESES
User information:
This can occur when the DBLOCATE feature is used with the WHERE(PROJECT=*)
clause. Modify the WHERE clause to include VERSION specification such as WHERE(PROJECT=*,VERSION=*); otherwise, the default for VERSION is
"last" and the specification of "PROJECT=*" VERSION=LAST" will be conflicting.

723.13 *** USER FATAL MESSAGE 723
VERSION EXPRESSION HAS AN UNBALANCED NUMBER OF PARENTHESES
User information:
This can occur when the DBLOCATE feature is used with the WHERE(PROJECT=*)
clause. Modify the WHERE clause to include VERSION specification such as WHERE(PROJECT=*,VERSION=*); otherwise, the default for VERSION is
"last" and the specification of "PROJECT=*" VERSION=LAST" will be conflicting.

723.15 *** USER FATAL MESSAGE 723 (PARSYS)

THE ABOVE COMMAND CONTAINS AN UNBALANCED NUMBER OF SINGLE QUOTES.
User information:
This can occur when the DBLOCATE feature is used with the WHERE(PROJECT=*)
clause. Modify the WHERE clause to include VERSION specification such as WHERE(PROJECT=*,VERSION=*); otherwise, the default for VERSION is
"last" and the specification of "PROJECT=*" VERSION=LAST" will be conflicting.

724.0 *** USER WARNING MESSAGE 724 (RDASGN)
SIZE SPECIFICATION IS NOT NECESSARY FOR THIS MACHINE.
USER INFORMATION: SIZE IS IGNORED.

725.0 *** USER FATAL MESSAGE 725
THE EQUAL SIGN IS MISSING AFTER THE LOGICAL KEYWORD

725.2 *** USER FATAL MESSAGE 725 (RDASGN)
THE EQUAL SIGN IS MISSING AFTER THE LOGICAL KEYWORD

725.3 *** USER FATAL MESSAGE 725 (PARSYS)
THE EQUAL SIGN IS MISSING AFTER THE SYS KEYWORD.

726.0 *** USER FATAL MESSAGE 726 (RDINIT)
THE LIST OF LOGICAL NAMES MUST BE IN ENCLOSED PARENTHESES

727.0 *** USER WARNING MESSAGE 727 (RDINIT)
NO SPACE WAS REQUESTED FOR LOGICAL NAME %1
USER INFORMATION: A DEFAULT OF %2 IS USED
User information:
Assign the desired disk space by using the ASSIGN statement or by JCL.

727.1 *** USER INFORMATION MESSAGE 727 (RDEXPN)
NO SPACE WAS REQUESTED FOR LOGICAL NAME %1
USER INFORMATION: A DEFAULT OF %2 IS USED
User information:
Assign the desired disk space by using the ASSIGN statement or by JCL.

728.0 *** USER FATAL MESSAGE 728 (RDINIT)
THE LOGICAL NAME SPACE OR MEM REQUEST IS MISSING A CLOSING PARENTHESIS.
USER ACTION : VERIFY THAT THE STATEMENT DOES NOT EXTEND BEYOND COLUMN 72.

728.1 *** USER FATAL MESSAGE 728 (RDEXPN)
THE LOGICAL NAME SPACE REQUEST IS MISSING A CLOSING PARENTHESIS

729.0 *** USER WARNING MESSAGE 729 (RDINIT)
THE BUFFSIZE FOR USROBJ CANNOT BE CHANGED FROM THE MACHINE DEFAULT.

USER INFORMATION: BUFFSIZE PARAMETER IGNORED.

730.0 *** USER FATAL MESSAGE 730 (XCSACM)
SYNTAX ERROR IN COMPILE EXECUTIVE COMMAND
USER INFORMATION: CHECK SYNTAX AND FORMAT OF COMPILE CARD

730.1 *** USER FATAL MESSAGE 730 (RDLINK)
SYNTAX ERROR IN LINK EXECUTIVE COMMAND
USER INFORMATION: CHECK SYNTAX AND FORMAT OF LINK CARD

731.0 *** USER WARNING/FATAL MESSAGE 731 (IFP1D)
INVALID USE OF NSM OCCURS AT THE SUBCASE LEVEL.
ONLY ONE SUCH CARD IS ALLOWED PER PROBLEM OR PER SUPERELEMENT.

735.0 *** USER WARNING MESSAGE 735 (RDREST)
THE MODIFIED AND UNMODIFIED KEYWORDS ARE NO LONGER VALID ON THE RESTART COMMAND.

736.0 *** USER INFORMATION MESSAGE 736 (RDREST)
THE RESTART VERSION ID IS NOT DEFINED ON THE RESTART COMMAND.
A RESTART OF LAST VERSION ID IS ASSUMED.
User information:
Whenever performing a restart, the program assumes that the restart will use the most recent version in the database unless a version number is specified.

737.0 *** USER FATAL MESSAGE 737 (XTRUNI)
THE FORTRAN UNIT NUMBER SPECIFIED ON FMS COMMAND MUST BE AN INTEGER
UNIT=%1

737.1 *** USER FATAL MESSAGE 737 (XTRKIV)
THE VALUE SPECIFIED FOR %1 MUST BE AN INTEGER
%2=%3

737.2 *** USER FATAL MESSAGE 737 (RDUPDT)
THE VALUE SPECIFIED FOR DBUPDATE CARD HAS A BAD INTEGER FORMAT %1

737.3 *** USER FATAL MESSAGE 737 (RDREST)
THE VALUE SPECIFIED FOR VERSION IS NOT AN INTEGER.
THE VALUE IS %1

737.4 *** USER FATAL MESSAGE 737 (RDINIT)
THE SPACE SPECIFIED FOR LOGICAL NAME %1 MUST BE AN INTEGER
SPACE DEFINED IS %2

737.5 *** USER FATAL MESSAGE 737 (RDINIT)
THE VALUE OF THE SPECIFIED CLUSTER SIZE IS NOT AN INTEGER

THE VALUE IS %1

737.6 *** USER FATAL MESSAGE 737 (RDINIT)
THE VALUE SPECIFIED FOR BUFFSIZE IS NOT AN INTEGER
THE VALUE IS %1

737.7 *** USER FATAL MESSAGE 737 (RDINIT)
THE BUFFSIZE SPECIFIED FOR "MEM" MUST BE AN INTEGER
MEM=%1

737.8 *** USER FATAL MESSAGE 737 (RDINIT)
THE VALUE SPECIFIED FOR RAM SIZE MUST BE AN INTEGER
%1=%2

737.9 *** USER FATAL MESSAGE 737 (RDEXPN)
SPACE SPECIFIED FOR LOGICAL NAME %1 MUST BE INTEGER
SPACE DEFINED IS %2

737.10 *** USER FATAL MESSAGE 737 (RDDIRP)
THE VALUE SPECIFIED FOR FORMAT IS NOT AN INTEGER
THE VALUE IS %1

737.11 *** USER FATAL MESSAGE 737 (RDDIRP)
THE VALUE SPECIFIED FOR VERSION IS NOT AN INTEGER
THE VALUE IS %1

737.12 *** USER FATAL MESSAGE 737 (RDDBCL)
THE VALUE SPECIFIED FOR VERSION IS NOT AN INTEGER
THE VALUE IS %1

737.13 *** USER FATAL MESSAGE 737 (RDASGN)
THE VALUE SPECIFIED FOR RECL IS NOT AN INTEGER.
THE VALUE IS %1

737.14 *** USER FATAL MESSAGE 737 (RDASGN)
THE VALUE SPECIFIED FOR UNIT IS NOT AN INTEGER.
THE VALUE IS %1

737.15 *** USER FATAL MESSAGE 737 (RDASGN)
THE VALUE SPECIFIED FOR SIZE IS NOT AN INTEGER.
THE VALUE IS %1

737.16 *** USER FATAL MESSAGE 737 (INPTT4)
THE FORTRAN UNIT NUMBER SPECIFIED ON AN INPUTT4
STATEMENT MUST BE AN INTEGER GREATER THAN 0.
UNIT SPECIFIED=%1

737.17 *** USER FATAL MESSAGE 737 (IN4WAMLS)
CANNOT OPEN FILE SPECIFIED IN THE IN4AMLS DMAP.
ERROR CODE RETURNED =%1

737.18 *** USER FATAL MESSAGE 737 (IN4WAMLS)
CANNOT CLOSE FILE SPECIFIED IN THE IN4AMLS DMAP.
ERROR CODE RETURNED =%1

738.0 *** USER FATAL MESSAGE 738 (RDASGN)

THE FILE NAME MUST BE DEFINED FOR LOGICAL %1

739.0 *** USER FATAL MESSAGE 739 (RDASGN)
THE LOGICAL NAME %1 IS NOT USER ASSIGNABLE.

740.0 *** USER FATAL MESSAGE 740 (RDASGN)
UNIT NUMBER %1 HAS ALREADY BEEN ASSIGNED TO THE LOGICAL NAME %2

741.0 *** USER FATAL MESSAGE 741 (RDASGN)
THE LOGICAL NAME %1 HAS ALREADY BEEN ASSIGNED TO THE FOLLOWING PHYSICAL FILE:
%2

742.0 *** USER FATAL MESSAGE 742
ILLEGAL USAGE OF DBSET KEYWORD %1

742.1 *** USER FATAL MESSAGE 742 (RDINIT)
ILLEGAL USAGE OF SCRATCH KEYWORD %1

743.0 *** USER FATAL MESSAGE 743 (RDEXPN)
A LOGICAL KEYWORD HAS NOT BEEN DEFINED.
USER ACTION: SPECIFY LOGICAL NAME(S) TO EXPAND THIS DBSET.
USER INFORMATION: LOGICAL NAMES ENABLE US TO OBTAIN THE PHYSICAL FILES WHICH YOU INTEND TO ADD TO A PARTICULAR DBSET.

744.0 *** USER FATAL MESSAGE 744 (RDEXPN)
%1 IS AN INVALID EXPAND CARD KEYWORD
USER INFORMATION: THE VALID KEYWORDS FOR THE EXPAND STATEMENT ARE:
"MASTER", "DBALL", "USROBJ", "USRSOU", "OBJSCR", "DBSET_NAME", AND "SCRATCH"

745.0 *** USER FATAL MESSAGE 745
THE MAXIMUM NUMBER OF DBSETS ASSIGNABLE TO THIS RUN HAS BEEN EXCEEDED
USER INFORMATION: THE MAXIMUM NUMBER ALLOWED IS %1

746.0 *** USER FATAL MESSAGE 746 (RDEXPN)
THE MAXIMUM NUMBER OF LOGICALS THAT CAN BE ASSIGNED WITH THE EXPAND COMMAND HAS BEEN EXCEEDED.
USER INFORMATION: THE MAXIMUM NUMBER ALLOWED IS %1

746.1 *** USER FATAL MESSAGE 746 (FNDUNT)
THE MAXIMUM NUMBER OF LOGICALS THAT CAN BE ASSIGNED WITH THE ASSIGN COMMAND HAS BEEN EXCEEDED.
USER INFORMATION: THE MAXIMUM NUMBER ALLOWED IS %1

747.0 *** USER FATAL MESSAGE 747 (XDFNAM)
THE MAXIMUM NUMBER OF MEMBERS FOR THE ABOVE DBSET HAS BEEN EXCEEDED.
USER INFORMATION: THE MAXIMUM NUMBER ALLOWED IS %1.

NOTES FOR DBSET SCRATCH:
1) IF NO MEMBERS ARE EXPLICITLY DEFINED FOR THE NON-SCR300 PARTITION, A DEFAULT MEMBER
SCRATCH IS PROVIDED.
2) IF NO MEMBERS ARE EXPLICITLY DEFINED FOR THE SCR300 PARTITION, A DEFAULT MEMBER
SCR300 IS PROVIDED IF SYSTEM(142)=2.

748.0 *** USER FATAL MESSAGE 748 (DBINIT)
NO MORE THAN TEN DBCLEAN COMMANDS ARE ALLOWED.

748.1 *** USER FATAL MESSAGE 748 (DBINIT)
NO MORE THAN ONE %1 COMMAND IS ALLOWED.

749.0 *** USER WARNING MESSAGE 749 (DBINIT)
WHEN THE PROJECT ID ON THE DBCLEAN CARD HAS NOT BEEN DEFINED, A DELETION WITH "BLANK" PROJECT ID WILL BE ASSUMED.
THE PROJECT CARD HAS TO BE DEFINED PRIOR TO THE DBCLEAN CARD, WHEN DELETIONS OF THE CURRENT PROJECT ID ARE DESIRED.

749.1 *** USER WARNING MESSAGE 749 (DBINIT)
WHEN THE PROJECT ID ON THE RESTART CARD HAS NOT BEEN DEFINED, A RESTART WITH "BLANK" PROJECT ID WILL BE ASSUMED.
THE PROJECT CARD HAS TO BE DEFINED PRIOR TO THE RESTART CARD, WHEN RESTARTS OF THE CURRENT PROJECT ID ARE DESIRED.

750.0 *** USER WARNING MESSAGE 750 (DBINIT)
ONLY ONE %1 COMMAND IS FUNCTIONAL. THE OTHERS ARE IGNORED

750.1 ***USER WARNING MESSAGE 750 (DBINIT)
DIRECTORY OUTPUT FORMAT OF FIRST DBDIR COMMAND WILL OVERWRITE THE CURRENT DBDIR COMMAND

751.0 *** USER FATAL MESSAGE 751 (DBINIT)
THE PRIMARY DATA BASE CONTAINS BAD OR NULL MASTER DIRECTORIES.
USER ACTIONS:
1. CORRECT THE CAUSE OF THIS PROBLEM
2. RESUBMIT THE DATA BASE INITIALIZATION RUN.

752.0 *** USER WARNING MESSAGE 752 (DBINIT)
%1 CARDS IN DATA BASE INITIALIZATION RUNS ARE IGNORED.

753.0 *** USER FATAL MESSAGE 753 (XSEMIN)
THE SOLUTION SEQUENCE %1 DOES NOT EXIST IN THE FIST.
USER INFORMATION: IT HAS EITHER NOT BEEN ALLOCATED OR NOT BEEN LINKED.

USER ACTION: SUPPLY THE NECESSARY LINK CARD, IF THIS SOLUTION SEQUENCE IS BEING COMPILED IN THIS RUN.

755.0 *** USER FATAL MESSAGE 755 (XCSA)
THE ABOVE STATEMENT IS NOT SUPPORTED IN THE EXECUTIVE CONTROL SECTION, BUT IN THE FILE MANAGEMENT SECTION (FMS).
USER INFORMATION: THE FMS IS DELIMITED BY ANY EXECUTIVE CONTROL STATEMENT.
USER ACTION: MOVE THE STATEMENT ABOVE THE EXECUTIVE CONTROL SECTION.

756.0 *** USER FATAL MESSAGE 756 (XCSA)
THE %1 CARD IS NO LONGER SUPPORTED IN THE EXECUTIVE CONTROL SECTION.

756.1 *** USER FATAL MESSAGE 756 (XCSA)
THE %1 CARD IS NO LONGER SUPPORTED IN THE EXECUTIVE CONTROL SECTION.
USER INFORMATION: THE RESTART STATEMENT IN THE EXECUTIVE CONTROL SECTION HAS BEEN REPLACED BY THE RESTART FILE MANAGEMENT
STATEMENT. SEE USER MANUAL SECTION 2.2.
User information:
This can occur if the RESTART statement of the File Management Section does not begin in column one.

756.2 *** USER FATAL MESSAGE 756 (XCSA)
THE %1 CARD IS NO LONGER SUPPORTED IN THE EXECUTIVE CONTROL SECTION.
USER INFORMATION: THE BEGIN STATEMENT IN THE EXECUTIVE CONTROL SECTION HAS BEEN REPLACED BY THE SUBDMAP DMAP
STATEMENT. SEE USER MANUAL SECTION 5.

757.0 *** USER FATAL MESSAGE 757 (XCSA)
THE FIRST ALTER CARD OF A SUBDMAP MUST BE PRECEDED BY A COMPILE CARD THAT SPECIFIES THE SUBDMAP NAME AND LOCATION.
User information:
The ALTER Executive Control statement must immediately follow a COMPILE statement.

758.0 *** USER FATAL MESSAGE 758 (XCSA)
THE READ EXECUTIVE COMMAND IS NO LONGER A VALID COMMAND, OR IT IS NOT SUPPORTED IN THIS VERSION

760.0 *** USER FATAL MESSAGE 760 (XCSOL2)
THE ABOVE SOL CARD CONTAINS A DBSET VALUE EXCEEDING 8 CHARACTERS
VALUE = %1

761.0 *** USER FATAL MESSAGE 761 (XCSSUB)
INVALID SOLUTION SEQUENCE REQUESTED.
USER INFORMATION: VALID SOL NUMBERS ARE:

762.0 *** SYSTEM FATAL MESSAGE 762 (XGPI)
UNEXPECTED END-OF-RECORD DETECTED ON SCRATCH FILE %1
USER INFORMATION: THE SCRATCH FILE CONTAINING THE
COMPILE STATEMENTS HAS PROBABLY BEEN DESTROYED.

763.0 *** SYSTEM FATAL MESSAGE 763 (XXLOAD)
INSUFFICIENT OPEN CORE AVAILABLE TO STORE DATA BASE
DIRECTORY TABLES
USER ACTION: INCREASE MEMORY REQUEST AND RERUN.
PROGRAMMER INFORMATION: THE AMOUNT OF MAIN MEMORY
AVAILABLE BEFORE STORAGE OF DIRECTORY TABLES = %1
FOLLOWING IS A DUMP OF VALUES IN THE COMMON BLOCK
/XDIR/, WHICH TRACKS THE POSITION OF DIRECTORY TABLES IN
OPEN CORE AS THEY ARE READ FROM DISK.
NOTE: THE FIRST WORD OF EACH 3 WORD ENTRY IS UNUSED,
THE SECOND WORD IS THE TOP POINTER, AND
THE 3RD WORD IS THE END POINTER+1 TO A DIRECTORY TABLE
THE DIFFERENCE BETWEEN THE SECOND WORD OF THE LAST
NON-ZERO ENTRY AND THE AVAILABLE OPEN CORE WILL
INDICATE HOW MUCH SPACE THE LAST TABLE TOOK UP BEFORE
RUNNING OUT OF OPEN CORE
THE DUMP OF THE COMMON BLOCK /XDIR/ IS:
%2

763.1 *** SYSTEM FATAL MESSAGE 763
INSUFFICIENT OPEN CORE AVAILABLE TO STORE DATA BASE
DIRECTORY TABLES
USER ACTION: INCREASE MEMORY REQUEST AND RERUN.
PROGRAMMER INFORMATION: THE AMOUNT OF MAIN MEMORY
AVAILABLE BEFORE STORAGE OF DIRECTORY TABLES = %1
FOLLOWING IS A DUMP OF VALUES IN THE COMMON BLOCK
/XDIR/, WHICH TRACKS THE POSITION OF DIRECTORY TABLES IN
OPEN CORE AS THEY ARE READ FROM DISK.
NOTE: THE FIRST WORD OF EACH 3 WORD ENTRY IS UNUSED,
THE SECOND WORD IS THE TOP POINTER, AND
THE 3RD WORD IS THE END POINTER+1 TO A DIRECTORY TABLE
THE DIFFERENCE BETWEEN THE SECOND WORD OF THE LAST
NON-ZERO ENTRY AND THE AVAILABLE OPEN CORE WILL
INDICATE HOW MUCH SPACE THE LAST TABLE TOOK UP BEFORE
RUNNING OUT OF OPEN CORE
THE DUMP OF THE COMMON BLOCK /XDIR/ IS:
%2
%3
%4

%5
%6
%7
%8
%9

763.2 *** SYSTEM FATAL MESSAGE 763 (XDIRLD)
INSUFFICIENT OPEN CORE AVAILABLE TO STORE DATA BASE DIRECTORY TABLES
USER ACTION: INCREASE MEMORY REQUEST AND RERUN.
PROGRAMMER INFORMATION: THE AMOUNT OF MAIN MEMORY AVAILABLE BEFORE STORAGE OF DIRECTORY TABLES = %1
FOLLOWING IS A DUMP OF VALUES IN THE COMMON BLOCK /XDIR/, WHICH TRACKS THE POSITION OF DIRECTORY TABLES IN OPEN CORE AS THEY ARE READ FROM DISK.
NOTE: THE FIRST WORD OF EACH 3 WORD ENTRY IS UNUSED, THE SECOND WORD IS THE TOP POINTER, AND
THE 3RD WORD IS THE END POINTER+1 TO A DIRECTORY TABLE
THE DIFFERENCE BETWEEN THE SECOND WORD OF THE LAST NON-ZERO ENTRY AND THE AVAILABLE OPEN CORE WILL INDICATE HOW MUCH SPACE THE LAST TABLE TOOK UP BEFORE RUNNING OUT OF OPEN CORE
THE DUMP OF THE COMMON BLOCK /XDIR/ IS:
%2
%3
%4
%5
%6
%7
%8
%9
%10
%11
%12

764.0 *** SYSTEM FATAL MESSAGE 764 (XSCNDM)
END-OF-FILE ENCOUNTERED WHILE READING SUBDMAP SOURCE
USER INFORMATION: SUBDMAP FILE MUST BE EMPTY

765.0 *** USER FATAL MESSAGE 765 (XREAD)
END-OF-FILE ENCOUNTERED ON UNIT %1. THE INPUT FILE IS INCOMPLETE.
USER INFORMATION: THE FOLLOWING GUIDE LINES SHOULD BE FOLLOWED FOR PREPARATION OF AN INPUT DECK.
FILE MANAGEMENT SECTION (FMS) CAN BE ENDED BY EITHER AN "ENDJOB" OR A NON-FMS CARD.
EXECUTIVE CONTROL SECTION CAN ONLY BE TERMINATED BY A "CEND" CARD.

User information:
This error can also occur when there is a missing right or left parenthesis in an IF-THEN DMAP statement.

767.0 *** USER FATAL MESSAGE 767 (XSCNDM)
END-OF-RECORD ENCOUNTERED WHILE READING SUBDMAP SOURCE
USER INFORMATION: SUBDMAP SOURCE IS MISSING AN "END" STATEMENT

769.0 *** USER FATAL MESSAGE 769 (XTRACT)
COMPILE CARD SYNTAX ERROR. MISSING "=" OR NAME FOLLOWING EQUAL SIGN

773.0 *** USER FATAL MESSAGE 773 (DBDEF)
THE FOLLOWING PHYSICAL FILE ALREADY EXISTS.
LOGICAL NAME = %1
PHYSICAL FILE = %2
USER INFORMATION: NO ASSOCIATED DEFAULT FILES OR ASSIGNED DBSETS CAN EXIST PRIOR TO THE DATA BASE INITIALIZATION RUN.
USER ACTION: DELETE THIS FILE AND RESUBMIT THE JOB.

774.0 *** USER FATAL MESSAGE 774 (XDMAP)
THE "END" STATEMENT IS MISSING FROM THE SUBDMAP SOURCE.
USER INFORMATION: THE "END" STATEMENT MARKS THE END OF EACH SUBDMAP.

775.0 *** USER FATAL MESSAGE 775 (DBFASG)
NUMBER OF ASSIGNED PHYSICAL UNITS HAS BEEN EXCEEDED THE LIMIT =%1

776.0 *** USER WARNING MESSAGE 776 (DGETTS)
THERE IS NO REQUEST FOR PROCESSING OF THE TIME STAMP BLOCK.
IT IS ASSUMED FOR ANY EXISTING MASTER DBSET THAT:
1. THE DEFAULT BUFFER SIZE =%1
2. THE DEFAULT CLUSTER SIZE = 1

777.0 *** USER FATAL MESSAGE 777 (XTRLGN)
THE MAXIMUM NUMBER OF DBLOCATE DATABASES HAS BEEN EXCEEDED. MAXIMUM NUMBER NUMBER ALLOWED =%1

778.0 *** SYSTEM FATAL MESSAGE 778 (GALLOX)
LOGIC ERROR.
USER ACTION : SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

781.0 *** SYSTEM INFORMATION MESSAGE 781 (CGPIB)
SUBDMAP %1 HAS GENERATED ONE OR MORE FATAL ERROR(S) (SEE ABOVE MESSAGES)--NOGO = %2

782.0 *** USER/SYSTEM FATAL/WARNING/INFORMATION MESSAGE 782 (EVLMSG)
THE %1 BUFFSIZE PARAMETER CANNOT BE SMALLER THAN MACHINE DEFAULT =%2
USER INFORMATION: %3 BUFFSIZE PARAMETER IGNORED.
USER ACTION: USE THE INIT FMS STATEMENT TO SET THE DESIRED BUFFSIZE FOR EACH INDIVIDUAL DBSET.

784.0 *** USER WARNING MESSAGE 784 (XCLNUP)
VERSION = %1 PROJECT = %2 OF THIS DATA BASE IS NOT VALID FOR RESTART PURPOSES.
User information:
This can occur in a run when a user's DMAP sequence and SYTEM cell 125 has not been set to 1. If this is the case, insert PUTSYS(1,125) into the DMAP sequence.

786.0 *** USER FATAL MESSAGE 786 (NDDL)
A CIRCULAR DEPENDENCY CONDITION WAS FOUND WHILE PROCESSING %1
User information:
Examine the DEPEN statements and make the appropriate modifications.

787.0 *** USER FATAL MESSAGE 787 (XSEM)
ILLEGAL ALTER OR DMAP SEQUENCE DETECTED
USER INFORMATION: NO DMAP MODULES MAY BE EXECUTED BEFORE THE XSORT AND IFP1 MODULES.
User information:
In Multi-Link (2 or more) Systems, Link 1 cannot be reentered.
The only modules currently found exclusively in Link 1 are IFP1 and XSORT.
Some statements may be executed before these modules (arithmetic assignments/expressions). Put misplaced module after IFP1 module.

789.0 *** USER WARNING MESSAGE 789 (RDSDEL)
THE DBSET NAME "%1" SPECIFIED ON A DBSETDEL STATEMENT DOES NOT EXIST.

790.0 *** USER FATAL MESSAGE 790 (RDSDEL)
THE DBSETDEL STATEMENT HAS A SYNTAX ERROR NEAR COLUMN %1
USER ACTION: CHECK FOR ILLEGAL CHARACTERS, UNMATCHED PARENTHESES, OR DBSET NAMES LONGER THAN 8 CHARACTERS.

791.0 *** USER FATAL MESSAGE 791 (RDSDEL)
THE DBSETDEL STATEMENTS HAVE MORE THAN %1 DBSET NAMES.

792.0 *** USER FATAL MESSAGE 792 (RDSDEL)
A DBSETDEL STATEMENT SPECIFIES "%1" DBSET WHICH SHOULD NOT BE DELETED.

793.0 *** USER FATAL MESSAGE 793 (CFLORD)

THE SIZE OF THE OSCAR FOR A SINGLE SUBDMAP HAS A LIMIT OF %1 WORDS WHICH HAS BEEN EXCEEDED FOR
THIS SUBDMAP (%2 WORDS REQUIRED).
USER ACTION: PARTITION THIS SUBDMAP INTO SMALLER SUBDMAPS.

794.0 *** USER FATAL MESSAGE 794 (XSTORE)
THE OBJECT FOR THIS SUBDMAP IS NOT COMPATIBLE WITH THIS VERSION OF NASTRAN.
USER ACTION: RECOMPILE THIS SUBDMAP.

795.0 *** USER FATAL MESSAGE 795 (CTYPE)
NUMBER OF CHARACTERS SPECIFIED FOR PARAMETER %1 EXCEEDS THE ALLOWABLE LIMIT OF 80.

796.0 *** USER FATAL MESSAGE 796 (CCALL)
DATA BLOCK "%1" IS A DBVIEW NAME AND IS SPECIFIED AS INPUT OR OUTPUT IN A CALL STATEMENT. THIS IS NOT ALLOWED.

797.0 *** USER FATAL MESSAGE 797 (CVIEW)
THE VIEWNAME %1 IS REFERENCED ON MORE THAN ONE DBVIEW STATEMENTS.

798.0 *** SYSTEM WARNING MESSAGE 798 (NDDL)
THE ITEM NAMES WITH (C) OPTION OF DATA BLOCK=%1, RECORD=%2,HAVE EXCEEDED THE MAXIMUM NUMBER OF %3
PROGRAMMER ACTION: REDUCE THE NUMBER OF (C) ITEM NAMES, OR,
CHANGE THE INTERNAL LIMIT TO A GREATER NUMBER

799.0 *** USER FATAL MESSAGE 799 (SELCHK)
A SYNTAX ERROR WAS DETECTED WHILE PROCESSING A %1 CLAUSE ON A %2 STATEMENT.
USER INFORMATION: ITEM BEING PROCESSED IS %3

800.0 *** USER FATAL MESSAGE 800 (CVIEW1)
THE VIEW NAME = %1 SPECIFIED ON A DBVIEW STATEMENT IS ALSO SPECIFIED
AS A DATA BLOCK NAME ON A TYPE STATEMENT OR THE SUBDMAP STATEMENT.

801.0 *** USER FATAL MESSAGE 801 (CKALTR)
THE OFFSET ON ALTER/MALTER STRING%1 RESULTS IN A NEGATIVE LINE NUMBER.

802.0 *** USER FATAL MESSAGE 802 (CKALTR)
NO MATCH WAS FOUND FOR STRING%1.

803.0 *** USER FATAL MESSAGE 803 (CKALTR)
DMAP LINE NUMBER K1 IS GREATER THAN DMAP LINE NUMBER K2.

804.0 *** USER FATAL MESSAGE 804 (CKALTR)

DMAP LINE NUMBER K1 OVERLAPS PREVIOUS ALTER.
PREVIOUS LINE NUMBER: %1 PREVIOUS K1:%2 PREVIOUS K2:%3
ALTER: %4

805.0 *** USER FATAL MESSAGE 805 (PRALTR)
THE INLINE SUBDMAP %1 CANNOT BE SEARCHED FOR ALTER/MALTER STRINGS.
USER ACTION: COMPILE THE SUBDMAP AND APPLY THE ALTERS IN SEPARATE RUNS.

806.0 *** USER FATAL MESSAGE 806 (RLALTR)
THE FOLLOWING MALTER STATEMENTS WERE NOT FOUND IN THE DMAP SOURCE FILES:

807.0 *** USER FATAL MESSAGE 807 (XALTER)
THERE IS A SYNTAX ERROR IN %1 OF %2 STATEMENT.

809.0 *** USER FATAL MESSAGE 809 (XALTER)
STRING1 IS NOT SPECIFIED ON THE MALTER STATEMENT ABOVE.

810.0 *** USER FATAL MESSAGE 810 (XALTER)
COMPILATION OF REGULAR EXPRESSION FAILED WITH RETURN CODE:%1

811.0 *** USER FATAL MESSAGE 811 (PRCMPL)
SUBDMAP %1 IS SPECIFIED ON MORE THAN ONE COMPILE STATEMENT WITH DIFFERENT SOUIN REQUESTS.
USER ACTION: SPECIFY SAME SOUIN ON THE COMPILE STATEMENTS.

812.0 *** USER FATAL MESSAGE 812 (XALTER)
THE VALUE SPECIFIED FOR OCCURRENCE ON THE %1 STATEMENT IS LESS THAN ZERO.
USER INFORMATION: THE VALUE FOR OCCURRENCE MUST BE AN INTEGER GREATER THAN ZERO.

813.0 *** USER FATAL MESSAGE 813 (XCSSUB)
SOLUTION SEQUENCE%1 HAS BEEN %2
USER ACTION: USE A VERSION OF NX NASTRAN PRIOR TO VERSION 69.

813.1 *** USER FATAL MESSAGE 813 (XCSSUB)
SOLUTION SEQUENCE%1 HAS BEEN %2
USER ACTION: USE SOL %3.
SPECIFY PARAM, CHECKOUT, YES IN THE BULK DATA.

813.2 *** USER FATAL MESSAGE 813 (XCSSUB)
SOLUTION SEQUENCE%1 HAS BEEN %2
USER ACTION: USE SOL %3.
SPECIFY PARAM, ALTRED, YES IN THE BULK DATA.
SPECIFY PARAM, SERST, SEMI IN THE BULK DATA IF YOU WISH TO AVOID AUTOMATIC RESTART PROCESSING.

813.3 *** USER FATAL MESSAGE 813 (XCSSUB)

SOLUTION SEQUENCE%1 HAS BEEN %2
USER ACTION: USE SOL %3.

813.4 *** USER FATAL MESSAGE 813 (XCSSUB)
SOLUTION SEQUENCE%1 HAS BEEN %2
USER ACTION: USE SOL %3.
SPECIFY PARAM, SERST, SEMI IN THE BULK DATA IF YOU WISH TO AVOID AUTOMATIC RESTART PROCESSING.

813.5 *** USER FATAL MESSAGE 813 (XCSSUB)
SOLUTION SEQUENCE%1 HAS BEEN %2
USER INFORMATION: ALTERNATE SOLUTION SEQUENCE%3 WILL BE EXECUTED.

813.6 *** USER FATAL MESSAGE 813 (XCSSUB)
SOLUTION SEQUENCE%1 HAS BEEN %2
USER INFORMATION: ALTERNATE SOLUTION SEQUENCE%3 WILL BE EXECUTED.
SPECIFY PARAM, SERST, SEMI IN THE BULK DATA IF YOU WISH TO AVOID AUTOMATIC RESTART PROCESSING.

814.0 *** USER WARNING MESSAGE 814 (XCSSUB)
SOLUTION SEQUENCE%1 HAS BEEN %2
USER ACTION: USE A VERSION OF NX NASTRAN PRIOR TO VERSION 69.

814.1 *** USER WARNING MESSAGE 814 (XCSSUB)
SOLUTION SEQUENCE%1 HAS BEEN %2
USER ACTION: USE SOL %3.
SPECIFY PARAM, CHECKOUT, YES IN THE BULK DATA.

814.2 *** USER WARNING MESSAGE 814 (XCSSUB)
SOLUTION SEQUENCE%1 HAS BEEN %2
USER ACTION: USE SOL %3.
SPECIFY PARAM, ALTRED, YES IN THE BULK DATA.
SPECIFY PARAM, SERST, SEMI IN THE BULK DATA IF YOU WISH TO AVOID AUTOMATIC RESTART PROCESSING.

814.3 *** USER WARNING MESSAGE 814 (XCSSUB)
SOLUTION SEQUENCE%1 HAS BEEN %2
USER ACTION: USE SOL %3.

814.4 *** USER WARNING MESSAGE 814 (XCSSUB)
SOLUTION SEQUENCE%1 HAS BEEN %2
USER ACTION: USE SOL %3.
SPECIFY PARAM, SERST, SEMI IN THE BULK DATA IF YOU WISH TO AVOID AUTOMATIC RESTART PROCESSING.

814.5 *** USER WARNING MESSAGE 814 (XCSSUB)
SOLUTION SEQUENCE%1 HAS BEEN %2
USER INFORMATION: ALTERNATE SOLUTION SEQUENCE%3 WILL BE EXECUTED.

814.6 *** USER WARNING MESSAGE 814 (XCSSUB)
SOLUTION SEQUENCE%1 HAS BEEN %2
USER INFORMATION: ALTERNATE SOLUTION SEQUENCE%3 WILL BE EXECUTED.
SPECIFY PARAM, SERST, SEMI IN THE BULK DATA IF YOU WISH TO AVOID AUTOMATIC RESTART PROCESSING.

815.0 *** USER FATAL MESSAGE 815 (RDINIT)
DBSET %1 IS ALREADY SPECIFIED ON AN INIT STATEMENT.
USER INFORMATION: ONLY ONE INIT STATEMENT MAY BE SPECIFIED PER DBSET.

816.0 *** USER WARNING MESSAGE 816 (RDACQU)
"NDDLOLD" IS NO LONGER AVAILABLE.
USER INFORMATION: "NDDL" WILL BE USED INSTEAD.

817.0 *** USER FATAL MESSAGE 817 (CKALTR)
THE FOLLOWING ALTER STATEMENT INSERTS AFTER THE END STATEMENT.

818.0 *** USER FATAL MESSAGE 818 (CHKFM)
THE FMS STATEMENT %1 IS NOT UNIQUE.
USER ACTION: SPECIFY EITHER %2 OR %3

819.0 *** USER/SYSTEM FATAL/WARNING/INFORMATION MESSAGE 819 (EVLMSG)
INVALID CHARACTER "%1"

820.0 *** USER/SYSTEM FATAL/WARNING/INFORMATION MESSAGE 820 (EVLMSG)
OPERAND IS MISSING BEFORE "%1"

821.0 *** USER FATAL MESSAGE 821 (A?)
THE EQUAL SIGN IS MISSING IN A %1 %2

821.1 *** USER/SYSTEM FATAL/WARNING/INFORMATION MESSAGE 821 (EVLMSG)
THE EQUAL SIGN IS MISSING BEFORE "%1"

822.0 *** USER/SYSTEM FATAL/WARNING/INFORMATION MESSAGE 822 (EVLMSG)
EXTRA CHARACTERS ARE SPECIFIED ON DEFINE STATEMENT "%1"

823.0 *** USER/SYSTEM FATAL/WARNING/INFORMATION MESSAGE 823 (EVLMSG)
OPERATOR IS MISSING BEFORE "%1"

824.0 *** USER/SYSTEM FATAL/WARNING/INFORMATION MESSAGE 824 (EVLMSG)
RIGHT PARENTHESIS IS UNBALANCED AT "%1"

825.0 *** USER/SYSTEM FATAL/WARNING/INFORMATION MESSAGE 825 (EVLMSG)

RIGHT PARENTHESIS IS MISSING AFTER "%1"

826.0 *** USER WARNING MESSAGE 826 (SSWTOF)
THE DIAG%1 EXECUTIVE CONTROL STATEMENT IS INVALID.
USER INFORMATION: THE DIAG NUMBER MUST BE GREATER THAN ZERO AND LESS THAN 65.

975.0 *** USER WARNING MESSAGE 975,
XYTRAN DOES NOT RECOGNIZE %1 AND IS IGNORING
User information:
Keyword XYPLOT package is not correct; see Section 13.3 of NX NASTRAN Reference Manual.

976.0 *** USER WARNING MESSAGE 976,
OUTPUT DATA BLOCK%1 IS PURGED. XYTRAN WILL PROCESS ALL REQUESTS OTHER THAN PLOT
User information:
The data block output from XYTRAN has been purged; thus no XYPLOTs are possible.

977.0 *** USER WARNING MESSAGE 977,
FOLLOWING NAMED DATA-BLOCK IS NOT IN SORT-II FORMAT
User information:
Probably a DMAP calling sequence error to XYTRAN. Only SORT2 data blocks can be purged.

979.0 *** USER WARNING MESSAGE 979,
AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID%1 -%2- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK%3 SUBCASE%4

979.1 *** USER WARNING MESSAGE 979,
AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID%1 -%2- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK%3
User information:
Curve request could not be found. Point, element or subcase requested was not on input data block.

979.2 *** SYSTEM WARNING MESSAGE 979 (XYTRAN)
AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID%1 - %2- CURVE IS BEING IGNORED BECAUSE
A LOCAL MEMORY AREA HAS BEEN EXCEEDED, REQUEST= %3 CURRENT SIZE=%4.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT DEVELOPMENT WITH INFORMATION.

979.3 *** USER WARNING MESSAGE 979 (XYTRN2)
AN XY-OUTPUT REQUEST FOR FLUID POINT ID%1 -%2- CURVE IS BEING PASSED OVER.
THE ID COULD NOT BE FOUND IN DATA BLOCK%3%4
User information:

Curve request could not be found. Point, frequency, mode number, panel name or panel grid id
was not on input data block.

980.0 *** USER WARNING MESSAGE 980,
INSUFFICIENT CORE TO HANDLE ALL DATA FOR ALL CURVES OF THIS FRAME
ID =%1 COMPONENT =%2 COMPONENT =%3 DELETED FROM OUTPUT
User information:
Increase memory request.

981.0 *** USER WARNING MESSAGE 981,
COMPONENT =%1 FOR ID=%2 IS TOO LARGE. THIS COMPONENTS CURVE NOT OUTPUT
User information:
Component request was larger than the data item available;
see Section 13.3 of NX NASTRAN Reference Manual.

981.1 *** USER WARNING MESSAGE 981,
COMPONENT =COMPONENT =%1 FOR ID=%2 IS NULL. THIS COMPONENTS CURVE NOT OUTPUT.

982.0 *** USER WARNING MESSAGE 982.
FORMAT OF %1 INCOMPATIBLE WITH SDR3 DESIGN. CODE =%2
User information:
This message appears when the SDR3 module encounters trouble.
The exact nature of the problem can be detected from the "code" number.
The file type causing the problem can be determined from its name
(for example, OESi is the stress output file, and OUGVi the displacement, velocity, and acceleration output file). The function of this module
is to convert SORT1 output tables to SORT2 tables. It operates on one output type per pass (for example, displacements, then velocities,
then stresses in BAR elements, then ROD elements, etc.). Since the user controls the content and size of the output tables with case control and plot requests, it is often possible to avoid these errors, as
described below.
Codes Cause and User Action
----- ----------
110 Insufficient memory. Increase memory request,
or decrease the number 140 of variables output
on one run by using restarts for additional output.
150
The following codes should not occur on standard solution sequences.
Please send any such runs to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
If they occur on user-written DMAPs, it is likely that an illegal input block is used,
or that the input block is not correctly formatted.

Codes Cause and User Action
----- --------------------
100 The ID record is missing on the input file.
120
101 Missing data record.
102 Wrong number of words in input block.
122
112 The number of words per record is not an integer
multiple of the number 142 of words per entry.
152
165 Logic error or ID record indicates zero words.

984.0 *** USER WARNING MESSAGE 984.
OUTPUT DATA BLOCK NO.%1 IS PURGED. SDR3 CANNOT PROCESS INPUT DATA BLOCK %2
User information:
Probably DMAP calling sequence error. Needed output is purged.

992.0 *** USER WARNING MESSAGE 992,
XYPLOT INPUT DATA FILE I.D. RECORDS TOO SHORT. XYPLOT ABANDONED.
User information:
The input data file records have invalid word counts and further plotting is not feasible.

993.0 *** USER WARNING MESSAGE 993,
XYPLOT FOUND ODD NR. OF VALUES FOR DATA PAIRS IN FRAME%1, CURVE NR.%2. LAST VALUE IGNORED.
User information:
May indicate a bad input file, but plotting continues.

994.0 *** USER WARNING MESSAGE 994,
XYPLOT OUTPUT FILE NAME %1 NOT FOUND. XYPLOT ABANDONED.
User information:
PLT2 is missing.

997.0 *** USER WARNING MESSAGE 997,
NR.%1. FRAME NR.%2 INPUT DATA INCOMPATIBLE. ASSUMPTIONS MAY PRODUCE INVALID PLOT.
User information:
Nr. %1 may take any value from 1 to 4 with the following meaning:
1. Specified X maximum equal X minimum. If this value is zero, then X maximum is set to 5.0 and X minimum to -5.0, otherwise 5 times the absolute value of X maximum is added to X maximum and subtracted from X minimum.
2. Specified X maximum is smaller than X minimum. The values are reversed.
3. Same meaning as number 1 except for Y maximum and Y minimum.
4. Same meaning as number 2 except for Y maximum and Y minimum.

1001.0 *** SYSTEM FATAL MESSAGE 1001 (BGNSYS)
ERROR IN READING FORTRAN UNIT 2 FILE

1002.0 *** SYSTEM FATAL MESSAGE 1002 (BGNSYS)
PREMATURE END-OF-FILE IN READING FORTRAN UNIT 2 FILE

1003.0 *** SYSTEM FATAL MESSAGE 1003 (OPNPFL)

1003.1 *** SYSTEM FATAL MESSAGE 1003 (CLSPFL)

1003.2 *** SYSTEM WARNING MESSAGE 1003 (FORTIO)
UNIT %1 DOES NOT HAVE A CORRESPONDING VALUE IN FORUNT ARRAY.
*** USER INFORMATION:
UNITS MUST BE ASSIGNED A PHYSICAL FILE NAME USING AN ASSIGN STATEMENT.
User information:
As an example, for punch files unit 7 must be one of the units on the ASSIGN statement.

1003.3 *** SYSTEM FATAL MESSAGE 1003 (ISHELL)
UNIT %1 DOES NOT HAVE A CORRESPONDING VALUE IN FORUNT ARRAY.
*** USER INFORMATION:
UNITS MUST BE ASSIGNED A PHYSICAL FILE NAME USING AN ASSIGN STATEMENT.
User information:
As an example, for punch files unit 7 must be one of the units on the ASSIGN statement.

1004.0 *** SYSTEM FATAL MESSAGE 1004 (XSEM)
FORTRAN UNIT OPEN/CREATE ERROR.
USER INFORMATION: UNIT=%1, IOSTAT=%2

1004.1 *** SYSTEM FATAL MESSAGE 1004 (XSEM)
FORTRAN UNIT CLOSE/DELETE ERROR.
USER INFORMATION: UNIT=%1, IOSTAT=%2
User information:
A possible cause is that you ran out of disk space.

1004.2 *** USER FATAL MESSAGE 1004 (CLSPFL)

1005.0 *** SYSTEM FATAL MESSAGE 1005 (ENDSYS)
ERROR IN WRITING FORTRAN UNIT 2 FILE

1006.0 *** SYSTEM WARNING MESSAGE 1006 (F04SUM)
CANNOT FIND END FOR %1%2 BEGIN AT LINE NUMBER %3

1007.0 *** SYSTEM WARNING MESSAGE 1007 (F04SUM)
LOGIC ERROR %1 WITH FOLLOWING RECORD(S):
%2
%3
System information:
Possible cause: If DIAG 49 is turned on and the time spent in

some of the modules are too small to cause the END statement to
to be printed, then the message may be issued without summing
the time spent in an individual module. This can occur even
when there are other modules that substantial time.
USER ACTION: Add the following NASTRAN System Cell to your run:
NASTRAN SYSTEM(20) = 0

1008.0 *** SYSTEM WARNING MESSAGE 1008 (F04SUM)
CANNOT FIND END FOR %1 AT LINE NUMBER%2

1009.0 *** USER INFORMATION MESSAGE 1009 (F04SUM)
STATISTICAL SUMMARY OF ABOVE LOG FILE FOLLOWS.

1010.0 *** USER INFORMATION MESSAGE 1010 (F04SUM)
LOG FILE DOES NOT CONTAIN ANY PERTINENT STATISTICAL
INFORMATION

1012.0 *** USER FATAL MESSAGE 1012 (GALLOC)
DBSET %1 IS FULL AND NEEDS TO BE EXPANDED.
USER ACTION: INCREASE THE DBSET SIZE IN THE DECK.
ALTERNATIVELY, YOU CAN SET SSCR=80GB AND SDBALL=80GB
IN THE RC FILE
OR AS PART OF THE NASTRAN COMMAND LINE. THE VALUE OF
80GB HERE IS
USED ONLY AS AN EXAMPLE. THIS VALUE SHOULD REFLECT THE
AMOUNT OF
FREE DISK SPACE AVAILABLE ON THE MACHINE. THE DBSET IS
NOT ALLOWED
TO GROW ANY LARGER THAN THIS VALUE.

1013.0 *** SYSTEM FATAL MESSAGE 1013
CANNOT FIND CORRECT CLUSTER POINTER RECORD

1014.0 *** SYSTEM FATAL MESSAGE 1014 (GBKZ67)
ERROR IN LOOKING UP CLUSTER NUMBER
System information:
This has been observed when the maximum number of superelements
has been exceeded.

1015.0 *** SYSTEM FATAL MESSAGE 1015 (GBKZ67)
PHYSICAL FILE NOT FOUND IN FILE ASSIGNMENT TABLE
System information:
This may be on restart issued if scratch files were not deleted
in previous run. It may also be issued if there is insufficient memory.

1017.0 *** SYSTEM FATAL MESSAGE 1017 (GBKZ67)
NO CLUSTER RECORD INCORE FOR DATA BASE DIRECTORY

1019.0 *** USER FATAL MESSAGE 1019 (OPNPFL)

1020.0 *** SYSTEM FATAL MESSAGE 1020 (ZIO)
UNABLE TO PERFORM LOGICAL TO PHYSICAL FILE ASSIGNMENT

1021.0 *** SYSTEM FATAL MESSAGE 1021 (ZIO)

ERROR OCCURRED IN BIORD

1022.0 *** SYSTEM FATAL MESSAGE 1022 (ZIO)
ERROR OCCURRED IN BIOWRT

1023.0 *** SYSTEM FATAL MESSAGE 1023 (ZIO)
ATTEMPT TO OPEN A FILE WHICH WAS PREVIOUSLY OPENED (%1)

1026.0 *** SYSTEM FATAL MESSAGE 1026 (ZIO)
ATTEMPT TO ACCESS A FILE WHICH IS NOT OPENED

1027.0 *** SYSTEM FATAL MESSAGE 1027 (ZIO)
SAVPOS ATTEMPTED ON A FILE WHICH WAS OPENED TO UPDATE

1028.0 *** SYSTEM FATAL MESSAGE 1028 (ZIO)
FILPOS ATTEMPTED ON A FILE WHICH WAS OPENED TO APPEND

1029.0 *** SYSTEM FATAL MESSAGE 1029 (ZIO)
ATTEMPT TO READ FROM AN EMPTY FILE

1030.0 *** SYSTEM FATAL MESSAGE 1030 (ZIO)
BLOCK NUMBER MISMATCH IN READ

1031.0 *** SYSTEM FATAL MESSAGE 1031 (ZIO)
FIELD 3 OF CONTROL WORD NOT EQUAL TO RECORD LENGTH.
FIELD3 =%1 REC LENGTH =%2
System information:
One cause of this may be an illegal BUFFSIZE (e.g., larger than allowed).

1032.0 *** SYSTEM FATAL MESSAGE 1032 (ZIO)
ATTEMPT TO READ PAST END OF DATA

1033.0 *** SYSTEM FATAL MESSAGE 1033 (ZIO)
FILE %1 NOT FOUND IN FIST

1034.0 *** SYSTEM FATAL MESSAGE 1034 (ZIO)
UNRECOGNIZED CONTROL WORD ENCOUNTERED AFTER FILPOS OPERATION

1035.0 *** SYSTEM FATAL MESSAGE 1035 (ZIO)
ATTEMPT TO BCKREC PAST BEGINNING OF BLOCK

1036.0 *** SYSTEM FATAL MESSAGE 1036 (ZIO)
UNRECOGNIZED CONTROL WORD ENCOUNTERED AFTER BCKREC OPERATION

1037.0 *** SYSTEM FATAL MESSAGE 1037 (ZIO)
ATTEMPT TO BCKREC ON A FILE OPENED FOR APPEND

1038.0 *** SYSTEM FATAL MESSAGE 1038 (ZIO)
ILLEGAL OPCODE =%1

1041.0 *** SYSTEM FATAL MESSAGE 1041 (GALLEX)
THE DB-DIRECTORY FOR %1 HAS BEEN FILLED UP AND IS NOT EXPANDABLE.
USER ACTION: 1. DELETE UNWANTED FILES FROM THE DBSET IF PERMANENT.

2. INCREASE BUFFSIZE AND/OR CLUSTER SIZE FOR THIS DBSET, IF TEMPORARY.

1042.0 *** SYSTEM FATAL MESSAGE 1042 (GALLEX)
FILE %1 NOT FOUND IN FIST

1046.0 *** USER FATAL MESSAGE 1046, (INQPFL)
FORTRAN INQUIRE ERROR
IOSTAT = %1, %2
LOGICAL = %3 FILE = %4

1047.0 *** USER FATAL MESSAGE 1047 (PRCMPL)
ILLEGAL INPUT FOR SUBDMAP %1. THE ABOVE COMMAND IS AN NDDL COMMAND.
USER ACTION: CORRECT OR REMOVE THE SUBDMAP COMPILE CARD.
User information:
This error occurs when compiling a SUBDMAP which contains NDDL statements. Correct your COMPILE statement to specify that you are compiling NDDL, using the NDDL keyword on the COMPILE statement.

1048.0 *** USER FATAL MESSAGE 1048 (PRCMPL)
ILLEGAL INPUT FOR NDDL %1. THE ABOVE COMMAND IS NOT AN NDDL COMMAND.
USER ACTION: CORRECT OR REMOVE THE NDDL COMPILE CARD.
User information:
This error occurs when compiling an NDDL which contains DMAP statements.
Correct your COMPILE card to specify that you are compiling SUBDMAP, using the SUBDMAP keyword on the COMPILE card.

1049.0 *** USER FATAL MESSAGE 1049 (XSPAC)
AMOUNT OF USER OPENCORE(HICORE), MASTER(RAM) SCRATCH(MEM) AND BUFFER POOL SIZE HAVE EXCEEDED THE NX NASTRAN MEMORY LIMIT:
NX NASTRAN MEMORY LIMIT =%1 WORDS
USER OPENCORE(HICORE) =%2
MASTER(RAM) SIZE =%3
SCRATCH(MEM) SIZE =%4 (%5 BUFFERS)
BUFFER POOL SIZE =%6 (%7 BUFFERS)
USER ACTION:
DECREASE THE SUM OF HICORE, MASTER(RAM), SCRATCH(MEM) AND BUFFER POOL SIZE TO FIT WITHIN THE NX NASTRAN MEMORY LIMIT.

1050.0 *** USER WARNING MESSAGE 1050 (DBPRVR)
THE PROJECT ID = '%1' SPECIFIED ON THE DBDIR CARD IS NOT DEFINED IN THIS DATA BASE

1051.0 *** USER WARNING MESSAGE 1051 (DBPRVR)
THE VERSION ID = %1 OF PROJECT '%2' ON THE DBDIR CARD HAS

ALREADY BEEN DELETED.
USER INFORMATION: THIS DBDIR CARD IS IGNORED.

1052.0 *** USER WARNING MESSAGE 1052 (DBPRVR)
THE VERSION ID = %1 OF PROJECT '%2' ON THE DBDIR CARD HAS NEVER BEEN CREATED.
USER INFORMATION: THIS DBDIR CARD IS IGNORED.

1053.0 *** USER FATAL MESSAGE 1053 (GPVTSH)
PARAMETER INPUT DATA ERROR, ILLEGAL VALUE FOR PARAMETER NAMED %1.

1102.0 *** SYSTEM WARNING MESSAGE 1102 (BPOPEN)
BUFFER FOUND IS ALREADY AN ACTIVE BUFFER

1103.0 *** SYSTEM FATAL MESSAGE 1103 (BPOPEN)
LOGIC ERROR IN BUFFER POOL MANAGEMENT LINK LIST.
BUFFER IN LINK LIST OF %1 EXCEEDS DEFAULT SIZE OF %2
USER ACTION: PLEASE SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
System information:
This has been observed for very dense complex unsymmetric matrices.
An avoidance is to increase WSL or decrease HICORE and REAL.
See Error Report 3670 in section 17.4 of NX NASTRAN Reference Manual.

1104.0 *** SYSTEM FATAL MESSAGE 1104 (XCHK)
FDICT TABLE IS INCORRECT

1105.0 *** SYSTEM WARNING MESSAGE 1105 (BPSIZE)
NO MEMORY AVAILABLE FOR BUFFER POOLING.
PROGRAMMER INFORMATION:
BPOOL = %1 MAXBUF = %2 NEEDBF = %3 LIMIT = %4

1105.1 *** USER FATAL MESSAGE 1105 (XCHK)
CANNOT FIND DATA BLOCK NAMED %1 HEADER RECORD = %2

1106.0 *** SYSTEM FATAL MESSAGE 1106
ATTEMPT TO CLOSE FILE %1 WHICH IS NOT CURRENTLY OPENED.
USER INFORMATION: THE ABOVE FILE CONTAINS THE DATA BASE DIRECTORY

1106.1 *** SYSTEM FATAL MESSAGE 1106 (CLSDBS)
ATTEMPT TO CLOSE FILE %1 WHICH IS NOT CURRENTLY OPENED.
USER INFORMATION: THE ABOVE FILE CONTAINS THE DATA BASE DIRECTORY

1106.2 *** SYSTEM FATAL MESSAGE 1106 (CLSDBM)
ATTEMPT TO CLOSE FILE %1 WHICH IS NOT CURRENTLY OPENED.
USER INFORMATION: THE ABOVE FILE CONTAINS THE DATA BASE BIT MAP

1107.0 *** USER FATAL MESSAGE 1107 (OPNENT)
A NON-400 FIST NUMBER OF %1 USED, WHEN ATTEMPTING TO OPEN THE DBENTRY FILE

1107.1 *** SYSTEM FATAL MESSAGE 1107 (CLSENT)
A NON-400 FIST NUMBER OF %1 USED, WHEN ATTEMPTING TO CLOSE THE DBENTRY FILE

1108.0 *** SYSTEM FATAL MESSAGE 1108 (XCHK)
PURGE TABLE OVERFLOWED

1108.1 *** SYSTEM FATAL MESSAGE 1108 (ZRDBLK)
TEMPORARY NDDL BULK ENTRY NAME TABLE OVERFLOWED

1112.0 **** SYSTEM FATAL MESSAGE 1112 (LCLEAD)
ATTEMPT TO ADD A DBENTRY IN A LOCATION WHERE ANOTHER DBENTRY ALREADY EXISTS.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: DBENTRY POINTER, /FREEX/ AND CONTENTS OF DBENTRY ARE:
%1
%2
%3

1112.1 **** SYSTEM FATAL MESSAGE 1112 (DBEADD)
ATTEMPT TO ADD A DBENTRY IN A LOCATION WHERE ANOTHER DBENTRY ALREADY EXISTS.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

1113.1 *** SYSTEM WARNING MESSAGE 1113 (DBEDEL)
WHILE ATTEMPTING TO DECREMENT THE PVA TABLE COUNTER, NO ENTRIES WERE FOUND FOR THIS PATH.
USER ACTION: MAKE RUN USING FMS COMMAND DBFIX

1114.0 *** SYSTEM FATAL MESSAGE 1114 (XREMOV)
POTENTIAL INFINITE-LOOP PROBLEM EXISTS IN DBENTRY TABLE FOR DATA BLOCK = %1
USER ACTION: RESUBMIT THIS RUN WITH FMS COMMAND DBFIX

1114.1 *** SYSTEM FATAL MESSAGE 1114 (XECHRD)
POTENTIAL INFINITE-LOOP PROBLEM EXISTS IN DBENTRY TABLE
USER ACTION: RESUBMIT THIS RUN WITH FMS COMMAND DBFIX
PROGRAMMER INFORMATION: ENTPTR=%1
CNTBLK=%2

1114.2 *** SYSTEM FATAL MESSAGE 1114 (XECHAD)
POTENTIAL INFINITE-LOOP PROBLEM EXISTS IN DBENTRY TABLE
USER ACTION: RESUBMIT THIS RUN WITH FMS COMMAND DBFIX
PROGRAMMER INFORMATION: ENTPTR=%1 ENTPT2=%2
CNTBLK=%3 %4%5%6

1114.3 *** SYSTEM FATAL MESSAGE 1114 (PRJVFN)
POTENTIAL INFINITE-LOOP PROBLEM EXISTS IN DBENTRY TABLE FOR %1 = %2

USER ACTION: RESUBMIT THIS RUN WITH FMS COMMAND DBFIX.

1114.4 *** SYSTEM FATAL MESSAGE 1114 (DBXREM)
POTENTIAL INFINITE-LOOP PROBLEM EXISTS IN DBENTRY TABLE FOR DATA BLOCK = %1
USER ACTION: RESUBMIT THIS RUN WITH FMS COMMAND DBFIX.

1115.0 *** SYSTEM FATAL MESSAGE 1115 (XEQDIN)
ERROR OPENING THE DATABASE TRANSACTION FILE (DBRQUE).
GINO FILE NAME = %1
USER ACTION: SEND THIS RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
System information:
This has been observed when using the SOLVE module and the B matrix in A x = B is null. Explicitly define an identity matrix for the B
B matrix input. If the SOLVE module is not used, then contact SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

1117.0 *** SYSTEM FATAL MESSAGE 1117 (DBESEA)
DBENTRY TABLE POINTER TO DB DIRECTORY EQUALS 0.

1119.0 *57* SYSTEM WARNING MESSAGE 1119 (DIRCLN)
ATTEMPTING TO DELETE AN EMPTY DB-DIRECTORY
USER INFORMATION: THIS MAY INDICATE A PROBLEM.
NAME=%1 ON DBSET %2
User information:
This message will be issued if a data block name appears twice as input to a module and its LTU (last-time-used) is also at that module. For example, in the following module,
SMPYAD PHI,MAA,PHI,,,/X/3////1 $
this error would occur if this were the last time PHI were used.
This does not indicate a problem.

1120.0 *** SYSTEM FATAL MESSAGE 1120 (DIRPT3)
THE DATA BASE DBENTRY TABLE HAS NO DBSET/FILPOS OFFSET
USER INFORMATION: THIS MAY INDICATE THAT THE DATABASE DIRECTORY HAS BEEN DESTROYED
USER ACTION: TURN ON DIAG 2 AND SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT
PROGRAMMER ACTION: VARIABLES OF INTEREST:
NAME = %1 DBEPTR,DBDPTR,DBSPTR = %2

1121.0 *** USER WARNING MESSAGE 1121 (DIRPT2)
ROUTINE DIRPT2 WAS CALLED WITH AN ILLEGAL OPCODE = %1.
USER INFORMATION: NO ***DIAG 2*** PRINT HAS BEEN PRODUCED.

1122.0 *** USER FATAL MESSAGE 1122 (DIRPT3)
THE FILE ASSIGNMENT (DBSPACE) TABLE DOES NOT CONTAIN AN ENTRY FOR THE SCRATCH DBSET, INDICATING IT WAS NOT ALLOCATED

FOR THIS RUN.

1123.0 *** SYSTEM FATAL MESSAGE 1123 (GDBSNO)
DATABASE NUMBER:%1 IS OUT OF RANGE. DBSPTR =%2
USER ACTION : MAKE SURE ALL ATTACHED DATABASE(S), INCLUDING THE DELIVERY DATABASE, ARE VERSION (e.g. 69) COMPATIBLE.

1124.0 *** USER FATAL MESSAGE 1124 (GNFIST)
AN APPENDABLE OUTPUT FILE %1 CANNOT BE ACCESSED WITH THE DBLOCATE COMMAND.
USER ACTION: REMOVE THIS DATABLOCK NAME FROM THE DBLOCATE COMMAND AND RERUN JOB

1125.0 ****SYSTEM FATAL MESSAGE 1125 (GNFIST)
PROGRAM LOGIC ERROR -- UNGENERATED OUTPUT DATA BLOCK %1(%2) DETECTED AT CONCLUSION OF FILE ALLOCATION ROUTINE.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

1126.0 *** USER FATAL MESSAGE 1126 (GNFIST)
DMAP MODULE %1 IS ATTEMPTING TO OUTPUT DATABLOCK %2 NAME = %3, WHICH ALREADY EXISTS.
USER ACTION: DELETE THE DATABLOCK, OR USE FILE %4=OVRWRT
User information:
In nonlinear analysis, this occurs when iterations for the current subcase have been terminated without
convergence.

1127.0 *** USER FATAL MESSAGE 1127 (SALLOC)
DBUNLOAD IS ATTEMPTING TO ACCESS DATA BLOCK NAME = %1 WHICH IS ON AN UNAVAILABLE DBSET =%2

1127.1 *** USER FATAL MESSAGE 1127 (GNFIST)
DMAP MODULE %1 IS ATTEMPTING TO ACCESS DATA BLOCK %2 NAME = %3 WHICH IS ON AN UNAVAILABLE DBSET

1128.0 *** SYSTEM FATAL MESSAGE 1128 (GNLOC)
A LOCATION PARAMETER HAS AN INCORRECT TYPE AND/OR LENGTH.
USER INFORMATION:
1. GNLOC PERFORMS MODULE FILE ALLOCATIONS
2. LOCATION PARAMETER MUST BE TYPE 3 (BCD) AND LENGTH 2
USER ACTION: SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT
PROGRAMMER INFORMATION:
1. THE DBDIR RECORD INDICATES TYPE = %1 AND LENGTH = %2
2. THE FULL DBDIR RECORD IS:
%3%4%5

VALUE = %6
%7
%8
PROGRAMMER ACTION: THE NDDL COMPILER SHOULD HAVE CAUGHT THIS DISCREPANCY. THE DATA BASE MAY HAVE BEEN DESTROYED

1129.0 *** USER FATAL MESSAGE 1129 (GNLOC)
THE FILE ASSIGNMENT (DBSPACE) TABLE CONTAINS NO ENTRY FOR LOCATION PARAMETER %1 = %2
USER INFORMATION:
1. GNLOC PERFORMS MODULE FILE ALLOCATIONS
2. THE DBSET %3 WAS NOT ALLOCATED FOR THIS RUN
PROGRAMMER INFORMATION:
THE FULL DBDIR RECORD CONTAINING THIS LOCATION PARAMETER IS:
%4%5%6%7

1130.0 *** SYSTEM FATAL MESSAGE 1130 (GNLOC)
PARAMETERS USED AS "LOCATION" PARAMETERS MUST BE OF TYPE=3 (BCD) AND LENGTH=2.
USER INFORMATION: THE PARAMETER DBNAME TABLE ENTRY FOR THIS PARAMETER IS :
%1%2
USER ACTION: SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION:
1. THE NDDL COMPILER SHOULD HAVE CAUGHT THIS ERROR.
2. IF THE PARAMETER ENTRY DUMP IS CORRECT, THEN OPEN CORE MAY HAVE BEEN OVERWRITTEN, OR
3. THE DATA BASE MAY HAVE BEEN DESTROYED/DAMAGED

1131.0 *** SYSTEM FATAL MESSAGE 1131 (GNPARM)
THE POINTER INTO THE VPS TABLE FROM THE OSCAR IS ZERO
USER ACTION: SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: THIS ERROR MAY MEAN THAT OPEN CORE HAS BEEN OVERWRITTEN

1133.0 *** USER FATAL MESSAGE 1133 (GNXFST)
INVALID INPUT FIST NUMBER = %1
JOB TERMINATED DUE TO ABOVE ERROR

1135.0 *** USER FATAL MESSAGE 1135 (XTVPS2)
DMAP MODULE %1 IS ATTEMPTING TO ACCESS PARAMETER NAME = %2
WHICH IS ON AN UNAVAILABLE DBSET = %3 IN DATABASE NUMBER (DBSNO) = %4

1135.1 *** USER FATAL MESSAGE 1135

THE FILE ASSIGNMENT (DBSPACE) TABLE CONTAINS NO ENTRY FOR THE %1 DBSET, INDICATING IT WAS NOT ALLOCATED FOR THIS RUN.
User information:
Check ASSIGN FMS statements and DBS keyword for misspelled or improper
physical file specification.

1135.3 *** USER FATAL MESSAGE 1135 (GNPREP)
THE FILE ASSIGNMENT (DBSPACE) TABLE CONTAINS NO ENTRY FOR THE SCRATCH DBSET, INDICATING IT WAS NOT ALLOCATED FOR THIS RUN.
User information:
Check ASSIGN FMS statements and DBS keyword for misspelled or improper
physical file specification.

1135.4 *** USER FATAL MESSAGE 1135 (GNPARM)
DMAP MODULE %1 IS ATTEMPTING TO ACCESS PARAMETER NAME = %2
WHICH IS ON AN UNAVAILABLE DBSET = %3 IN DATABASE NUMBER (DBSNO) =%4

1135.5 *** USER FATAL MESSAGE 1135 (GNLOC)
THE FILE ASSIGNMENT (DBSPACE) TABLE CONTAINS NO ENTRY FOR THE MASTER DBSET, INDICATING IT WAS NOT ALLOCATED FOR THIS RUN.
User information:
Check ASSIGN FMS statements and DBS keyword for misspelled or improper
physical file specification.

1135.6 *** USER FATAL MESSAGE 1135 (GNALOC)
THE FILE ASSIGNMENT (DBSPACE) TABLE CONTAINS NO ENTRY FOR THE SCRATCH OR OBJSCR DBSETS, INDICATING THEY WERE NOT
ALLOCATED FOR THIS RUN.
User information:
Check ASSIGN FMS statements and DBS keyword for misspelled or improper
physical file specification.

1139.0 *** SYSTEM FATAL MESSAGE 1139 (QVAGEN)
THE MAXIMUM QUALIFIER TABLE LENGTH HAS BEEN EXCEEDED
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT REGARDING THIS ERROR.
PROGRAMMER INFORMATION: THE MAXIMUM LENGTH IS %1
PROGRAMMER ACTION: INCREASE MAXIMUM TABLE LENGTH IN CALLING ROUTINE.

1139.1 *** SYSTEM FATAL MESSAGE 1139 (QUASEA)
THE MAXIMUM QUALIFIER TABLE LENGTH HAS BEEN EXCEEDED
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT REGARDING THIS ERROR.
PROGRAMMER INFORMATION: THE MAXIMUM TABLE LENGTH IS %1
THE REQUESTED NUMBER OF QUALIFIER IS %2
PROGRAMMER ACTION: INCREASE MAXIMUM TABLE LENGTH IN CALLING ROUTINE.

1139.2 *** SYSTEM FATAL MESSAGE 1139
THE MAXIMUM QUALIFIER TABLE LENGTH HAS BEEN EXCEEDED

1140.0 *** USER FATAL MESSAGE 1140 (RESENT)
AN ERROR HAS BEEN DETECTED IN THE DATABASE POINTERS
USER ACTION: SUBMIT A RUN WITH FMS COMMAND DBFIX.
PROGRAMMER ACTION: THIS ERROR OCCURRED WHILE SEARCHING FOR THE BEGINNING OF THE DBENTRY FREE-CHAIN. THE FREE-CHAIN APPEARS TO BE CONNECTED IN A CIRCULAR LOOP.

1141.0 *** USER INFORMATION MESSAGE 1141 (RESENT)
A DB-DIRECTORY NOT PROPERLY CLOSED IN THE PREVIOUS RUN IS BEING RESTORED BY THIS RUN.

1142.0 *** USER FATAL MESSAGE 1142 (RSPRVR)
THE RESTART PROJECT ID = '%1' IS NOT DEFINED IN THIS DATA BASE

1142.1 *** USER FATAL MESSAGE 1142 (DBCLPR)
THE PROJECT ID ='%1' SPECIFIED ON THE DBCLEAN CARD IS NOT DEFINED IN THIS DATA BASE

1143.0 *** USER FATAL MESSAGE 1143 (RSPRVR)
THE RESTART STATEMENT REFERENCES RESTART VERSION ID = %1,WHICH DOES NOT EXIST.

1144.0 *** USER INFORMATION MESSAGE 1144 (RSPRVR)
LAST VERSION CREATED IS BEING USED FOR THIS RESTART JOB.
LAST VERSION = %1 PROJECT = %2

1145.0 *** USER FATAL MESSAGE 1145 (RSPRVR)
THE VERSION ID = %1 OF PROJECT '%2' SPECIFIED ON RESTART CARD HAS BEEN DELETED
PRIOR TO THIS RUN. A RESTART IS IMPOSSIBLE.

1146.0 *** SYSTEM FATAL MESSAGE 1146 (RESENT)
ATTEMPTING TO READ BEYOND THE END OF DATA ON THE DATABASE DBENTRY TABLE.
USER ACTION: RESUBMIT THIS RUN WITH FMS COMMAND DBFIX.
PROGRAMMER INFORMATION: ATTEMPT TO READ DBENTRY BLOCK NUMBER %1. THE LAST DBENTRY BLOCK NUMBER

SPECIFIED IN DBDIR TABLE IS %2.

1147.0 *** SYSTEM WARNING MESSAGE 1147 (WRTTRL)
BAD TRAILER FOR FILE %1
System information:
This message will be issued when one of the trailer values (see the NX NASTRAN DMAP Module Dictionary) is outside an accepted range. For example, if the density of a matrix exceeds 1.0, the message is issued. Usually, these messages will not have an adverse affect on the job, but should be reported to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT as a precaution.

1147.1 *** SYSTEM WARNING MESSAGE 1147 (SSMHFD)
BAD TRAILER FOR FILE %1
System information:
This message will be issued when one of the trailer values (see the NX NASTRAN DMAP Module Dictionary) is outside an accepted range. For example, if the density of a matrix exceeds 1.0, the message is issued. Usually, these messages will not have an adverse affect on the job, but should be reported to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT as a precaution.

1148.0 *** SYSTEM WARNING MESSAGE 1148 (WRTTRL)
UNABLE TO WRITE TRAILER FOR FILE %1

1148.1 *** SYSTEM WARNING MESSAGE 1148 (PTNZTM)
UNABLE TO WRITE EXTENDED TRAILER FOR FILE %1

1150.0 *** SYSTEM FATAL MESSAGE 1150 (XRSLTU)
END OF FILE ENCOUNTERED WHILE DOING CONDITIONAL JUMP FROM COND, DMAP STATEMENT NUMBER IS %1
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

1151.0 *** SYSTEM FATAL MESSAGE 1151 (XCEI)
ERROR DELETING SCRATCH FILE %1 AT TOP OF DMAP LOOP

1152.0 *** USER WARNING MESSAGE 1152 (XCLNUP)
SOME DBSETS IN THIS DATA BASE WERE NOT INITIALIZED COMPLETELY.
USER INFORMATION: THE DATA BASE CREATED IN THIS RUN IS TOO IMMATURE TO BE RESTARTED.
USER ACTION: DELETE THIS DATA BASE BEFORE STARTING YOUR NEXT RUN.

1153.0 *** USER WARNING MESSAGE 1153 (XCLNUP)
THE NDDL FOR THIS DATA BASE HAS NEITHER BEEN CREATED NOR OBTAINED FROM THE DELIVERY DATA BASE.
USER INFORMATION: THE DATA BASE CREATED IN THIS RUN IS TOO IMMATURE TO BE RESTARTED.
USER ACTION: DELETE THIS DATA BASE BEFORE STARTING YOUR NEXT RUN.

1155.0 *** SYSTEM FATAL MESSAGE 1155 (XCLOAD)
FILPOS POINTER TO DBDIR (DBENTRY) TABLE = 0
USER ACTION: SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT, WITH DATA BASE DIRECTORY PRINT
PROGRAMMER ACTION: EXAMINE DBENTRY ENTRY -- DBEPTR = %1

1156.0 *** SYSTEM INFORMATION MESSAGE 1156 (XCLNUP)
GINO FILE %1 WAS LEFT OPEN AT PROGRAM TERMINATION.

1157.0 *** USER FATAL MESSAGE 1157 (XDRMGR)
THE %1 DATA BASE CONTAINS INVALID OR NULL MASTER DIRECTORIES(NDDL).
USER INFORMATION: THE NDDL FOR THIS DATA BASE HAS NEITHER BEEN CREATED NOR OBTAINED FROM THE DELIVERY DATA BASE.
THE DATA BASE ATTACHED TO THIS RUN IS TOO IMMATURE TO BE RESTARTED.
USER ACTION: DELETE THIS DATA BASE AND RESUBMIT ITS DATA BASE INITIALIZATION RUN.

1158.0 *** SYSTEM FATAL MESSAGE 1158 (XRETUR)
UNEXPECTED END OF FILE ENCOUNTERED WHILE POSITIONING BACK TO CALLING SUBDMAP %1

1159.0 *** SYSTEM FATAL MESSAGE 1159 (XRETUR)
THE "MAIN" SUBDMAP %1 CANNOT HAVE A "RETURN" STATEMENT

1160.0 *** SYSTEM FATAL MESSAGE 1160 (XSTORE)
OSCAR FILE MUST BE INCORRECTLY POSITIONED SINCE END-OF-FILE ENCOUNTERED
USER ACTION: SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER ACTION: CHECK LOGIC IN ROUTINE XSEM.

1160.1 *** SYSTEM FATAL MESSAGE 1160 (XRSLTU)
OSCAR FILE MUST BE INCORRECTLY POSITIONED SINCE END-OF-FILE ENCOUNTERED
USER ACTION: SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER ACTION: CHECK LOGIC IN ROUTINE XRSLTU.

1160.2 *** SYSTEM FATAL MESSAGE 1160 (XCEI)
OSCAR FILE MUST BE INCORRECTLY POSITIONED SINCE END-OF-FILE ENCOUNTERED
USER ACTION: SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT
PROGRAMMER ACTION: CHECK LOGIC IN ROUTINE XCEI.

1161.0 *** SYSTEM FATAL MESSAGE 1161 (XSTORE)
THE PREALLOCATED SPACE FOR DBDIR RECORDS IS

INSUFFICIENT
USER ACTION: SEND THIS RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT
PROGRAMMER ACTION: INCREASE THE APPROPRIATE FIXED BUFFER SIZE

1162.0 *** SYSTEM FATAL MESSAGE 1162 (XSTORE)
CODING LOGIC ERROR ,TYPE VARIABLE = %1 IS INVALID IN CALLS TO XSTORE

1163.0 *** SYSTEM INFORMATIONAL MESSAGE 1163 (XSTVPS)
AN ATTEMPT WAS MADE TO UPDATE AN UNKNOWN LOCAL VPS ENTRY %1

1164.0 *** SYSTEM INFORMATIONAL MESSAGE 1164 (XSTVPS)
AN ATTEMPT WAS MADE TO UPDATE THE LOCAL VPS ENTRY %1, WHOSE VALUE IS STORED ON THE DATA BASE

1165.0 *** SYSTEM FATAL MESSAGE 1165 (XSTVPS)
AN ATTEMPT WAS MADE TO UPDATE THE TYPE OF THE LOCAL VPS ENTRY %1 FROM TYPE %2 TO TYPE %3

1166.0 *** SYSTEM INFORMATIONAL MESSAGE 1166 (XSTVPS)
AN UPDATE TO THE CHARACTER ENTRY %1 IN THE LOCAL VPS WAS TRUNCATED FROM %2 WORDS TO %3 WORDS

1167.0 *** SYSTEM FATAL MESSAGE 1167 (XSUBLD)
THE DUMMY RECORD IS MISSING FROM THE OSCAR FILE %1

1168.0 *** SYSTEM FATAL MESSAGE 1168 (DBOLD)
THE NUMBER OF ENTRIES IN THE EXECUTIVE TABLE HAS BEEN EXCEEDED.
USER ACTION: 1) ADD THE FOLLOWING KEYWORD TO THE %1 STATEMENT: SYSTEM(162)=%2
2) OR REDUCE NUMBER OF SUBDMAPS IN THIS RUN.

1169.0 *** SYSTEM FATAL MESSAGE 1169 (XSTVPS)
AN ATTEMPT WAS MADE TO UPDATE THE LENGTH OF THE LOCAL VPS ENTRY %1 OF TYPE %2 FROM %3 TO %4 WORDS

1170.0 *** SYSTEM INFORMATIONAL MESSAGE 1170 (XSTVPS)
AN UPDATE TO THE CHARACTER ENTRY %1 IN THE LOCAL VPS WAS BLANK-FILLED FROM WORD %2 FOR %3 WORDS

1171.0 *** SYSTEM FATAL MESSAGE 1171 (XSUBLD)
UNEXPECTED END OF RECORD FOUND ON THE FIRST RECORD OF THE OSCAR FILE = %1
USER INFORMATION: THIS IS PROBABLY NOT AN OSCAR DATA BLOCK
USER ACTION: SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT
PROGRAMMER ACTION: EXAMINE THE FOLLOWING DUMP OF THE OSCAR FILE

1173.0 *** USER INFORMATION MESSAGE 1173 (DBCLPR)
VERSION %1 OF PROJECT '%2' HAS BEEN DELETED FROM THE PRIMARY DATA BASE.
THE CREATION DATE OF THIS VERSION IS %3/%4/%5 %6:%7.%8

1174.0 *** USER WARNING MESSAGE 1174 (DBCLPR)
THE VERSION ID = %1 OF PROJECT '%2' ON THE DBCLEAN CARD HAS NEVER BEEN CREATED.
USER INFORMATION: THIS DBCLEAN CARD IS IGNORED.

1174.1 *** USER WARNING MESSAGE 1174 (DBCLPR)
THE VERSION ID = %1 OF PROJECT '%2' ON THE DBCLEAN CARD HAS ALREADY BEEN DELETED.
USER INFORMATION: THIS DBCLEAN CARD IS IGNORED.

1175.0 *** USER FATAL MESSAGE 1175 (COPY1)
THE DBSET OF THE OUTPUT DATABLOCK HAS A BUFFSIZE LESS THEN THE DBSET OF THE INPUT DATABLOCK
USER INFORMATION:
THE DBSET OF THE INPUT DATABLOCK HAS BUFFSIZE OF %1
THE DBSET OF THE OUTPUT DATABLOCK HAS BUFFSIZE OF %2

1175.1 *** SYSTEM FATAL MESSAGE 1175 (COPY1)
THE DBSET OF THE OUTPUT DATABLOCK %1 (%2) HAS A NBUFF2 NOT EQUAL TO THE DBSET OF THE INPUT DATABLOCK
%3 (%4).
SYSTEM INFORMATION:
THE DBSET OF THE INPUT DATABLOCK HAS AN NBUFF2 OF %5
THE DBSET OF THE OUTPUT DATABLOCK HAS AN NBUFF2 OF %6

1175.2 *** SYSTEM FATAL MESSAGE 1175 (COPY1)
THE DBSET OF THE OUTPUT DATABLOCK %1 (%2) HAS A NBUFF2 LESS THAN THE DBSET OF THE INPUT DATABLOCK
%3 (%4).
SYSTEM INFORMATION:
THE DBSET OF THE INPUT DATABLOCK HAS AN NBUFF2 OF %5
THE DBSET OF THE OUTPUT DATABLOCK HAS AN NBUFF2 OF %6

1176.0 *** SYSTEM WARNING MESSAGE 1176 (DIRPT3)
NOT ENOUGH SPACE AVAILABLE TO PRINT ENTIRE PATH VALUE TABLE. PRINT WILL NOT INCLUDE PATH VALUES.

1177.0 *** SYSTEM WARNING (TEMPORARY) MESSAGE 1177 (DIRPT3)
SPILL LOGIC NOT YET INCORPORATED INTO THIS MODULE, AND DATA WILL NOT FIT IN OPEN CORE. DBDIR ABORTED.

1178.0 *** SYSTEM FATAL (TEMPORARY) MESSAGE 1178 (GNDIR)
DURING A DATABLOCK ALLOCATION THE DATA BASE DIRECTORY (DBDIR) HAS OVERFLOWED.
USER ACTIONS:
1. DELETE ANY UNWANTED FILES FROM THE DBSET THIS DATABLOCK IS ON (VIA DBCLEAN FMS COMMAND) AND RE-RUN.

2. CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION:
1. DATA BLOCK BEING ALLOCATED IS %1
2. XFIST # OF DBDIR IS %2

1179.0 *** USER INFORMATION MESSAGE 1179 (RESDBS)
A DB-DIRECTORY IMPROPERLY CLOSED IN THE PREVIOUS RUN IS BEING RESTORED BY THIS RUN.

1180.0 *** SYSTEM FATAL MESSAGE 1180 (DBCLN)
LOGIC ERROR IN DATA BASE CLEANUP ROUTINE
PROGRAMMER INFORMATION: VARIABLE DBUPTR (THE 10TH ENTRY OF THE DBTEMP ARRAY) INDICATES NO NEW OUTPUT DBDIR ENTRY WAS GENERATED FOR DATA BLOCK %1
ALL OUTPUT OR SCRATCH (300 SERIES) DATA BLOCKS MUST HAVE A NON-ZERO DBUPTR VALUE--
USER ACTION: RERUN WITH DIAG 44 AND THEN SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT

1181.0 *** SYSTEM FATAL MESSAGE 1181 (GPUTTS)
ERROR WRITING THE TIME STAMP TO THE DBSET %1
USER INFORMATION: THE CORRESPONDING PHYSICAL FILE IS: %2

1181.1 *** SYSTEM FATAL MESSAGE 1181 (GGETTS)
ERROR READING THE TIME STAMP FROM THE DBSET %1
USER INFORMATION: THE CORRESPONDING PHYSICAL FILE IS: %2

1182.0 *** SYSTEM FATAL MESSAGE 1182 (GPUTTS)
THE BIT MAP SHOWS CLUSTER FOR TIME STAMP IS ALREADY IN USE.

1183.0 *** SYSTEM WARNING MESSAGE 1183 (BPRITE)
FILE REQUESTED HAS NOT BEEN PREVIOUSLY OPENED
PROGRAMMER INFORMATION: REFNUM = %1 FILEX = %2 BPUNRF=%3

1183.1 *** SYSTEM WARNING MESSAGE 1183 (BPREWI)
FILE REQUESTED HAS NOT BEEN PREVIOUSLY OPENED
PROGRAMMER INFORMATION: REFNUM = %1

1183.2 *** SYSTEM FATAL MESSAGE 1183 (BPREAD)
FILE REQUESTED HAS NOT BEEN PREVIOUSLY OPENED
PROGRAMMER INFORMATION: REFNUM = %1 FILEX = %2 BPUNRF=%3

1183.3 *** SYSTEM WARNING MESSAGE 1183 (BPCLOS)
FILE REQUESTED HAS NOT BEEN PREVIOUSLY OPENED
PROGRAMMER INFORMATION: REFNUM = %1. FILEX = %2. NAM=%3 TOP=%4 BOT=%5 CUR=%6

1183.4 *** SYSTEM WARNING MESSAGE 1183 (BPBACK)

FILE REQUESTED HAS NOT BEEN PREVIOUSLY OPENED
PROGRAMMER INFORMATION: REFNUM = %1

1184.0 *** SYSTEM WARNING MESSAGE 1184 (BPREWI)
REWIND FILE WAS OPENED FOR WRITE
PROGRAMMER INFORMATION: REFNUM = %1 NAM = %2 TOP = %3
BOT = %4 CUR = %5

1184.1 *** SYSTEM WARNING MESSAGE 1184 (BPBACK)
BACKSPACE FILE WAS OPENED FOR WRITE
PROGRAMMER INFORMATION: REFNUM = %1 NAM = %2 TOP = %3
BOT = %4 CUR = %5

1185.0 *** SYSTEM FATAL MESSAGE 1185 (ADDPAT)
THE PATH VALUE TABLE HAS GROWN TOO LARGE FOR ITS
CURRENT LIMITS.
USER ACTION: INCREASE MASTER(RAM) SIZE ON THE INIT
MASTER COMMAND TO INCREASE THE SIZE OF THE TABLE.

1186.0 *** SYSTEM FATAL MESSAGE 1186
THE DBDIR CLUSTER PONTER RECORD LENGTH HAS BEEN
EXCEEDED AND IS NOT EXPANDABLE.
USER ACTION: DELETE DATA BLOCKS WHICH ARE NOT NEEDED
ON THE DATABASE WITH THE DELETE
DMAP MODULE, OR DELETE ENTIRE VERSIONS WITH THE
DBCLEAN FILE MANAGEMENT COMMAND.
System information:
Currently, a DB Directories cluster pointer record is unexpandable.
If it has filled up, the user must delete data blocks for the cluster
pointer record in order to proceed writing to his database. This has
been observed when the maximum number of superelements has been
exceeded.

1187.0 *** USER INFORMATION MESSAGE 1187 (XRETUR)
RETURNING TO SUBDMAP %1 WHICH WAS RECURSIVELY
CALLED

1188.0 *** USER FATAL MESSAGE 1188 (GALLEX)
DBSET %1 DOES NOT HAVE %2 CONTIGUOUS BLOCKS TO EXPAND
THIS DBSET DIRECTORY
USER ACTION: 1. USE FILE MANAGEMENT COMMAND "INIT" FOR
A TEMPORARY (SCRATCH) DBSET.
2. USE FILE MANAGEMENT COMMAND "EXPAND" FOR A
PERMANENT DBSET.
User information:
A number of contiguous blocks need to be allocated for an expansion
of a DBSET directory. The BIT-MAP is searched for available bits and
it cannot find the requested bits.

1189.0 *** SYSTEM FATAL MESSAGE 1189 (GALLOC)
THE SIZE DATA BLOCK %1 ON DBSET %2 HAS EXCEEDED THE NX

NASTRAN LIMIT OF 65535 GINO BLOCKS.
USER ACTION: 1. REDUCE THE SIZE OF THE MODEL OR DIVIDE THE MODEL INTO (MORE) SUPERELEMENTS,
OR 2. CREATE A NEW DATA BASE WITH A LARGER BUFFSIZE FOR THE DBSET,
OR 3. CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT FOR OTHER POSSIBLE AVOIDANCES.

1190.0 *** SYSTEM INFORMATION MESSAGE 1190 (NUMCPU)
NUMBER OF PROCESSORS REQUESTED=%1, NUMBER OF PROCESSORS AVAILABLE=%2
System information:
This is issued if the number of parallel processors specified on the NASTRAN PARALLEL statement exceeds the number available.

1191.0 *32* SYSTEM INFORMATION MESSAGE 1191 (XSTORE)
THE EXECUTIVE SYSTEM WORK AREA WILL BE INCREASED BY %1 WORDS DUE TO AN OVERFLOW OF TABLE TYPE = %2 *32*

1192.0 *** SYSTEM FATAL MESSAGE 1192 (LDUSAV)
THE SAVENT TABLE SIZE HAS BEEN EXCEEDED FOR %1 %2.
*** USER INFORMATION:
THE TABLE SIZE IS EQUAL TO %3 WORDS PARTITIONED FROM THE AVAILABLE OPENCORE SPACE.
*** USER ACTION:
INCREASE HICORE SIZE AND RERUN JOB.

1192.1 *** SYSTEM FATAL MESSAGE 1192 (LCXSIZ)
THE DIRECTORY TABLES SIZE HAS BEEN EXCEEDED.
USER INFORMATION: INCREASE HICORE SIZE AND RERUN JOB.
PROGRAMMER INFORMATION:
IDBSNO %1 NZ %2 BUF1 %3 DIRSIZ %4

1192.2 *** SYSTEM FATAL MESSAGE 1192 (LCXLOD)
THE DIRECTORY TABLES SIZE HAS BEEN EXCEEDED.
USER INFORMATION: INCREASE HICORE SIZE AND RERUN JOB.
PROGRAMMER INFORMATION:
IDBSNO%1 MXDLEN%2 BUF1%3 STARTZ%4 LENDIR%5 NZ%6 XPTRS%7
%8
%9

1192.3 *** SYSTEM FATAL MESSAGE 1192 (CKEQUV)
THE EQUIVALENCE CORRESPONDENCE TABLE SIZE HAS BEEN EXCEEDED.
*** USER INFORMATION:
THE TABLE SIZE IS EQUAL TO %1 WORDS PARTITIONED FROM THE AVAILABLE OPENCORE SPACE.

*** USER ACTION:
INCREASE HICORE SIZE AND RERUN JOB.

1192.4 *** SYSTEM FATAL MESSAGE 1192 (XINSBL)
THE NDDL RECORDS LENGTH TABLE SIZE HAS BEEN EXCEEDED.
PROGRAMMER INFORMATION: THE TABLE SIZE IS EQUAL TO %1
WORDS PARTITIONED FROM THE AVAILABLE OPENCORE SPACE.

1193.0 *** USER WARNING MESSAGE 1193 (UNLDRF)
THE FORMAT ON THE ASSIGN,DBUNLOAD STATEMENT IS
INCOMPATIBLE WITH THE FORM ON THE DBUNLOAD
STATEMENT FOR UNIT %1
*** USER INFORMATION:
1. FORMAT ON ASSIGN IS %2
2. FORM ON DBUNLOAD IS %3
3. DBUNLOAD FORM DEFAULTS ARE SET FOR THIS UNIT
RECL = %4 FORMAT = %5

1193.1 *** USER WARNING MESSAGE 1193 (LDLDRF)
THE FORMAT ON THE ASSIGN,DBLOAD STATEMENT IS
INCOMPATIBLE WITH THE FORM ON THE DBLOAD STATEMENT
FOR UNIT %1
*** USER INFORMATION:
1. FORMAT ON ASSIGN IS %2
2. FORM ON DBLOAD IS %3
3. DBLOAD FORM DEFAULTS ARE SET FOR THIS UNIT
RECL = %4 FORMAT = %5

1194.0 *** SYSTEM FATAL MESSAGE 1194 (UNLIFU)
OVERFLOW OF DBUNLOAD FORTRAN UNIT ARRAY
*** USER ACTION: REDUCE THE NUMBER OF FORTRAN UNITS
SPECIFIED IN DBUNLOAD STATEMENTS
*** USER INFORMATION: THE MAXIMUM NUMBER OF FORTRAN
UNITS THAT CAN BE SPECIFIED ON DBUNLOAD STATEMENTS IS
%1

1195.0 *** USER FATAL MESSAGE 1195 (UNLODR)
INVALID VALUE SPECIFIED FOR FORM KEYWORD ON DBUNLOAD
STATEMENT

1200.0 *** SYSTEM FATAL MESSAGE 1200 (UNDRVR)
AN ERROR HAS OCCURRED WHILE ATTEMPTING TO READ A
DBUNLOAD HEADER RECORD FROM THE FMS CONTROL FILE.
*** PROGRAMMER INFORMATION:
ERROR FLAG FROM FMSGEH = %1.

1200.1 *** SYSTEM FATAL MESSAGE 1200 (LDDRVR)
AN ERROR HAS OCCURRED WHILE ATTEMPTING TO READ A
DBLOAD HEADER RECORD FROM THE FMS CONTROL FILE.
*** PROGRAMMER INFORMATION:
ERROR FLAG FROM FMSGEH = %1.

1200.2 *** SYSTEM FATAL MESSAGE 1200 (DBDICT)
AN ERROR HAS OCCURRED WHILE ATTEMPTING TO READ A DBDICT HEADER RECORD FROM THE FMS CONTROL FILE.
*** PROGRAMMER INFORMATION:
ERROR FLAG FROM FMSGEH = %1.

1201.0 *** SYSTEM FATAL MESSAGE 1201 (UNDRVR)
AN ERROR HAS OCCURRED WHILE ATTEMPTING TO READ ONE OR MORE DBUNLOAD DATA RECORDS FROM THE FMS CONTROL FILE.
*** PROGRAMMER INFORMATION:
1. ERROR FLAG 1 FROM FMSGEI = %1.
2. ERROR FLAG 2 FROM FMSGEI = %2.
3. ERROR FLAG 3 FROM FMSGEI = %3.
4. ERROR FLAG 4 FROM FMSGEC = %4.
5. ERROR FLAG 5 FROM FMSGEC = %5.

1201.1 *** SYSTEM FATAL MESSAGE 1201 (LDDRVR)
AN ERROR HAS OCCURRED WHILE ATTEMPTING TO READ ONE OR MORE DBLOAD DATA RECORDS FROM THE FMS CONTROL FILE.
*** PROGRAMMER INFORMATION:
1. ERROR FLAG 1 FROM FMSGEI = %1.
2. ERROR FLAG 2 FROM FMSGEI = %2.
3. ERROR FLAG 3 FROM FMSGEI = %3.
4. ERROR FLAG 4 FROM FMSGEC = %4.
5. ERROR FLAG 5 FROM FMSGEC = %5.

1201.2 *** SYSTEM FATAL MESSAGE 1201 (LCDRVR)
AN ERROR HAS OCCURRED WHILE ATTEMPTING TO READ ONE OR MORE DBLOCATE DATA RECORDS FROM THE FMS CONTROL FILE.
*** PROGRAMMER INFORMATION:
1. HEDTYP FROM FMSGEH = %1.
2. ERROR FLAG 0 FROM FMSREW = %2.
3. ERROR FLAG 1 FROM FMSGEH = %3.
4. ERROR FLAG 2 FROM FMSGEI = %4.
5. ERROR FLAG 3 FROM FMSGEI = %5.
6. ERROR FLAG 4 FROM FMSGEI = %6.
7. ERROR FLAG 5 FROM FMSGEC = %7.
8. ERROR FLAG 6 FROM FMSGEC = %8.

1202.0 *** SYSTEM FATAL MESSAGE 1202 (UNDRVR)
AN ERROR HAS OCCURRED WHILE ATTEMPTING TO REWIND THE FMS CONTROL FILE.
*** PROGRAMMER INFORMATION:
ERROR FLAG FROM FMSREW = %1.

1203.0 *** USER WARNING MESSAGE 1203 (UNDRVR)
THE CONVERT CLAUSE IS NOT SUPPORTED BY THE DBUNLOAD

STATEMENT.
THE CONVERT CLAUSE SPECIFIED WILL BE IGNORED.
SPECIFIED CONVERT CLAUSE WAS:

1204.0 *** SYSTEM WARNING MESSAGE 1204 (UNRTN)
ABSOLUTE VALUE OF SINGLE PRECISION VALUE IS %1 THAN THE %2 FILTER OF %3,
AND WILL BE RESET TO THE CORRECTLY SIGNED FILTER VALUE

1204.1 *** SYSTEM WARNING MESSAGE 1204 (UNMTND)
ABSOLUTE VALUE OF DOUBLE PRECISION VALUE IS %1 THAN THE %2 FILTER OF %3,
AND WILL BE RESET TO THE CORRECTLY SIGNED FILTER VALUE

1205.0 **** SYSTEM INFORMATION MESSAGE 1205 (UNEND)
%1 ERRORS OCCURRED DURING TRANSMISSION PROCESS

1206.0 *** USER INFORMATION MESSAGE 1206
THE DATABLOCK %1 IN A DBUNLOAD REQUEST IS NOT DEFINED IN THE NX NASTRAN DATA DEFINITION LANGUAGE (NDDL)
THIS DATABLOCK WILL NOT BE TRANSLATED TO NEUTRAL FORMAT

1206.1 *** USER INFORMATION MESSAGE 1206
THE DATABLOCK %1 IN A DBUNLOAD REQUEST IS NOT DEFINED IN THE NX NASTRAN DATA DEFINITION LANGUAGE (NDDL)
THIS DATABLOCK WILL NOT BE BYTE SWAPPED

1206.2 *** USER INFORMATION MESSAGE 1206 (OUTPBN2)
THE DATABLOCK %1/%2 IN AN OUTPUT2 REQUEST IS NOT DEFINED IN THE NX NASTRAN DATA DEFINITION LANGUAGE (NDDL)
THIS DATABLOCK WILL NOT BE TRANSLATED TO ILP32/LP64 FORMAT OR BYTE SWAPPED

1206.4 *** USER INFORMATION MESSAGE 1206 (OUTPN2)
THE DATABLOCK %1/%2 IN AN OUTPUT2 REQUEST IS NOT DEFINED IN THE NX NASTRAN DATA DEFINITION LANGUAGE (NDDL)
THIS DATABLOCK WILL NOT BE TRANSLATED TO NEUTRAL FORMAT

1206.5 *** USER FATAL MESSAGE 1206 (OUTPT2)
BYTE SWAPPING ON LONG WORD MACHINES IS SUPPORTED ONLY WHILE WRITING A 32-BIT OUTPUT2 FILE.
PLEASE SUBMIT THE DECK AGAIN WITH PARAM,OP2FMT,32 TO GENERATE A BYTE SWAPPED 32-BIT OUTPUT2 FILE.

1206.6 *** USER FATAL MESSAGE 1206 (OUTPT4)
BYTE SWAPPING ON LONG WORD MACHINES IS SUPPORTED ONLY WHILE WRITING A 32-BIT OUTPUT4 FILE.
PLEASE SUBMIT THE DECK AGAIN WITH PARAM,OP4FMT,32 TO

GENERATE A BYTE SWAPPED 32-BIT OUTPUT4 FILE.

1206.7 *** USER FATAL MESSAGE 1206 (INPTT4)
BYTE SWAPPING ON LONG WORD MACHINES IS SUPPORTED ONLY WHILE READING A 32-BIT OUTPUT4 FILE.
PLEASE SUBMIT THE DECK AGAIN WITH PARAM,INP4FMT,32 TO READ IN A BYTE SWAPPED 32-BIT OUTPUT4 FILE.

1206.8 *** USER INFORMATION MESSAGE 1206 (RDDATABLK)
THE DATABLOCK %1/%2 IN AN INPUTT2 REQUEST IS NOT DEFINED IN THE NX NASTRAN DATA DEFINITION LANGUAGE (NDDL)
THIS DATABLOCK WILL NOT BE TRANSLATED INTO ILP64 FORMAT OR BYTE SWAPPED

1207.0 *** USER INFORMATION MESSAGE 1207 (UNLNEU)
THE DATABLOCK %1 DEFINED AS NDDL TYPE %2 IS NOT SUPPORTED BY NEUTRAL FILE TRANSLATION.
THIS DATABLOCK WILL NOT BE TRANSLATED TO NEUTRAL FORMAT.

1207.1 *** USER INFORMATION MESSAGE 1207 (OUTPN2)
THE DATABLOCK %1/%2 DEFINED AS NDDL TYPE %3 IS NOT SUPPORTED BY NEUTRAL FILE TRANSLATION.
THIS DATABLOCK WILL NOT BE TRANSLATED TO NEUTRAL FORMAT

1207.2 *** USER INFORMATION MESSAGE 1207 (OUTPN2)
THE DATABLOCK %1/%2 DEFINED AS NDDL TYPE %3 IS NOT SUPPORTED BY BYTE SWAPPING.
THIS DATABLOCK WILL NOT BE BYTE SWAPPED

1207.3 *** USER INFORMATION MESSAGE 1207 (RDDATABLK)
THE DATABLOCK %1/%2 DEFINED AS NDDL TYPE %3 IS NOT SUPPORTED FOR
INPUTT2 CONVERSION (LP64 TO ILP64 OR FOR BYTE SWAPPING).
THIS DATABLOCK WILL NOT BE READ INTO NASTRAN

1208.0 *** SYSTEM FATAL MESSAGE 1208 (UNSTR)
ERROR SETTING UP TRANSLATE TABLE AT LOC = %1

1209.0 *** SYSTEM FATAL MESSAGE 1209 (LDPARM)
INSUFFICIENT OPENCORE SPACE AVAILABLE TO LOAD SAVENT ARRAY FOR PARAMETER %1.
USER ACTION: INCREASE OPENCORE
USER INFORMATION:
1. THE SAVENT ARRAY USES 15 PERCENT OF AVAILABLE OPENCORE, OR %2 WORDS IN THIS RUN.
2. THIS SAVENT ARRAY CONTAINS %3 WORDS.

1209.1 *** SYSTEM FATAL MESSAGE 1209 (LDDBLK)
INSUFFICIENT OPENCORE SPACE AVAILABLE TO LOAD SAVENT

ARRAY FOR DATABLOCK %1.
USER ACTION: INCREASE OPENCORE
USER INFORMATION:
1. THE SAVENT ARRAY USES 15 PERCENT OF AVAILABLE OPENCORE, OR %2 WORDS IN THIS RUN.
2. THIS SAVENT ARRAY CONTAINS %3 WORDS.

1210.0 *** SYSTEM FATAL MESSAGE 1210 (LDPARM)
THE PRIMARY QUALIFIER TABLE SIZE HAS BEEN EXCEEDED FOR PARAMETER %1
USER INFORMATION:
THE MAXIMUM PRIMARY QUALIFIER TABLE SIZE IS %2 WORDS.
USER ACTION:
1. DECREASE NUMBER OF QUALIFIERS FOR PARAMETER AND RERUN JOB
2. NOTIFY SIEMENS PLM SOFTWARE CUSTOMER SUPPORT

1210.1 *** SYSTEM FATAL MESSAGE 1210 (LDDBLK)
THE PRIMARY QUALIFIER TABLE SIZE HAS BEEN EXCEEDED FOR DATABLOCK %1
USER INFORMATION:
THE MAXIMUM PRIMARY QUALIFIER TABLE SIZE IS %2 WORDS.
USER ACTION:
1. DECREASE NUMBER OF QUALIFIERS FOR DATABLOCK AND RERUN JOB
2. NOTIFY SIEMENS PLM SOFTWARE CUSTOMER SUPPORT

1211.0 *** SYSTEM FATAL MESSAGE 1211 (LDDRVR)
AN ERROR WAS DETECTED IN THE SUBROUTINE LDLENT WHEN ATTEMPTING TO LOAD A DATABLOCK OR PARAMETER TO THE DATABASE
*** USER INFORMATION:
THE REMAINING INPUT FILE WILL NOT BE PROCESSED

1212.0 *** SYSTEM FATAL MESSAGE 1212 (LDINPT)
INVALID DATABLOCK TRAILER DETECTED FOR %1 DURING DBLOAD NEUTRAL FILE PROCESSING.
*** USER INFORMATION:
1. DATABLOCK TRAILERS CONSIST OF%2 WORDS.
2. THIS TRAILER CONTAINS %3 WORDS.

1213.0 *** SYSTEM FATAL MESSAGE 1213 (LDPHDR)
HEADER RECORD MISSING ON NEUTRAL FILE ATTACHED TO UNIT%1

1214.0 *** SYSTEM INFORMATION MESSAGE 1214 (LDRTRN)
ERROR TRANSLATING DATA FROM NEUTRAL FILE READ FOR SUBROUTINE %1.
CHARACTER = A POSITION IS LINE %2 CHARACTER %3

1215.0 *** USER FATAL MESSAGE 1215 (CKRVER)

THE PRIMARY DATABASE IS INCOMPATIBLE WITH THIS VERSION OF THE PROGRAM.
USER INFORMATION:
PRIMARY DATABASE VERSION IS %1
PROGRAM VERSION IS %2
USER ACTIONS:
1. CONVERT THE PRIMARY DATABASE USING THE SIEMENS PLM SOFTWARE CUSTOMER SUPPORT MIGRATION TOOLS.
2. OR, SET SYSTEM CELL 148 ON %3 STATEMENT TO IGNORE THIS INCOMPATIBILITY, E.G.,
"%4 SYSTEM(148)=1". HOWEVER, IGNORING THIS INCOMPATIBILITY MAY LEAD TO UNPREDICTABLE RESULTS.

1216.0 *** SYSTEM INFORMATION MESSAGE 1216 (LDDBLK)
THE DATABLOCK %1 CLASSIFIED AS NDDL-TYPE %2 CANNOT BE LOADED TO THIS DATABASE BECAUSE THE PROGRAM BUFFER SIZES
ARE INCOMPATIBLE
UNLOAD BUFFER SIZE: %3
LOAD BUFFER SIZE: %4

1216.1 *** SYSTEM INFORMATION MESSAGE 1216 (LDDBLK)
THE DATABLOCK %1 CLASSIFIED AS NDDL-TYPE %2 CANNOT BE LOADED TO THIS DATABASE BECAUSE THE MACHINE TYPES
ARE INCOMPATIBLE
UNLOAD MACHINE TYPE: %3
LOAD MACHINE TYPE: %4

1217.0 *** USER FATAL MESSAGE 1217 (LCDEFC)
VERSION IS NOT SPECIFIED IN CONVERT CLAUSE. CONTENTS OF CONVERT CLAUSE:
%1
USER ACTION: SPECIFY PROJECT AND VERSION.
User information:
If either PROJECT or VERSION is specified then both must be specified.

1218.0 *** USER FATAL MESSAGE 1218 (VWDRVR)
RUN IS TERMINATED DUE TO ABOVE ERROR(S) IN DBVIEW STATEMENT.

1218.1 *** USER FATAL MESSAGE 1218 (LCDRVR)
RUN IS TERMINATED DUE TO ABOVE ERRORS IN DBLOCATE.

1219.0 *** USER FATAL MESSAGE 1219 (LCLENT)
AN ATTEMPT TO OVERWRITE THE EXISTING DATABLOCK/PARAMETER %1 WITH %2 WAS MADE BUT THE NOOVRWRT KEYWORD IS SPECIFIED.
PROGRAMMER INFORMATION: PATH-POINTER%3 DBENTRY POINTER%4

1220.0 *** USER INFORMATION MESSAGE 1220 (LCLPJV)

%1 IS CREATING
V E R S I O N - ID=%2 OF
P R O J E C T - ID="%3" (PROJECT-NO=%4) IN THE PRIMARY DATABASE.

1220.1 *** USER INFORMATION MESSAGE 1220 (LCLPJV)
%1 IS CREATING
P R O J E C T - ID="%2" (PROJECT-NO=%3) IN THE PRIMARY DATABASE.

1220.2 *** USER INFORMATION MESSAGE 1220 (LCLPJV)
%1 IS RECREATING
V E R S I O N - ID=%2 OF
P R O J E C T - ID="%3" (PROJECT-NO=%4) IN THE PRIMARY DATABASE.

1221.0 *** USER INFORMATION MESSAGE 1221
THE PARTITION OF THE SCRATCH DBSET USED FOR DMAP-SCRATCH DATABLOCKS IS FULL.
USER INFORMATION: THE DMAP-SCRATCH PARTITION WILL NOW SPILL INTO THE 300-SCRATCH PARTITION BECAUSE NASTRAN SYSTEM(151)=1.

1221.1 *** USER FATAL MESSAGE 1221 (GALLOX)
THE PARTITION OF THE SCRATCH DBSET USED FOR DMAP-SCRATCH DATABLOCKS IS FULL.
USER INFORMATION: THE DMAP SCRATCH PARTITION WILL NOT SPILL INTO THE 300-SCRATCH PARTITION.
USER ACTION: 1. SET NASTRAN SYSTEM(151)=1, OR
2. INCREASE THE NUMBER OF MEMBERS, AND/OR THEIR MAXIMUM SIZE, FOR THE SCRATCH DBSET ON THE "INIT" STATEMENT.

1221.2 *** USER INFORMATION MESSAGE 1221 (GALLOC)
THE PARTITION OF THE SCRATCH DBSET USED FOR 300-SCRATCH FILES IS FULL.
USER INFORMATION: THE 300-SCRATCH PARTITION WILL NOW SPILL INTO THE DMAP-SCRATCH PARTITION.

1222.0 *** SYSTEM FATAL MESSAGE 1222 (LDRTRN)
AN UNEXPECTED END OF FILE WAS DETECTED ON A NEUTRAL FILE DURING A DBLOAD OPERATION
USER INFORMATION:
THIS ERROR TERMINATES PROGRAM EXECUTION AND GENERALLY OCCURS WHEN THE DBUNLOAD JOB FAILS DURING NEUTRAL FILE CREATION
USER ACTION:
REVIEW NEUTRAL FILE CREATION JOB FOR FATAL MESSAGES

1222.1 *** SYSTEM FATAL MESSAGE 1222 (INPTT4)
AN UNEXPECTED END OF FILE WAS DETECTED ON %1 INPUTT4

FILE ON UNIT %2
USER INFORMATION:
THIS ERROR TERMINATES PROGRAM EXECUTION AND GENERALLY OCCURS WHEN RECORD 2 INDICATES MORE DATA THEN ACTUALLY EXISTS
ON RECORD 3
USER ACTION:
REVIEW DATA FILE FOR POSSIBLE DATA DISCREPANCIES

1222.2 *** SYSTEM FATAL MESSAGE 1222 (INPTT4)
THE INPUTT4 FILE BEING READ IN SEEMS TO BE A BIG ENDIAN FILE
USER ACTION:
READ THE FILE USING FORM=BIGENDIAN. SEE QRG FOR SYNTAX

1222.3 *** SYSTEM FATAL MESSAGE 1222 (INPTT4)
THE INPUTT4 FILE BEING READ IN SEEMS TO BE A LITTLE ENDIAN FILE
USER ACTION:
READ THE FILE USING FORM=LITTLEENDIAN. SEE QRG FOR SYNTAX

1223.0 *** USER WARNING MESSAGE 1223 (UNLDRF)
THE RECL SPECIFIED ON THE ASSIGN STATEMENT IS %1 THAN THE %2 VALUE ALLOWED FOR NEUTRAL FILES
USER INFORMATION:
1. THE SPECIFIED RECL OF %3 HAS BEEN RESET TO THE %4 ALLOWED RECL OF %5
2. UNIT NUMBER = %6 LOGICAL NAME = %7 FILE NAME = %8

1223.1 *** USER WARNING MESSAGE 1223 (RDASGN)
THE %1 SPECIFIED ON THE %2 STATEMENT IS %3 THAN THE %4 VALUE ALLOWED FOR NEUTRAL FILES
USER INFORMATION:
1. THE SPECIFIED RECL OF %5 HAS BEEN RESET TO THE %6 ALLOWED RECL OF %7
2. UNIT NUMBER = %8 LOGICAL NAME = %9 FILE NAME = %10

1223.2 *** USER WARNING MESSAGE 1223 (OUTPN2)
THE %1 SPECIFIED ON THE OUTPUT2 STATEMENT IS %2 THAN THE %3 VALUE ALLOWED FOR NEUTRAL FILES
USER INFORMATION:
1. THE SPECIFIED RECL OF %4 HAS BEEN RESET TO THE %5 ALLOWED RECL OF %6
2. UNIT NUMBER = %7 LOGICAL NAME = %8 FILE NAME = %9

1223.3 *** USER WARNING MESSAGE 1223 (LDLDRF)

THE RECL SPECIFIED ON THE ASSIGN STATEMENT IS %1 THAN THE %2 VALUE ALLOWED FOR NEUTRAL FILES
USER INFORMATION:
1. THE SPECIFIED RECL OF %3 HAS BEEN RESET TO THE %4 ALLOWED RECL OF %5
2. UNIT NUMBER = %6 LOGICAL NAME = %7 FILE NAME = %8

1224.0 *** USER WARNING MESSAGE 1224 (LDLDRF)
NO RECL WAS SPECIFIED ON THE ASSIGN,DBLOAD STATEMENT FOR UNIT %1.
USER INFORMATION:
THE RECL HAS BEEN SET TO THE DEFAULT VALUE OF %2 CHARACTERS

1224.1 *** USER WARNING MESSAGE 1224 (LDLDRF)
NO RECL WAS SPECIFIED ON THE ASSIGN,DBLOAD STATEMENT FOR UNIT %1.
USER INFORMATION:
THE RECL HAS BEEN SET TO THE VALUE OF %2 CHARACTERS DETECTED ON THE NEUTRAL FILE

1225.0 *** USER WARNING MESSAGE 1225 (LDLDRF)
THE RECL ON THE ASSIGN,DBUNLOAD STATEMENT DIFFERS FROM THE INTERNAL RECL OF THE NEUTRAL FILE OF UNIT %1.
USER INFORMATION:
1. THE INTERNAL RECL FROM THE NEUTRAL FILE WILL BE USED.
2. THE INTERNAL NEUTRAL FILE RECL IS %2.
3. THE ASSIGN,DBUNLOAD STATEMENT RECL IS %3.

1226.0 *** SYSTEM FATAL MESSAGE 1226 (DBINIT).
THE LENGTH OF THE %1 STATEMENT HAS EXCEEDED THE MAXIMUM OF %2 CHARACTERS.
USER INFORMATION: THE NUMBER OF CHARACTERS DOES NOT INCLUDE COMMENTS OR LEADING AND TRAILING BLANKS.
USER ACTION: REMOVE REDUNDANT EMBEDDED BLANKS OR USE MULTIPLE %3 STATEMENTS.

1227.0 *** USER FATAL MESSAGE 1227 (LCDRVR)
THE DATABLOCK/PARAMETER NAME %1 CANNOT BE PROCESSED DUE TO ABOVE POSSIBLE SYNTAX ERROR IN THE ABOVE DBLOCATE STATEMENT.

1227.1 *** USER FATAL MESSAGE 1227 (DBEQIV)
THE DATABLOCK/PARAMETER NAME %1 CANNOT BE PROCESSED DUE TO POSSIBLE SYNTAX ERROR IN THE DBEQUIV STATEMENT ABOVE.

1227.2 *** USER FATAL MESSAGE 1227 (DBDELE)
THE DATABLOCK/PARAMETER NAME %1 CANNOT BE PROCESSED DUE TO POSSIBLE SYNTAX ERROR IN THE DBDELETE

STATEMENT ABOVE.

1243.0 *** USER WARNING MESSAGE 1243, (NASLOG)
AN ERROR OCCURRED PROCESSING SYMBOL NAMES IN THE CONTROL FILE.
SYMBOL SPECIFICATION IGNORED
RECORD = %1, NLOG = %2
LOG = %3 ALIAS = %4
USER ACTION: CHECK SYMBOL NAME SPECIFICATION. THE SYMBOL NAME MUST BE PRESENT.
THE SYMBOL NAME CAN BE NO MORE THAN 16 CHARACTERS IN LENGTH. THE SYMBOL
VALUE CAN BE NO MORE THAN %5 CHARACTERS IN LENGTH.

1245.0 *** USER FATAL MESSAGE 1245, (BIO)
AN ALLOCATION ERROR HAS OCCURRED FOR A DATABASE FILE, FILX = %1.
WRITE ATTEMPTED ON FILX WHICH WAS OPENED FOR READONLY.
LOGICAL = %2 FILE = %3
USER ACTION: CHECK FILE ASSIGN STATEMENTS AND FILE ACCESS PRIVILEGES.

1246.0 *** CONTINUATION MESSAGE (SEVERITY = MCONT (-1))
BIOMSG: ERROR %1 HAS OCCURRED IN ROUTINE %2, FILE INDEX = %3.

1246.1 *** CONTINUATION MESSAGE (SEVERITY = MCONT (-1))
LOGICAL NAME IS %1
FILENAME IS %2

1246.2 *** CONTINUATION MESSAGE (SEVERITY = MCONT (-1))
STATUS = %1

1247.0 *** USER FATAL MESSAGE 1247, (BIO...)
UNABLE TO VALIDATE DATABASE FILE FORMAT. DATABASE MAY NOT HAVE BEEN BUILT ON A COMPATIBLE PLATFORM.
TIMESTAMP/RECL VALIDATION FAILED. FILX = %1, LOGNAME = %2, NSBUF3 = %3
FILE IS %4

1247.1 *** CONTINUATION MESSAGE FOR 1247.0 (SEVERITY = MCONT (-1))
TIMESTAMP OFFSET INVALID.

1247.2 *** CONTINUATION MESSAGE FOR 1247.0 (SEVERITY = MCONT (-1))
TIMESTAMP SIGNATURE VALIDATION FAILED.

1247.3 *** CONTINUATION MESSAGE FOR 1247.0 (SEVERITY = MCONT (-1))
RECL VALUE NOT POSITIVE.

1247.4 *** CONTINUATION MESSAGE FOR 1247.0 (SEVERITY = MCONT (-1))
WORK AREA ALLOCATION (FMALLC) FAILED.

1247.5 *** CONTINUATION MESSAGE FOR 1247.0 (SEVERITY = MCONT (-1))
FILE IS EMPTY.

1247.6 *** CONTINUATION MESSAGE FOR 1247.0 (SEVERITY = MCONT (-1))
NUMERIC FORMAT NOT COMPATIBLE WITH THIS PLATFORM.

1247.7 *** CONTINUATION MESSAGE FOR 1247.0 (SEVERITY = MCONT (-1))
RECL SHOULD BE %1, ACTUAL VALUE IS %2.

1248.0 *** SYSTEM INFORMATION MESSAGE 1248, (BIO)
SYSTEM(207).NE.0 - File locking suppressed.

1249.0 *** USER WARNING MESSAGE 1249, (BIO)
STATUS = %1, FILX = %2, LOGNAME = %3, NSBUF3 = %4
FILE = %5

1249.1 *** CONTINUATION MESSAGE FOR 1249.0 (SEVERITY = MCONT (-1))
BLKNBR = %1

1249.2 *** CONTINUATION MESSAGE FOR 1249.0 (SEVERITY = MCONT (-1))
WARNING MESSAGE IS --

1249.3 *** CONTINUATION MESSAGE FOR 1249.0 (SEVERITY = MCONT (-1))
%1

1250.0 *** USER FATAL MESSAGE 1250, (BIO)
STATUS = %1, FILX = %2, LOGNAME = %3, NSBUF3 = %4
FILE = %5

1250.1 *** CONTINUATION MESSAGE FOR 1250.0 (SEVERITY = MCONT (-1))
BLKNBR = %1

1250.2 *** CONTINUATION MESSAGE FOR 1250.0 (SEVERITY = MCONT (-1))
ERROR MESSAGE IS --

1250.3 *** CONTINUATION MESSAGE FOR 1250.0 (SEVERITY = MCONT (-1))
%1

1251.0 *** SYSTEM FATAL MESSAGE 1251, (BIO)
FILX = %1 (%2 HEX) OUT OF RANGE

1254.0 *** SYSTEM FATAL MESSAGE 1254 (RPLPAT)
CANNOT REPLACE THE EXISTING PATH.

REPTR=%1 KEYNO=%2 PATCNT=%3

1254.1 *** SYSTEM FATAL MESSAGE 1254 (RPLPAT)
CANNOT REPLACE MIS-MATCHED NUMBER OF QUALIFIERS.
LENGTH=%1 QUALS(1)=%2

1254.2 *** SYSTEM FATAL MESSAGE 1254 (RPLPAT)
CANNOT REPLACE THE NONEXISTENT PATH.
REPTR=%1 KEYNO=%2

1255.0 *** USER WARNING MESSAGE 1255 (LCLDBS)
THE DATABASE ASSIGNED TO LOGICAL NAME %1 IS
INCOMPATIBLE WITH THIS VERSION OF THE PROGRAM.
USER INFORMATION:
DATABASE VERSION IS %2
PROGRAM VERSION IS %3
USER ACTIONS:
IF RUN TERMINATES DUE TO THE INCOMPATIBILITY, CONVERT
THE DATABASE USING THE SIEMENS PLM SOFTWARE
MIGRATION TOOLS.

1255.1 *** USER WARNING MESSAGE 1255 (LCLDBS)
THE DATABASE ASSIGNED TO LOGICAL NAME %1 IS
INCOMPATIBLE WITH THIS VERSION OF THE PROGRAM.
USER INFORMATION:
DATABASE VERSION IS %2
PROGRAM VERSION IS %3

1256.0 *** USER FATAL MESSAGE 1256 (ATTDBS)
THE DELIVERY DATABASE ASSIGNED TO LOGICAL NAME %1 IS
INCOMPATIBLE WITH THIS VERSION OF THE PROGRAM.
USER INFORMATION:
DELIVERY DATABASE VERSION IS %2
PROGRAM VERSION IS %3
USER ACTIONS:
REBUILD THE DELIVERY DATABASE UNDER THE PROGRAM
VERSION.

1257.0 *** USER FATAL MESSAGE 1257
THE MAX-SIZE SPECIFIED ON THE INIT FMS STATEMENT FOR THE
FIRST MEMBER OF DBSET %1 IS %2 BLOCKS
AND IS LESS THAN THE RECOMMENDED MINIMUM OF %3
BLOCKS.
USER ACTION: SPECIFY A MAX-SIZE VALUE AT OR ABOVE THE
RECOMMENDED VALUE.

1257.1 *** USER FATAL MESSAGE 1257
THE MAX-SIZE SPECIFIED ON THE INIT FMS STATEMENT OR
SMEM VALUE IN THE RC FILE OR SMEM
KEYWORD IN THE COMMAND PROCEDURE FOR THE MEMFILE OF
DBSET %1 IS %2 BLOCKS

AND IS LESS THAN THE RECOMMENDED MINIMUM OF %3 BLOCKS.
USER ACTION: SPECIFY A MAX-SIZE OR SMEM VALUE AT OR ABOVE THE RECOMMENDED VALUE.

1259.0 *** USER FATAL MESSAGE 1259 (SEMTRN)
PREPROCESSOR CONTROL VALIDATION FAILED.%1
*** USER INFORMATION:
THE BULK DATA SECTION OF THE INPUT DATA HAS BEEN CHANGED OR
WAS CREATED ON A DIFFERENT COMPUTER.

1260.0 *** SYSTEM FATAL MESSAGE 1260 (SLCDRV)
UNABLE TO OPEN DBDIR DBSET FOR DATABLOCK %1.

1261.0 *** SYSTEM FATAL MESSAGE 1261 (UNLNXT)
INSUFFICIENT LOCAL WORKING ARRAY.
PROGRAMMER ACTION: INCREASE LOCAL ARRAY FIST IN UNLNXT.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

1261.1 *** SYSTEM FATAL MESSAGE 1261 (OUTPX2)
INSUFFICIENT LOCAL WORKING ARRAY.
PROGRAMMER ACTION: INCREASE LOCAL ARRAY FIST IN OUTPX2.

1261.2 *** SYSTEM FATAL MESSAGE 1261 (CPYFIL)
INSUFFICIENT LOCAL WORKING ARRAY.
PROGRAMMER ACTION: INCREASE LOCAL ARRAY FIST IN CPYFIL.

1261.3 *** SYSTEM FATAL MESSAGE 1261 (COPY1)
INSUFFICIENT LOCAL WORKING ARRAY.
PROGRAMMER ACTION: INCREASE LOCAL ARRAY FIST IN COPY1.

1262.0 *** SYSTEM FATAL MESSAGE 1262 (UNLNXT)
DATABLOCK %1 (%2) HAS ASSOCIATED FILES THAT CANNOT BE RETRIEVED BY UNLNXT.

1262.1 *** SYSTEM FATAL MESSAGE 1262 (OUTPX2)
DATABLOCK %1 (%2) HAS ASSOCIATED FILES THAT CANNOT BE RETRIEVED BY OUTPX2.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

1262.2 *** SYSTEM FATAL MESSAGE 1262 (LDINPT)
DATABLOCK %1 (%2) HAS ASSOCIATED FILES THAT CANNOT BE RETRIEVED FROM THE NEUTRAL FILE.
PROGRAMMER INFORMATION: %3 NAMES SHOULD BE RETRIEVED. %4 WORDS ARE STORED IN THE 2ND RECORD OF THE CURRENT DATABLOCK.

1262.3 *** SYSTEM FATAL MESSAGE 1262 (CPYFIL)
DATABLOCK %1 (%2) HAS ASSOCIATED FILES THAT CANNOT BE RETRIEVED BY CPYFIL.

1262.4 *** SYSTEM FATAL MESSAGE 1262 (COPY1)
DATABLOCK %1 (%2) HAS ASSOCIATED FILES THAT CANNOT BE RETRIEVED BY COPY1.

1265.0 *** SYSTEM WARNING MESSAGE 1265 (GTASCT)
THE DATABLOCK %1 (%2) HAS NO ASSOCIATED FILES.

1266.0 *** SYSTEM FATAL MESSAGE 1266 (SLCDRV)
THE FILE %1 IS NOT A MAIN FILE.
PROGRAMMER INFORMATION: THE FIRST ARGUMENT OF XOPEN, XGOPEN OR XMOPEN HAS TO BE THE FIST NUMBER OF A MAIN FILE.

1266.1 *** SYSTEM FATAL MESSAGE 1266 (GTASCT)
THE FILE %1 IS NOT A MAIN FILE.
PROGRAMMER INFORMATION: THE FIRST ARGUMENT OF GTASCT HAS TO BE THE FIST NUMBER OF A MAIN FILE.

1267.0 *** SYSTEM FATAL MESSAGE 1267 (GTFREE)
NO MORE MEMORY SPACE AVAILABLE FOR EXECUTIVE TABLES.
USER ACTION: INCREASE DEFAULT NUMBER OF EXECUTIVE TABLES ENTRIES VIA SYSTEM CELL 162.
SYSTEM(162) IS CURRENTLY SET TO %1.

1268.0 *** SYSTEM FATAL MESSAGE 1268 (SLCDRV)
SUBROUTINE SALLOC RETURNED A NULL FIST NUMBER.
PROGRAMMER ACTION: CHECK SALLOC ARGUMENTS.

1269.0 *** SYSTEM FATAL MESSAGE 1269 (SLCDRV)
THE ASSOCIATED FILE %1 OF DATABLOCK %2 IS ALREADY OPEN.

1270.0 *** SYSTEM FATAL MESSAGE 1270 (SLCDRV)
THE ASSOCIATED FILE %1 CANNOT BE ATTACHED TO DATABLOCK %2.
PROGRAMMER INFORMATION: NO MORE THAN %3 ASSOCIATED FILES CAN BE ATTACHED TO ONE DATABLOCK.

1273.0 *** USER FATAL MESSAGE 1273 (WRTTRL)
ATTEMPT TO OPEN DATABLOCK %1 (%2). INVALID DATABLOCK FORMAT, ITS NUMERIC OR/AND INDICES FILES WERE NOT FOUND.
USER INFORMATION: THE DATABLOCK WAS PROBABLY CREATED IN A PRIOR VERSION OF THE PROGRAM.
USER ACTION: MAKE SURE THAT THE DATABLOCK IS COMPATIBLE WITH THE CURRENT VERSION OF THE PROGRAM.

1273.1 *** USER FATAL MESSAGE 1273 (OPNFCU)
ATTEMPT TO OPEN DATABLOCK %1 (%2). INVALID DATABLOCK FORMAT, ITS NUMERIC OR/AND INDICES FILES WERE NOT

FOUND.
USER INFORMATION: THE DATABLOCK WAS PROBABLY CREATED IN A PRIOR VERSION OF THE PROGRAM.
USER ACTION: MAKE SURE THAT THE DATABLOCK IS COMPATIBLE WITH THE CURRENT VERSION OF THE PROGRAM.

1273.2 *** USER FATAL MESSAGE 1273 (OPNFAC)
ATTEMPT TO OPEN DATABLOCK %1 (%2). INVALID DATABLOCK FORMAT, ITS NUMERIC FILE WAS NOT FOUND.
USER INFORMATION: THE DATABLOCK WAS PROBABLY CREATED IN A PRIOR VERSION OF THE PROGRAM.
USER ACTION: MAKE SURE THAT THE DATABLOCK IS COMPATIBLE WITH THE CURRENT VERSION OF THE PROGRAM.

1274.0 *** SYSTEM WARNING MESSAGE 1274 (GTASCT)
THERE ARE MORE THAN %1 ASSOCIATED FILES ATTACHED TO DATABLOCK %2 (%3).
PROGRAMMER INFORMATION: ONLY THE FIRST %4 ASSOCIATED FILES ARE RETURNED.

1275.0 *** SYSTEM FATAL MESSAGE 1275 (BPGETB)
THE SIZE OF THE BUFFER POOL AREA IS INSUFFICIENT TO CONTINUE PROCESSING.
USER ACTION: INCREASE THE SIZE WITH THE BUFFPOOL KEYWORD ON THE NASTRAN STATEMENT.
USER INFORMATION: THE NUMBER OF BLOCKS CURRENTLY ALLOCATED FOR BUFFER POOLING IS%1.

1276.0 *** SYSTEM FATAL MESSAGE 1276 (LDINPT)
SPARSE FACTOR MATRIX %1 (%2) HAS AN INCORRECT NUMBER OF ASSOCIATED FILES STORED IN THE NEUTRAL FILE.
PROGRAMMER INFORMATION: THE SPARSE FACTOR MATRIX TYPE IS %3 AND SHOULD HAVE %4 FILES.
THE NEUTRAL FILE FOR THE MATRIX HAS %5 FILES.

1277.0 *** USER FATAL MESSAGE 1277 (LCLDBS)
THE FILE ASSIGNED TO LOGICAL NAME = %1 IS NOT A VALID MASTER DBSET FOR A DBLOCATED DATABASE.
USER ACTION : VERIFY THE FILE NAME SPECIFIED ON THE ASSIGN %2 STATEMENT.

1277.1 *** USER FATAL MESSAGE 1277 (DBDEF)
THE FILE ASSIGNED TO LOGICAL NAME = %1 IS NOT A VALID MASTER DBSET FOR A PRIMARY DATABASE.
USER ACTION : VERIFY THE FILE NAME SPECIFIED ON THE ASSIGN %2 STATEMENT.

1277.2 *** USER FATAL MESSAGE 1277 (ATTDBS)
THE FILE ASSIGNED TO LOGICAL NAME = %1 IS NOT A VALID MASTER DBSET FOR A DELIVERY DATABASE.

1279.0 *** SYSTEM WARNING MESSAGE 1279 (RDINIT)

THE BUFFSIZE IS LARGER THAN THE MAXIMUM ALLOWABLE BUFFSIZE FOR THIS MACHINE.
USER INFORMATION: THE SPECIFIED VALUE WILL BE RESET TO THE MAXIMUM ALLOWED WHICH IS %1

1280.0 *** USER FATAL MESSAGE 1280 (RDINIT)
THE LOGICAL NAME %1 IS ALREADY SPECIFIED FOR A MEMBER OF THE %2 DBSET.

1281.0 *** SYSTEM FATAL MESSAGE 1281 (SLCDRV)
AN ATTEMPT WAS MADE TO ATTACH AN ASSOCIATED FILE TO EXECUTIVE FILE %1.
PROGRAMMER INFORMATION: ASSOCIATED FILES ARE NOT ALLOWED TO BE ATTACHED TO EXECUTIVE FILES.

1282.0 *** SYSTEM FATAL MESSAGE 1282 (SLCDRV)
AN ATTEMPT WAS MADE TO OPEN A NON EXISTENT ASSOCIATED FILE %1,%2, TO READ.
PROGRAMMER INFORMATION: CHECK THE NAME OF THE ASSOCIATED FILE TO OPEN.

1283.0 *** SYSTEM FATAL MESSAGE 1283 (XOPEN)
AN ATTEMPT WAS MADE TO ATTACH AN ASSOCIATED FILE TO DATABLOCK %1 WITHOUT BUFFER POOLING.
USER ACTION: BUFFERPOOLING IS ACTIVATED WITH NASTRAN SYSTEM(119) AND NASTRAN BUFFPOOL STATEMENTS.

1283.1 *** SYSTEM FATAL MESSAGE 1283 (XGOPEN)
AN INVALID ATTEMPT WAS MADE TO ATTACH AN ASSOCIATED FILE TO DATABLOCK %1 WITHOUT BUFFER POOLING.
USER ACTION: BUFFERPOOLING IS ACTIVATED WITH NASTRAN SYSTEM(119) AND NASTRAN BUFFPOOL STATEMENTS.

1284.0 *** USER FATAL MESSAGE 1284 (REIGL)
THE REQUESTED NUMBER OF SEGMENTS (NUMS OR SYSTEM(197)=%1) IS NOT VALID. LIMITS ARE 1 TO %2.

1284.1 *** USER/SYSTEM FATAL/WARNING/INFORMATION MESSAGE 1284 (EVLMSG)
THE REQUESTED NUMBER OF SEGMENTS (SYSTEM(197)=%1) IS TOO LARGE. THE LIMIT IS %2.

1285.0 *** USER FATAL MESSAGE 1285 (RDINIT)
SCR300 IS SPECIFIED AS A DBSET-NAME ON THE INIT FILE MANAGEMENT STATEMENT.
USER INFORMATION: SCR300 IS A RESERVED NAME AND CANNOT BE INITIALIZED AS A DBSET NAME.
THE SCR300 PARTITION IS INITIALIZED ON THE INIT SCRATCH STATEMENT.
FOR EXAMPLE, INIT SCRATCH SCR300=(SCRA(50000)).

1286.0 *** USER/SYSTEM FATAL/WARNING/INFORMATION MESSAGE

1286 (EVLMSG)
THE VALUE SPECIFIED FOR %1 SYSTEM CELL 119 IS %2
USER INFORMATION: THE VALUE MUST BE EQUAL TO %3 WHICH IS THE DEFAULT.

1287.0 *** USER/SYSTEM FATAL/WARNING/INFORMATION MESSAGE 1287 (EVLMSG)
THE VALUE SPECIFIED FOR %1 SYSTEM CELL 114 (OR 'BUFFPOOL KEYWORD) IS %2
USER INFORMATION: THE VALUE MUST BE GREATER THAN %3

1288.0 *** USER INFORMATION MESSAGE 9100 (BIOCRT)
MAXIMUM SIZE REQUESTED FOR FILE EXCEEDS FILE SYSTEM CAPACITY
LOGICAL NAME IS '%4', BLOCK SIZE = %3 WORDS
FILE NAME IS '%5'
REQUESTED BLOCKS COUNT = %1, BLOCKS COUNT RESET TO %2.

2001.0 *** USER FATAL MESSAGE 2001 (USRMSG)
SEQGP ENTRY REFERENCES UNDEFINED GRID POINT %1
User information:
SEQGP references a point which is not a grid or scalar point.

2002.0 *** SYSTEM FATAL MESSAGE 2002 (USRMSG)
GRID POINT %1 NOT IN EQEXIN.
User information:
This message indicates a program design error in GP1.

2003.0 *** USER FATAL MESSAGE 2003 (GP1C)
COORDINATE SYSTEM %1 REFERENCES UNDEFINED GRID POINT %2 IN SUPERELEMENT %3
User information:
Applies to CORD1j definitions.

2003.1 *** USER FATAL MESSAGE 2003 (USRMSG)
COORDINATE SYSTEM %1 REFERENCES UNDEFINED GRID POINT %2
User information:
Applies to CORD1j definitions.

2004.0 *** USER FATAL MESSAGE 2004 (GP1C)
COORDINATE SYSTEM %1 REFERENCES UNDEFINED COORDINATE SYSTEM %2 IN SUPERELEMENT %3
User information:
Applies to CORD2j definitions.

2004.1 *** USER FATAL MESSAGE 2004 (USRMSG)
COORDINATE SYSTEM %1 REFERENCES UNDEFINED COORDINATE SYSTEM %2
User information:
Applies to CORD2j definitions.

2005.0 *** SYSTEM FATAL MESSAGE 2005 (GP1C)
INCONSISTENT COORDINATE SYSTEM DEFINITIONS DETECTED IN SUPERELEMENT %1
System information:
At least one coordinate system cannot be tied to the basic system.

2005.1 *** SYSTEM FATAL MESSAGE 2005 (USRMSG)
INCONSISTENT COORDINATE SYSTEM DEFINITION.
System information:
At least one coordinate system cannot be tied to the basic system.

2006.1 *** USER FATAL MESSAGE 2006
GRID POINT %1 REFERENCES UNDEFINED COORDINATE SYSTEM %2 IN SUPERELEMENT %3

2006.2 *** USER FATAL MESSAGE 2006 (USRMSG)
GRID POINT %1 REFERENCES UNDEFINED COORDINATE SYSTEM %2
User information:
The grid point whose internal sequence number is printed above references an undefined coordinate system in either field 3 or field 7 for a GRID entry.

2007.0 *** USER FATAL MESSAGE 2007 (USRMSG)
ELEMENT %1 REFERENCES UNDEFINED GRID POINT %2
User information:
The element specified points to a non-existent grid or scalar point.
This message may occur in superelement analysis when the reference grid point GO is neither exterior nor interior to the superelement.
An avoidance is to instead use the vector component method to define the element coordinate system.

2007.1 *** USER FATAL MESSAGE 2007 (MODGM2)
ELEMENT %1 ID = %2 REFERENCES UNDEFINED GRID POINT %3

2008.0 *** USER FATAL MESSAGE 2008 (USRMSG)
LOAD SET %1 REFERENCES UNDEFINED GRID POINT %2
User information:
The LOAD set specified points to a non-existent grid or scalar point.

2008.1 *** USER FATAL MESSAGE 2008 (MKAEF1)
UNDEFINED GRID POINT ID = %1 IS REFERENCED BY FORCEI OR MOMENTI BULK DATA ENTRY.

2009.0 *** USER FATAL MESSAGE 2009 (USRMSG)
TEMPERATURE SET %1 REFERENCES UNDEFINED GRID POINT %2
User information:
The TEMP set specified points to a non-existent grid or scalar point.

2010.0 *** USER FATAL MESSAGE 2010 (USRMSG)
ELEMENT %1 REFERENCES UNDEFINED PROPERTY %2
User information:

The element specified points to a non-existent property entry.

2010.1 *** USER FATAL MESSAGE 2010
PROPERTY ID %1 FOR ELEMENT TYPE %2 IS DUPLICATED

2010.2 *** USER WARNING MESSAGE 2010
ELEMENT ID %1 HAS DUPLICATED CID SPECIFIED ON MATCID.

2010.3 *** USER FATAL MESSAGE 2010
ELEMENT ID %1 HAS TWO DIFFERENT CID VALUES %2 and %3 SPECIFIED ON MATCID.
ONLY TWO DIFFERENT CID VALUES HAVE BEEN LISTED. OTHER CONFLICTING CID VALUES MAY EXIST
FOR THIS ELEMENT.

2011.0 *** USER FATAL MESSAGE 2011 (TA1A)
NO PHBDY ENTRIES FOR CHBDYP

2011.1 *** USER FATAL MESSAGE 2011 (USRMSG)
ALL ELEMENTS OF TYPE %1 HAVE NO PROPERTY CARD DEFINED.

2012.0 *** USER FATAL MESSAGE 2012 (GP1GSM)
IDENTIFICATION %1 SAME BETWEEN GRID, SCALAR OR POINT IN SUPERELEMENT%2

2012.1 *** USER FATAL MESSAGE 2012 (USRMSG)
GRID POINT %1 SAME AS SCALAR POINT.
User information:
Identification of grid and scalar points must be unique.

2012.2 *** USER INFORMATION MESSAGE 2012 (GP1GSM)
NUMBER OF DUPLICATE GRIDS ENCOUNTERED AND ELIMINATED = %1

2012.3 *** USER INFORMATION MESSAGE 2012 (GP1CEL)
NUMBER OF DUPLICATE COORDINATE SYSTEMS ENCOUNTERED AND ELIMINATED = %1

2013.0 *** USER WARNING MESSAGE 2013 (USRMSG)
NO STRUCTURAL ELEMENTS EXIST.
User information:
Model check for structural elements.

2014.0 *** SYSTEM FATAL MESSAGE 2014 (USRMSG)
LOGIC ERROR IN ECPT CONSTRUCTION.
System information:
Internal logic error in connection table construction.
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT for analysis.

2015.0 *** USER WARNINT MESSAGE 2015 (USRMSG)
EITHER NO ELEMENTS CONNECT INTERNAL GRID POINT %1
OR IT IS CONNECTED TO A RIGID ELEMENT OR A GENERAL ELEMENT.

2016.0 *** USER FATAL MESSAGE 2016 (USRMSG)
NO MATERIAL PROPERTIES EXIST.
User information:
Material properties are required for matrix generation and none are present in the Bulk Data Section.

2017.0 *** USER FATAL MESSAGE 2017 (USRMSG)
MATERIAL PROPERTY IDENTIFICATION %1 WAS DUPLICATED.
User information:
Duplicate material identifications cannot be used on more than one MATi entry type. Check all MATi entries for unique material identification numbers.

2018.0 *** USER FATAL MESSAGE 2018 (USRMSG)
MATT%1 ENTRY %2 DID NOT MATCH PARENT TYPE.
User information:
A temperature-dependent material entry does not match the correct type of parent entry. Make sure that referenced temperature and material entries are identified as the same type.

2019.0 *** USER WARNING MESSAGE 2019,
AN INCONSISTENT VALUE FOR -NU.21- HAS BEEN COMPUTED FOR MAT8 ID %1.
User information:
The evaluation of gamma = 1 - nu12*(nu12*E2/E1) resulted in a negative value. This will not cause mathematical failure, but could cause strange behavior on elements which reference this MAT ID. Review values for E1 and E2 to make sure that they are correct.

2019.1 *** USER WARNING MESSAGE 2019 (USRMSG)
AN INCONSISTENT VALUE FOR -NU.21- HAS BEEN COMPUTED FOR MAT8 ID %1.
User information:
The evaluation of gamma = 1 - nu12*(nu12*E2/E1) resulted in a negative value. This will not cause mathematical failure, but could cause strange behavior on elements which reference this MAT ID. Review values for E1 and E2 to make sure that they are correct.

2019.2 *** USER WARNING MESSAGE 2019,
AN INCONSISTENT VALUE FOR GAMMA HAS BEEN COMPUTED FOR MAT11 ID %1.
User information:
The evaluation of gamma1 = 1-NU12NU21 or gamma2 = 1-NU23NU32 or gamma3 = 1-NU31NU13 resulted in a negative value. This will not cause mathematical failure, but could cause strange behavior on elements which reference this MAT ID. Review values for E1, E2, E3, NU12, NU13 and NU23 to make sure that they are correct.

2019.4 *** USER WARNING MESSAGE 2019,
AN INCONSISTENT VALUE FOR DELTA HAS BEEN COMPUTED FOR

MAT11 ID %1.
User information:
The evaluation of delta = 1-NU12NU21-NU23NU32-NU13NU31-2NU21NU32NU13 resulted
in a negative value. This will not cause mathematical failure, but could cause strange behavior on elements which reference this MAT ID. Review values for E1, E2, E3, NU12, NU13 and NU23 to make sure that they are correct.

2019.5 *** USER WARNING MESSAGE 2019,
THE SHEAR MODULUS IS NOT DEFINED CORRECTLY FOR MAT11 ID %1.
User information:
The shear modulus should be greater than zero.

2020.0 *** USER WARNING MESSAGE 2020 (USRMSG)
ONE OR MORE OF THE ALLOWABLE STRESS CONSTANTS WERE INCORRECT FOR ELEMENT %1 PLY %2
User information:
Failure theory calculations were requested, but Sb on the PCOMP entry or Xt, Xc,
Yt, Yc, or S on the MAT8 were less than or equal to zero. See the element/PLY
for which PCOMP or MAT8 entry is in error. The failure index calculations were not
made. Either drop request for Failure theory calculations or be sure that Sb,Xt, Xc, Yt, Yc and S are positive. If a MAT1 card was used, verify that the ST,SC and
SS values are valid.

2021.0 *** SYSTEM FATAL MESSAGE 2021 (USRMSG)
BAD GMMAT- CALLING SEQUENCE.
System information:
The calling sequence of the subroutine which calls either subroutine GMMATD or GMMATS defined a nonconformable matrix product. The subroutine
The subroutine examines the transpose flags in combination with the orders of the matrices to make sure that a conformable matrix product is defined by this input data. This test clearly is made for purposes of calling routine checkout only. No tests are made, nor can they be made, to insure that the calling routine has provided sufficient storage for arrays.

2022.0 *** USER FATAL MESSAGE 2022 (USRMSG)
PROBLEM SIZE OF %1 DOF HAS EXCEEDED THE LIMIT OF 65535 FOR AN INDIVIDUAL PROBLEM OR SUPERELEMENT.

2024.0 *** USER FATAL MESSAGE 2024,
OPERATION CODE %1 NOT DEFINED FOR MODULE PARAM.
USER ACTION: MAKE SURE OPERATION CODE PARAMETER IS

ENCLOSED WITHIN SINGLE QUOTES ("")
User information:
The operation code "SUB" was not chosen from the legal list or was misspelled.

2024.1 *** SYSTEM FATAL MESSAGE 2024 (USRMSG)
UNDEFINED MESSAGE.

2025.0 *** USER FATAL MESSAGE 2025 (SEPOMT)
COORDINATE SYSTEM %1 REFERENCED BY GRID %2 IS UNDEFINED IN SUPERELEMENT %3.

2025.1 *** USER FATAL MESSAGE 2025 (MODULE)
UNDEFINED COORDINATE SYSTEM ID = %1
User information:
Check coordinate system numbers used on Bulk Data entries against those defined on CORD1C, CORD1R, etc., Bulk Data entries to insure that there are no undefined coordinate systems.
This message can occur in superelement analysis when the CORD1x entry is in the Bulk Data entry. The cause is that grid points referenced on the CORD1x entry are not connected by elements in the superelement. An avoidance is to use the CORD2x formats, which reference points in space rather than grid points.
This message also occurs frequently when using a non-SIEMENS PLM software
model generation program that places grid point identification numbers in the field used for material identification numbers by modern plate elements. See especially the CTRIA3 entry, field 7.

2025.2 *** USER FATAL MESSAGE 2025 (EBSH4D)
UNDEFINED COORDINATE SYSTEM ID = %1 IS REFERRED IN OCID FIELD OF CBUSH ENTRY ID = %2.
User information:
Check coordinate system numbers used on Bulk Data entries against those defined on CORD1C, CORD1R, etc., Bulk Data entries to insure that there are no undefined coordinate systems.
This message can occur in superelement analysis when the CORD1x entry is in the Bulk Data entry. The cause is that grid points referenced on the CORD1x entry are not connected by elements in the superelement. An avoidance is to use the CORD2x formats, which reference points in space rather than grid points.
This message also occurs frequently when using a non-SIEMENS PLM software
model generation program that places grid point identification numbers in the field used for material identification numbers by modern plate elements. See especially the CTRIA3 entry, field 7.

2025.3 *** USER FATAL MESSAGE 2025 (EBSH3D)
UNDEFINED COORDINATE SYSTEM ID = %1 IS REFERRED IN CBUSH ENTRY ID = %2.

User information:
Check coordinate system numbers used on Bulk Data entries against those defined on CORD1C, CORD1R, etc., Bulk Data entries to insure that there are no undefined coordinate systems.
This message can occur in superelement analysis when the CORD1x entry is in the Bulk Data entry. The cause is that grid points referenced on the CORD1x entry are not connected by elements in the superelement. An avoidance is to use the CORD2x formats, which reference points in space rather than grid points.
This message also occurs frequently when using a non-SIEMENS PLM software
model generation program that places grid point identification numbers in the field used for material identification numbers by modern plate elements. See especially the CTRIA3 entry, field 7.

2025.4 *** USER FATAL MESSAGE 2025 (APD0)
%1 COORDINATE SYSTEM ID = %2 REFERENCED BY %3 ENTRY IS NOT DEFINED.
User information:
Check coordinate system numbers used on Bulk Data entries against those defined on CORD1C, CORD1R, etc., Bulk Data entries to insure that there are no undefined coordinate systems.
This message can occur in superelement analysis when the CORD1x entry is in the Bulk Data entry. The cause is that grid points referenced on the CORD1x entry are not connected by elements in the superelement. An avoidance is to use the CORD2x formats, which reference points in space rather than grid points.
This message also occurs frequently when using a non-SIEMENS PLM software
model generation program that places grid point identification numbers in the field used for material identification numbers by modern plate elements. See especially the CTRIA3 entry, field 7.

2025.5 *** USER FATAL MESSAGE 2025
COORDINATE SYSTEM ID = %1 REFERENCED BY PLPLANE ENTRY FOR ELEMENT ID = %2 IS NOT DEFINED.
User information:
Check coordinate system numbers used on Bulk Data entries against those defined on CORD1C, CORD1R, etc., Bulk Data entries to insure that there are no undefined coordinate systems.
This message can occur in superelement analysis when the CORD1x entry is in the Bulk Data entry. The cause is that grid points referenced on the CORD1x entry are not connected by elements in the superelement. An avoidance is to use the CORD2x formats, which reference points in space rather than grid points.
This message also occurs frequently when using a non-SIEMENS PLM software

model generation program that places grid point identification numbers in the field used for material identification numbers by modern plate elements. See especially the CTRIA3 entry, field 7.

2025.7 *** SYSTEM FATAL MESSAGE 2025 (APDST2,APDCST)
COORDINATE SYSTEM ID = %1 REFERENCED BY CAERO%2 ENTRY ID = %3 IS NOT FOUND.
User information:
Check coordinate system numbers used on Bulk Data entries against those defined on CORD1C, CORD1R, etc., Bulk Data entries to insure that there are no undefined coordinate systems.
This message can occur in superelement analysis when the CORD1x entry is in the Bulk Data entry. The cause is that grid points referenced on the CORD1x entry are not connected by elements in the superelement. An avoidance is to use the CORD2x formats, which reference points in space rather than grid points.
This message also occurs frequently when using a non-SIEMENS PLM software
model generation program that places grid point identification numbers in the field used for material identification numbers by modern plate elements. See especially the CTRIA3 entry, field 7.

2025.8 *** USER FATAL MESSAGE 2025 (BGSLPD)
UNDEFINED COORDINATE SYSTEM ID = %1 IS REFERRED IN %2 ENTRY ID = %3.
User information:
Check coordinate system numbers used on Bulk Data entries against those defined on CORD1C, CORD1R, etc., Bulk Data entries to insure that there are no undefined coordinate systems.
This message can occur in superelement analysis when the CORD1x entry is in the Bulk Data entry. The cause is that grid points referenced on the CORD1x entry are not connected by elements in the superelement. An avoidance is to use the CORD2x formats, which reference points in space rather than grid points.
This message also occurs frequently when using a non-SIEMENS PLM software
model generation program that places grid point identification numbers in the field used for material identification numbers by modern plate elements. See especially the CTRIA3 entry, field 7.

2025.9 *** USER WARNING MESSAGE 2025 (SDR2MM)
COORDINATE SYSTEM ID=%1 SPECIFIED ON THE MAXMIN COMMAND IS UNDEFINED.
USER INFORMATION: THE %2 COORDINATE SYSTEM WILL BE USED.

2026.0 *** USER FATAL MESSAGE 2026 (USRMSG)
ELEMENT %1 GEOMETRY YIELDS UNREASONABLE MATRIX.
User information:

Referenced element geometry and/or properties yield a numerical result which causes an element stiffness or mass matrix to be undefined. Possible causes include, but are not limited to,
(1) the length of a rod or bar is zero because the end points have the same coordinates,
(2) the sides of a triangle or quadrilateral are collinear which leads to a zero cross product in defining an element coordinate system,
(3) the bar orientation vector is parallel to the bar axis, or
(4) a shear panel has zero thickness or modulus. Check GRID Bulk Data entries defining element end points for bad data.

2027.0 *** USER FATAL MESSAGE 2027 (USRMSG)
ELEMENT %1 HAS INTERIOR ANGLE GREATER THAN 180 DEGREES AT GRID POINT %2
User information:
SHEAR panel element with the referenced element number has been defined with the four grid points out of the proper cyclical order. See Bulk Data entry definition for CSHEAR entry.

2028.0 *** SYSTEM FATAL MESSAGE 2028 (USRMSG)
SMA3A ERROR NUMBER %1
System information:
Internal logic error in Subroutine SMA3A of Module SMA3. Possibly an error exists in the generation of the GEI data block. Use the TABPT module to print GEI.

2029.0 *** USER FATAL MESSAGE 2029 (USRMSG)
UNDEFINED TEMPERATURE SET %1
User information:
The referenced temperature set had no default temperature defined. Define a temperature or default temperature for each grid point in the model.

2030.0 *** SYSTEM FATAL MESSAGE 2030 (USRMSG)
BAD GPTT DATABLOCK DETECTED.

2031.0 *** USER FATAL MESSAGE 2031 (USRMSG)
ELEMENT %1 UNACCEPTABLE GEOMETRY.
User information:
Possible error on GRID entry or connection entry.

2033.0 *** USER FATAL MESSAGE 2033 (USRMSG)
SINGULAR H-MATRIX FOR ELEMENT %1
User information:
Possible error on GRID entry or connection entry.

2034.0 *** SYSTEM FATAL MESSAGE 2034 (USRMSG)
ELEMENT %1 SIL-S DO NOT MATCH PIVOT.

2035.0 *** USER FATAL MESSAGE 2035 (USRMSG)
QUADRILATERAL %1 INTERIOR ANGLE GREATER THAN 180 DEGREES.

User information:
Possible error on connection entry for element.

2036.0 *** USER FATAL MESSAGE 2036 (USRMSG)
SINGULAR MATRIX FOR ELEMENT %1
User information:
Possible error on GRID entry or connection entry.

2037.0 *** USER FATAL MESSAGE 2037.
ILLEGAL GEOMETRY FOR TRIAR ELEMENT WITH ID =%1

2037.1 *** USER FATAL MESSAGE 2037 (USRMSG)
BAD ELEMENT %1 GEOMETRY.
User information:
Possible error on GRID entry or connection entry.

2038.0 *** SYSTEM FATAL MESSAGE 2038,
SINGULAR MATRIX FOR ELEMENT %1
System information:
Possible error on GRID entry, connection entry, or rigid element.
Rigid elements must have 6 n-set degrees of freedom that define
all six rigid body motions of the element.

2038.1 *** USER FATAL MESSAGE 2038,
RBE3 ELEMENT %1 IS SINGULAR.
USER ACTION: ADD MORE DOFS TO THE CONNECTED POINTS TO INSURE THAT THEY CAN CONSTRAIN ALL 6 RIGID BODY MODES OF THE ELEMENT.

2039.0 *** USER FATAL MESSAGE 2039 (USRMSG)
ZERO SLANT LENGTH FOR HARMONIC %1 OF CCONEAX %2
User information:
Possible error on GRID entry or connection entry.

2040.0 *** USER FATAL MESSAGE 2040 (USRMSG)
SINGULAR MATRIX FOR ELEMENT %1
User information:
Possible error on GRID entry or connection entry or a zero value
of G was specified on a MAT1 entry for a Beam element. A zero value
of G may be used if K1 and K2 are explicitly set to zero also. Their
default value is nonzero.

2041.0 *** USER FATAL MESSAGE 2041 (USRMSG)
A MATT1, MATT2, MATT3, MATT11 OR MATS1 ENTRY
REFERENCES TABLE NUMBER %1 WHICH IS NOT DEFINED ON
A TABLEM1,TABLEM2,TABLEM3,TABLEM4 OR TABLES1 ENTRY.
User information:
The user must insure that all table identification numbers on MATT1,
MATT2, MATT3, MATT11 or MATS1 entries reference tables which exist
in the
Bulk Data Deck.

2042.0 *** USER FATAL MESSAGE 2042 (USRMSG)
MISSING MATERIAL TABLE %1 FOR ELEMENT %2
User information:
The referenced material table identification number is missing.
The user should check to see that all element property Bulk Data entries (e.g., PBAR, PROD) reference material identification number for material property entries that exist in the Bulk Data Section.

2043.0 *** USER FATAL MESSAGE 2043 (USRMSG)
MISSING MATERIAL TABLE %1

2044.0 *** USER FATAL MESSAGE 2044 (USRMSG)
UNDEFINED TEMPERATURE SET %1
User information:
The referenced temperature set was selected in the Case Control but not defined in the Bulk Data.

2045.0 *** USER FATAL MESSAGE 2045 (USRMSG)
TEMPERATURE UNDEFINED AT GRID POINT WITH INTERNAL INDEX %1

2046.0 *** USER FATAL MESSAGE 2046 (USRMSG)
UNDEFINED ELEMENT DEFORMATION SET %1
User information:
The referenced element deformation set was selected in the Case Control but not defined in the Bulk Data.

2047.0 *** USER WARNING MESSAGE 2047 (USRMSG)
UNDEFINED MULTI-POINT CONSTRAINT SET %1
User information:
A multipoint constraint set selected in the Case Control could not be found in either an MPC or MPCADD entry or a set referenced on an MPCADD entry could not be found on an MPC entry.

2048.0 *** USER FATAL MESSAGE 2048 (USRMSG)
UNDEFINED GRID POINT %1 IN MULTI-POINT CONSTRAINT SET %2
User information:
An MPC entry references a grid point which has not been defined.
This message can be output in superelement analysis if:
1. All grids referenced on the MPC are not interior to the same superelement, or
2. The dependent DOF are downstream of the independent DOF.
As a minimum requirement, when an MPC (or RBE) definition includes grid points interior to more than one superelement, then the independent DOF must be downstream of the dependent DOF.

2049.0 *** USER WARNING MESSAGE 2049 (SEPSEQ)
GRID POINT %1 SPECIFIED ON %2 IS NOT DEFINED FOR SUPERELEMENT %3

2049.1 *** USER FATAL MESSAGE 2049,
UNDEFINED GRID POINT %1 HAS A COORDINATE REFERENCED

ON A %2 CARD.

2049.3 *** USER FATAL MESSAGE 2049 (GP4)
UNDEFINED GRID POINT %1 HAS A COORDINATE REFERENCED ON A USET CARD.

2049.4 *** USER FATAL MESSAGE 2049 (USRMSG)
UNDEFINED GRID POINT %1 HAS A COORDINATE REFERENCED ON A CONSTRAINT CARD.
User information:
An ASET, BSET, CSET, QSET, MPC, SPC, OMIT, or SUPORT entry references
an undefined grid or scalar point. In superelement analysis, the equivalent entries SEBSET, SECSET, or SEQSET must refer to exterior points of the superelement being processed. This message has been observed when the superelement has no exterior points, due to modeling errors.
This message has also been observed to reference grid point 0 when scalar points have any of the components 1 through 6 referenced in the C field. Zero or blank should be used instead.

2049.5 *** USER WARNING MESSAGE 2049 (GP4)
UNDEFINED GRID POINT %1 ON A USET1 CARD IGNORED.

2049.6 *** USER WARNING MESSAGE 2049
UNDEFINED GRID POINT %1 ON A %2 CARD IGNORED. ANY OTHERS ALSO IGNORED.

2049.7 *** USER WARNING MESSAGE 2049
UNDEFINED GRID POINT %1 ON A %2 CARD IGNORED.

2050.0 *** USER FATAL MESSAGE 2050 (USRMSG)
UNDEFINED GRID POINT %1 HAS A SUPPORT COORDINATE.
User information:
A SUPORT entry references a grid point which has not been defined.

2050.1 *** USER INFORMATION MESSAGE 2050 (ESCHEL)
AUTOMPC PROCESSING COMPLETE

2050.2 *** USER INFORMATION MESSAGE 2050 (ESCHEL)
AUTOMPC PROCESSING ELIMINATED %1 REDUNDANT CONSTRAINT EQUATIONS

2050.3 *** USER INFORMATION MESSAGE 2050 (AUTOMPC)
ERROR PROCESSING %1 IN AUTOMPC PROCESSING

2050.4 *** USER INFORMATION MESSAGE 2050 (AUTOMPC)
AUTOMPC PROCESSING ABORTED DUE TO INSUFFICIENT MEMORY - INCREASE
MEMORY VALUE BY %1 WORDS

2050.5 *** USER INFORMATION MESSAGE 2050 (ESCHEL)
CONSTRAINT EQUATION %1 HAS BEEN FOUND TO CONTAIN IMPROPER DOFS

(SUCH AS ONLY SPC DOFS) BY THE AUTOMPC PROCESSING

2050.6 *** SYSTEM FATAL MESSAGE 2050
INSUFFICIENT MEMORY FOR ROTOR DYNAMICS

2050.7 *** USER FATAL MESSAGE 2050 (ROTPCD)
ROTOR DYNAMICS LIMITED TO A MAXIMUM OF 10000 MODES

2050.8 *** USER INFORMATION MESSAGE 2050 (ESCHEL)
ALL DOFS OF CONSTRAINT EQUATION %1 ARE DEFINED AS EXCLUDED BY THEIR
INCLUSION IN USER SET 5 DURING AUTOMPC PROCESSING

2050.9 *** USER INFORMATION MESSAGE 2050 (AUTOMPC)
AUTOMPC PROCESSING ABORTED DUE TO FAILURE TO EXTEND MEMORY SUFFICENTLY
TO KEEP THE EXPANDING CONSTRAINT MATRIX IN MEMORY. THIS IS A VERY
UNUSUAL OCCURENCE BUT CAN RESULT FROM A LARGE NUMBER OF DOFS BEING
DEFINED IN THE U5 SET. INCREASING THE MEMORY ALLOCATION WILL RESULT IN
SUCCESS BUT THE AMOUNT NEEDED MAY BE MORE THAN IS FEASIBLE.

2050.10 *** USER WARNING MESSAGE 2050 (ESCHEL)
AUTOMPC PROCESSING ENCOUNTERED %1 SMALL PIVOTS WHICH WERE NOT SMALL ENOUGH TO MAKE THE EQUATION REDUNDANT
AND THEREFORE MAY MAKE THE CONSTRAINT MATRIX ILL-CONDITIONED RESULTING IN LARGE NUMERICAL ROUNDOFF ERRORS.
SETTING THE PARAMETER AMPCZ TO 1.0E-4 OR LARGER WILL RESULT IN THESE EQUATIONS BEING ELIMINATED (REDUNDANT).
THIS SITUATION OCCURS MOST FREQUENTLY WHEN EXCESSIVE DOFS ON GRIDS OF RIGID ELEMENTS ARE RESTRAINED.

2050.11 *** USER FATAL MESSAGE 2050 (ROTSDB)
ROTOR DYNAMICS LIMITED TO A MAXIMUM OF %1 TIDs ON TABLEST.
REDUCE THE NUMBER OF TIDs ON TABLEST %2.

2050.12 *** USER FATAL MESSAGE 2050 (ROTSDB)
ROTOR DYNAMICS REQUIRES THAT THE DISP/FORCE VALUES ON TABLEST %1
BE THE SAME FOR EACH TABLEDi.

2050.13 *** USER FATAL MESSAGE 2050 (CKROTCN)
GRID NUMBER %1 IN ROTORG SET NUMBER %2 ILLEGALLY CONNECTED TO A CBEAR ELEMENT.
User information:

Grids on a ROTORG can only be connected to RBE1, RBE2, RBE3, RBAR, RROD,
RTRPLT, CMASS1, CMASS2, CONM1, or CONM2 element tpes or via MPC
equations.

2050.14 *** USER FATAL MESSAGE 2050 (CKROTCN)
GRID NUMBER %1 IN ROTORG SET NUMBER %2
ILLEGALLY CONNECTED TO ELEMENT NUMBER %3, TYPE %4.
User information:
Grids on a ROTORG can only be connected to RBE1, RBE2, RBE3, RBAR, RROD,
RTRPLT, CMASS1, CMASS2, CONM1, or CONM2 element tpes or via MPC
equations.

2051.0 *** USER FATAL MESSAGE 2051 (USRMSG)
UNDEFINED GRID POINT %1 IN SINGLE-POINT CONSTRAINT SET %2
User information:
In superelement analysis this message may not be issued. It is recommended that all superelement definitions (e.g., SESET and SEID field on GRID entries) be removed temporarily so that PARAM,CHECKOUT may be used to check for this type of error.

2051.1 *** USER WARNING MESSAGE 2051 (GP4)
UNDEFINED GRID POINT %1 IN SPC SET %2 IGNORED. (ANY OTHERS ALSO IGNORED)

2052.0 *** USER FATAL MESSAGE 2052 (GP4)
UNDEFINED GRID POINT %1 ON AN SPCD CARD WITH STATIC LOAD SET ID %2

2052.1 *** USER FATAL MESSAGE 2052 (USRMSG)
UNDEFINED GRID POINT %1 IN SINGLE-POINT CONSTRAINT SET %2
User information:
An SPC entry in the selected SPC set references a grid point which has not been defined.

2053.0 *** USER WARNING MESSAGE 2053 (USRMSG)
UNDEFINED SINGLE-POINT CONSTRAINT SET %1
User information:
A single point constraint set selected in the Case Control could not be found on either an SPCADD, SPC or SPC1 entry, or a set referenced on an SPCADD entry could not be found on either an SPC or SPC1 entry.

2054.0 *** USER FATAL MESSAGE 2054 (USRMSG)
SUPER ELEMENT %1 REFERENCES UNDEFINED SIMPLE ELEMENT %2

2056.0 *** USER FATAL MESSAGE 2056 (USRMSG)

UNDEFINED SUPER ELEMENT %1 PROPERTIES

2057.0 *** USER FATAL MESSAGE 2057 (USRMSG)
IRRATIONAL SUPER ELEMENT %1 TOPOLOGY

2058.0 *** USER WARNING MESSAGE 2058 (USRMSG)
ELEMENT %1 CONTRIBUTES TO THE DAMPING MATRIX WHICH IS PURGED. IT WILL BE IGNORED.

2059.0 *** USER FATAL MESSAGE 2059 (USRMSG)
UNDEFINED GRID POINT %1 ON SE--BFE ENTRY FOR SUPER ELEMENT %2

2060.0 *** USER FATAL MESSAGE 2060 (USRMSG)
UNDEFINED GRID POINT %1 ON QDSEP ENTRY FOR SUPER ELEMENT %2

2061.0 *** USER FATAL MESSAGE 2061 (USRMSG)
UNDEFINED GRID POINT %1 ON GENERAL ELEMENT %2
User information:
A general element references an undefined grid point.

2062.0 *** USER FATAL MESSAGE 2062 (USRMSG)
UNDEFINED SUPER ELEMENT PROPERTY %1 FOR SUPER ELEMENT %2

2063.0 *** SYSTEM FATAL MESSAGE 2063 (USRMSG)
TA1C LOGIC ERROR

2064.0 *** USER FATAL MESSAGE 2064 (USRMSG)
UNDEFINED EXTRA POINT %1 REFERENCED ON SEQEP ENTRY.
User information:
An attempt has been made to resequence an undefined extra point.

2065.0 *** USER FATAL MESSAGE 2065 (USRMSG)
UNDEFINED GRID POINT %1 ON DMIG ENTRY.
User information:
Direct matrix input references an undefined grid point.

2066.0 *** USER FATAL MESSAGE 2066 (USRMSG)
UNDEFINED GRID/SCALAR POINT %1 ON DAREA, DELAY, DPHASE ENTRY.
User information:
A DAREA, DELAY or DPHASE entry references an undefined grid/scalar point.

2067.0 *** USER FATAL MESSAGE 2067 (USRMSG)
UNDEFINED GRID/SCALAR/EXTRA POINT %1 IN BULK DATA ENTRY.
User information:
A nonlinear dynamic load references an undefined grid/scalar/extra point.

2068.0 *** USER FATAL MESSAGE 2068 (USRMSG)
UNDEFINED GRID POINT %1 IN TRANSFER FUNCTION SET %2

User information:
A dynamic loading entry references an undefined grid point.

2069.0 *** USER FATAL MESSAGE 2069 (USRMSG)
UNDEFINED GRID POINT %1 IN TRANSIENT INITIAL CONDITION SET %2
User information:
An attempt has been made to specify initial conditions for an undefined grid point.

2070.0 *** USER FATAL MESSAGE 2070 (USRMSG)
REQUESTED DMIG MATRIX %1 IS UNDEFINED.
User information:
A DMIG matrix was selected in the Case Control but was not present in the Bulk Data.

2071.0 *** USER FATAL MESSAGE 2071 (DPD2)
DYNAMIC LOAD %1 ENTRY %2 REFERENCES UNDEFINED %3 SET %4
User information:
A referenced dynamic load table was not present in the Bulk Data.

2071.1 *** USER WARNING MESSAGE 2071 (DPD2)
EXCITATION SET %1 REFERENCED IN DYNAMIC LOAD %2 ENTRY %3 DEFINES A NULL LOAD
User information:
1. Check for proper excitation ID references on RLOADi, TLOADi and/or ACSRCE entries
and the associated DAREA and/or static load entries.
(FORCEi, MOMENTi, etc.).
2. Check for null magnitudes on the above-mentioned entries.

2071.2 *** USER WARNING MESSAGE 2071 (DPD2)
DAREA SET %1 REFERENCED IN DYNAMIC LOAD %2 ENTRY %3 DEFINES NULL ENFORCED MOTION
User information:
1. Check for proper DAREA ID references on RLOADi, TLOADi and/or ACSRCE entries
and the associated enforced motion entries (SPC, SPCD, etc.)
2. Check for null magnitudes on the above-mentioned entries.
3. If enforced motion is defined via SPCD entries, make sure that the referenced components also appear on SPC, SPC1 or the PS field of GRID entries.
If the above condition exists, USER WARNING MESSAGE 2108 is also issued.

2071.3 *** USER WARNING MESSAGE 2071 (DPD2)
DAREA SET %1 REFERENCED IN DYNAMIC LOAD %2 ENTRY %3 DEFINES A NULL LOAD OR NULL ENFORCED MOTION
User information:

1. Check for proper DAREA ID references on RLOADi, TLOADi and/or ACSRCE entries
and the associated DAREA and/or static load and enforced motion entries (FORCEi, MOMENTi, SPC, SPCD, etc.).
2. Check for null magnitudes on the above-mentioned entries.
3. If enforced motion is defined via SPCD entries, make sure that the referenced components also appear on SPC, SPC1 or the PS field of GRID entries.
If the above condition exists, USER WARNING MESSAGE 2108 is also issued.

2072.0 *** SYSTEM WARNING MESSAGE 2072 (USRMSG)
CARD TYPE %1 NOT FOUND ON DATA BLOCK.
System information:
This warning message is issued when the trailer bit for the card type= 1 but the corresponding record is not on the data block.

2073.0 *** USER INFORMATION MESSAGE 2073 (USRMSG)
MPYAD METHOD %1,NO. PASSES = %2

2074.0 *** USER FATAL MESSAGE 2074 (USRMSG)
UNDEFINED TRANSFER FUNCTION SET %1
User information:
A transfer function set was selected in the Case Control but was not present in the Bulk Data.

2075.0 *** SYSTEM FATAL MESSAGE 2075 (USRMSG)
IMPROPER VALUE -%1- FOR FIRST PARAMETER IN DMAP INSTRUCTION SDR2.
System information:
Data recovery was requested for a problem type which was not defined.

2075.1 *** SYSTEM FATAL MESSAGE 2075.
IMPROPER VALUE - %1 - FOR FIRST PARAMETER IN DMAP INSTRUCTION CASE.

2075.2 *** SYSTEM FATAL MESSAGE 2075 (DPD).
EIGR ENTRY SET ID = %1 HAS UNDEFINED GRID OR SCALAR POINT %2

2075.3 *** SYSTEM FATAL MESSAGE 2075 (DPD).
TF SET ID = %1 HAS UNDEFINED GRID OR SCALAR POINT %2

2075.4 *** SYSTEM FATAL MESSAGE 2075 (DPD).
DAREA SET ID = %1 HAS UNDEFINED GRID OR SCALAR POINT %2

2075.5 *** SYSTEM FATAL MESSAGE 2075 (DPD).
NOLINI SET ID = %1 HAS UNDEFINED GRID OR SCALAR POINT %2

2075.6 *** SYSTEM FATAL MESSAGE 2075 (DPD).
NFTUBE SET ID = %1 HAS UNDEFINED GRID OR SCALAR POINT %2

2075.7 *** SYSTEM FATAL MESSAGE 2075 (DPD).
NOLIN5 SET ID = %1 HAS UNDEFINED GRID OR SCALAR POINT %2

2075.8 *** SYSTEM FATAL MESSAGE 2075 (DPD).
NLRGAP SET ID = %1 HAS UNDEFINED GRID OR SCALAR POINT %2

2075.9 *** SYSTEM FATAL MESSAGE 2075 (DPD).
TIC SET ID = %1 HAS UNDEFINED GRID OR SCALAR POINT %2

2076.0 *** USER FATAL MESSAGE 2076 (USRMSG)
ELEMENT %1 REFERENCES TABLES1 %2 WHICH IS THE
INCORRECT FORM FOR NONLINEAR ELASTIC ANALYSIS.
User information:
The user has referenced a TABLES1 entry of FORM=1 which is plastic strains and slopes of the curve in the plastic region rather than FORM=0 which is a list of stress-strain data points. For FORM=0 tables, the second point was not at the yield location. Enter the correct table form or change the MATS1 analysis type.

2077.0 *** SYSTEM FATAL MESSAGE 2077 (USRMSG)
INVALID NONLINEAR EST APPENDAGE ENCOUNTERED FOR
ELEMENT %1 AT LOCATION %2.
System information:
While processing the nonlinear EST data block, an appendage was located which did not conform to the bit specifications on the trailer, thus it could not be processed n the routine's open-core area. This is a possible user error. Regenerate the ESTNL data block from TA1. If this does not work, then the code must be reexamined for error.

2078.0 *** USER FATAL MESSAGE 2078 (USRMSG)
TABLES1 ID.%1 HAS INSUFFICIENT NUMBER OF ENTRIES.
User information:
The user has entered a nonlinear table composed of less than three points which implies that the plastic strain versus stress-strain slope appendage cannot be computed. Supply a TABLES1 with a minimum of three entries.

2079.0 *** USER FATAL MESSAGE 2079 (USRMSG)
GRID OR SCALAR POINT %1 HAS AN ILLEGAL COMPONENT
REFERENCED ON A %2 ENTRY.

2079.1 *** USER FATAL MESSAGE 2079 (GP1D)
DAREA BULK DATA ENTRY %1 REFERENCES ILLEGAL
COMPONENT %2 FOR %3 POINT ID %4

2079.2 *** USER FATAL MESSAGE 2079 (DPD)
EIGR ENTRY SET ID = %1 HAS AN ILLEGAL COMPONENT %2
REFERENCED ON A GRID OR SCALAR POINT %3

2080.0 *** USER WARNING MESSAGE 2080 (USRMSG)
AN OBSOLETE CAPABILITY FOR %1 PROCESSING IS BEING USED.
THIS CAPABILITY MAY BE DELETED IN THE NEXT SYSTEM.
User information:
As capabilities are replaced by newer technology, the old version is removed. Usually a system or two is allowed for removal.

Currently the following capabilities are being considered for removal.
PLOTTING The SC 4020 plotter
ELEMENT The element entries CHEXA1, CHEXA2, CHEX8, CHEX20, CQDPLT, CQDMEM, CQUAD1, CQUAD2,
CQDMEM1, CQDMEM2, CTRIA1, CTRIA2, CTRBSC, CTRPLT, CTRMEM and CWEDGE
CNGRNT The CNGRNT Bulk Data entry.
Before the next system release of NX NASTRAN, change your input to use the newer capabilities.

2081.0 *** USER FATAL MESSAGE 2081 (USRMSG)
NULL DIFFERENTIAL STIFFNESS MATRIX.

2082.0 *** USER FATAL MESSAGE 2082 (USRMSG)
PROJECTED OR CONCENTRATED LOAD USED ON BEND ELEMENT %1
User information:
The PLOAD1 options for projected or concentrated loads are not supported for bend elements.

2083.0 *** USER FATAL MESSAGE 2083 (TA1NLE).
FOR NONLINEAR MATERIAL PROPERTIES REFERENCED ON THE PSHELL ENTRY, 12I/T3 FIELD MUST BE 1.0 (OR BLANK).

2083.1 *** USER FATAL MESSAGE 2083 (TA1NLE).
FOR NONLINEAR MATERIAL PROPERTIES REFERENCED ON THE PSHELL ENTRY,
MID4 MUST BE BLANK AND MID1 AND MID2 MUST REFERENCE THE SAME MAT1/MATS1 ENTRY COMBINATION.
User information:
For nonlinear material properties referenced on the PSHELL entry,
MID4 must be blank and MID1 and MID2 must reference the same MAT1/MATS1 entry combination.

2083.2 *** USER FATAL MESSAGE 2083 (USRMSG)
MATERIAL INPUT INCONSISTENT WITH NONLINEAR FORMULATION FOR ELEMENT %1

2083.3 *** USER WARNING MESSAGE 2083 (TA1NLE)
FOR ELEMENT %1 MID3 REFERENCE TO A MATS1 IS IGNORED BECAUSE NX NASTRAN SHELL THEORY IS A 2-D REPRESENATION OF PLASTICITY.

2083.4 *** USER WARNING MESSAGE 2083 (TA1NLE)
FOR ELEMENT %1 MID3 REFERENCE TO A MATS1 IS IGNORED BECAUSE NX NASTRAN SHELL THEORY IS A 2-D REPRESENATION OF PLASTICITY.
SET SYSTEM(634)>0 TO LIMIT THE NUMBER OF MESSAGES, THE DEFAULT IS 100.
SET SYSTEM(634)=0 TO SUPPRESS ALL THE MESSAGES, SET SYSTEM(634)=-1 TO PRINT ALL THE MESSAGES.

2084.0 *** USER FATAL MESSAGE 2084 (USRMSG)
GAP ELEMENT WITH ID. = %1 HAS ILLEGAL GEOMETRY OR CONNECTIONS.
User information:
Bad CGAP geometry has been detected. Review CGAP element definition.

2085.0 *** SYSTEM FATAL MESSAGE 2085 (USRMSG)
ELEMENT TYPE %1 NOT SUPPORTED FOR NONLINEAR ANALYSIS.
System information:
An element type not currently implemented was encountered on the data block ESTNL. This should be impossible unless the user inputs an EST data block with its trailer altered.

2086.0 *** USER WARNING MESSAGE 2086 (MODGM2)
THE QUADR/TRIAR ELEMENTS ARE NOT AVAILABLE FOR THE NONLINEAR ANALYSIS. THEY ARE USED AS LINEAR ELEMENTS.

2086.1 *** USER FATAL MESSAGE 2086 (MODGM2)
THE COMPOSITE SOLID ELEMENTS ARE ONLY AVAILABLE FOR SOL 101, 103, 105, 108, 109, 111, 112 AND 401.

2086.2 *** USER FATAL MESSAGE 2086 (MODGM2)
THE PLANE STRESS & STRAIN ELEMENTS DO NOT SUPPORT SOL 114, 115, 116, 118, 144, 145, AND 146.

2086.3 *** USER FATAL MESSAGE 2086 (MODGM2)
CURRENTLY, THE GENERALIZED PLANE STRAIN ELEMENTS ONLY SUPPORT SOL 401.

2086.4 *** USER FATAL MESSAGE 2086 (MODGM2)
MICROPHONE ELEMENTS VIA THE PMIC BULK DATA ARE NOT ALLOWED FOR THIS ANALYSIS.

2088.0 *** USER FATAL MESSAGE 2088 (USRMSG)
DUPLICATE TABLE ID %1
User information:
All tables must have unique numbers. Check for uniqueness.

2089.0 *** USER FATAL MESSAGE 2089 (USRMSG)
TABLE %1 IS UNDEFINED.
User information:
The table number in the list of table numbers input to subroutine PRETAB with argument 7 was not found after reading the DIT data block. Check list of tables in the Bulk Data.

2090.0 *** SYSTEM FATAL MESSAGE 2090 (USRMSG)
TABLE DICTIONARY ENTRY %1 IS MISSING.
System information:
Logic error in subroutine PRETAB, or open core used by PRETAB has been destroyed.

2092.0 *** SYSTEM WARNING MESSAGE 2092 (USRMSG)
SDR2 FINDS A SYMMETRY SEQUENCE LENGTH =%1

AND AN INSUFFICIENT NUMBER OF VECTORS AVAILABLE =%2
WHILE ATTEMPTING TO COMPUTE STRESSES AND FORCES.
ALL FURTHER STRESS AND FORCE COMPUTATION TERMINATED.
System information:
The number of SUBSEQ command coefficients must be less than or equal to the number of SUBCASES that precede the SUBCOM which contains the SUBSEQ command. Either increase the number of SUBCASEs or reduce the number of SUBSEQ coefficients.

2093.0 *** USER FATAL MESSAGE 2093---,
NOLIN OR NLRGAP SET%1 REFERENCES GRID%2 COMPONENT%3 SIL%4 WHICH IS NOT IN UD SET.
User information:
Nonlinear loads can only be applied to points in the dynamic analysis set.

2094.0 *** USER WARNING MESSAGE 2094 (TABFMT)
KEYNAME %1 NOT IN LIST OF AVAILABLE KEYNAMES.
User information:
Formatted table print is requested for a data block which is not coded in the module.

2099.0 *** USER WARNING MESSAGE 2099 (TABFMT)
NUMWDS =%1

2101.0 *** USER FATAL MESSAGE 2101 (USRMSG)
GRID POINT %1 COMPONENT %2 ILLEGALLY DEFINED IN SETS %3 %4 %5 %6 %7 %8 %9

2101.1 *** USER FATAL MESSAGE 2101 (USRMSG)
SCALAR POINT %1 ILLEGALLY DEFINED IN SETS %2 %3 %4 %5 %6 %7 %8
User information:
The above grid point and component are defined in each of the above dependent subsets. A point may belong to a maximum of one dependent subset. This error occurs when a DOF is defined as belonging to two mutually exclusive sets.
A common example of this occurs when a DOF is defined as dependent on an MPC (M-set) as well as being constrained (s-set) on an SPC entry. The message for this states that the component is illegally defined in the um (user-defined m-set) and us (user-defined s-set) sets. These two sets are mutually exclusive because all MPC equations are processed before the SPCs are applied (exception is SOL 24) and the m-set DOFs are removed from the matrix. When the program attempts pply the SPC, the DOF is no longer available, and the FATAL message is issued. The normal correction for this is to modify the MPC so that the DOF in question is independent (N-set). Then there is no conflict.

2101.2 *** SYSTEM FATAL MESSAGE 2101 (GP4)
GRID OR SCALAR POINT ID= %1 COMPONENT = %2 FOUND ON THE MPC ENTRY IS ILLEGAL.

USER ACTION: CHECK MPC ENTRIES.
User information:
The above scalar point has been defined in each of the above dependent subsets. A point may belong to at most one dependent subset.

2102.0 *** USER WARNING MESSAGE 2102 (USRMSG)
LEFT HAND MATRIX ROW POSITION %1 OUT OF RANGE - IGNORED.
LEFT HAND MATRIX ROW POSITION %2 OUT OF RANGE - IGNORED.

2103.0 *** SYSTEM FATAL MESSAGE 2103 (USRMSG)
SUBROUTINE MAT WAS CALLED WITH INFLAG=2, THE SINE OF THE ANGLE X MATERIAL ORIENTATION ANGLE, NON-ZERO, BUT, SIN(X)**2+COS(X)**2 DIFFERED FROM 1 IN ABSOLUTE VALUE BY MORE THAN .0001 .

2104.0 *** USER FATAL MESSAGE 2104 (USRMSG)
UNDEFINED COORDINATE SYSTEM %1

2105.0 *** USER FATAL MESSAGE 2105 (USRMSG)
PLOAD2 CARD FROM LOAD SET %1 REFERENCES MISSING OR NON-2-D ELEMENT OR HYPERELASTIC PLANE ELEMENT %2
User information:
PLOAD2 entries must reference two-dimensional elements and not reference hyperelastic elements.

2106.0 *** USER FATAL MESSAGE 2106 (USRMSG)
LOAD ENTRY DEFINES NON-UNIQUE LOAD SET %1
User information:
All load sets must have unique identification numbers.

2107.0 *** USER FATAL MESSAGE 2107 (USRMSG)
EIG- ENTRY FROM SET %1 REFERENCES DEPENDENT COORDINATE OF GRID POINT %2
User information:
When the point option is used on an EIGR entry, the referenced point and component must be
in the analysis set (a-set) for use in normalization.

2108.0 *** USER WARNING MESSAGE 2108 (USRMSG)
SPCD ON A POINT NOT IN S SET. GRID %1 COMP. %2

2109.0 *** USER FATAL MESSAGE 2109 (USRMSG)
NO GRID, SCALAR, OR EXTRA POINTS DEFINED.
User information:
Dynamics problems must have at least one grid, scalar, or extra point.

2111.0 *** USER WARNING MESSAGE 2111 (USRMSG)
BAR %1 COUPLED BENDING INERTIA SET TO 0.0 IN DIFFERENTIAL STIFFNESS.

2112.0 *** SYSTEM FATAL MESSAGE 2112 (USRMSG)

ATTEMPT TO USE TABLE PROCESSING FOR MATERIAL %1 WHEN NO TABLE SUPPLIED.
System information:
This error occurs in nonlinear analysis when, for a given value of strain, a table lookup was requested but the user did not supply a table. Make sure that tables referenced by MATS1 or CREEP entries are supplied.

2113.0 *** USER FATAL MESSAGE 2113 (USRMSG)
ELEMENT %1 REFERENCED MATID %2 WHICH CANNOT BE USED TO OBTAIN REQUIRED PROPERTIES.
User information:
A search procedure in MAT allows any possible MATi entry to be referenced under any INFLAG. However, only certain material formats can be used to construct the required output in /MATOUT/.
Make certain the element can reference the material entry type.

2114.0 *** USER WARNING MESSAGE 2114 (USRMSG)
THE VALUE OF PARAMETER F12 DOES NOT SATISFY THE STABILITY CRITERION FOR ELEMENT %1 PLY %2
User information:
Failure theory calculations for the noted element/ply were not calculated. The value of the parameter F12 did not satisfy the following equations for Tsai-Wu
failure theory:
(1/(Xt * Xc)) * (1/(Yt * Yc)) - F12 ** 2 > 0
Change the value of the parameter F12.

2114.1 *** USER WARNING MESSAGE 2114 (USRMSG)
THE VALUE OF PARAMETER F12 DOES NOT SATISFY THE STABILITY CRITERION FOR THE
TSAI-WU FAILURE THEORY FOR MATERIAL %1.
The value of the parameter F12 did not satisfy the following equation for Tsai-Wu failure theory.
(1/(Xt * Xc)) * (1/(Yt * Yc)) - F12 ** 2 > 0
The parameter F12 will be set zero for ply failure calculations.

2114.2 *** USER WARNING MESSAGE 2114 (USRMSG)
THE VALUE OF PARAMETER F23 DOES NOT SATISFY THE STABILITY CRITERION FOR THE
TSAI-WU FAILURE THEORY FOR MATERIAL %1.
The value of the parameter F23 did not satisfy the following equation for Tsai-Wu failure theory.
(1/(Zt * Zc)) * (1/(Yt * Yc)) - F23 ** 2 > 0
The parameter F23 will be set zero for ply failure calculations.

2114.3 *** USER WARNING MESSAGE 2114 (USRMSG)
THE VALUE OF PARAMETER F13 DOES NOT SATISFY THE STABILITY CRITERION FOR THE
TSAI-WU FAILURE THEORY FOR MATERIAL %1.

The value of the parameter F13 did not satisfy the following equation for Tsai-Wu failure theory.
(1/(Xt * Xc)) * (1/(Zt * Zc)) - F13 ** 2 > 0
The parameter F13 will be set zero for ply failure calculations.

2115.0 *** USER FATAL MESSAGE 2115 (USRMSG)
TABLE %1 (TYPE%2) ILLEGAL WITH STRESS-DEPENDENT MATERIAL.
User information:
Only TABLES1 entries may be used to define stress-strain curves for use in piecewise linear analysis.

2116.0 *** USER FATAL MESSAGE 2116 (USRMSG)
ALL TABLES MUST BE SUPPLIED FOR CREEP ENTRY %1.
User information:
When the table option is selected for CREEP analysis, all possible table fields must be supplied.

2117.0 *** SYSTEM FATAL MESSAGE 2117 (USRMSG)
LOGIC ERROR, ELEMENT %1 MATERIAL %2 REQUIRES A MATS1 OR CREEP ENTRY WHICH WAS NOT LOADED.
System information:
Normally, module TA1 determines which types of analysis are possible for an element based upon which material is referenced. The processing routine has requested processing other than that for which the element was flagged. Review references to MATS1 or CREEP entries by MATi entries.

2120.0 *** USER FATAL MESSAGE 2120,
MODULE VEC - BOTH SUBSET BITS ARE NON-ZERO. I = %1
User information:
Possible error in partitioning set definition.

2121.0 *** USER FATAL MESSAGE 2121,
MODULE VEC - BOTH SUBSET BITS ARE ZERO. I = %1
User information:
Possible error in partitioning set definition.

2122.0 *** USER FATAL MESSAGE 2122,
MODULE VEC - SET X BIT IS ZERO BUT SUBSET X0 BIT IS NOT. I = %1
User information:
Possible error in partitioning set definition.

2123.0 *** USER FATAL MESSAGE 2123,
MODULE VEC - SET X BIT IS ZERO BUT SUBSET X1 BIT IS NOT. I = %1
User information:
Possible error in partitioning set definition.

2124.0 *** USER WARNING MESSAGE 2124,
MODULE VEC - NR=0, OUTPUT WILL BE PURGED.

User information:
Requested partitioning vector is null.

2125.0 *** USER WARNING MESSAGE 2125,
MODULE VEC - NZ=0, ONE OR MORE COLUMNS OF OUTPUT MATRIX WILL BE NULL.
User information:
Requested partitioning vector is full.

2126.0 *** USER FATAL MESSAGE 2126 (USRMSG)
UNDEFINED MATERIAL FOR ELEMENT %1

2131.0 *** USER FATAL MESSAGE 2131 (USRMSG)
NON-SCALAR ELEMENT %1 REFERENCES A SCALAR POINT.
User information:
An element which must be attached to a geometric grid point has been attached to a scalar point. No geometry data can be inferred.

2132.0 *** USER FATAL MESSAGE 2132 (USRMSG)
NON-ZERO SINGLE POINT CONSTRAINT VALUE SPECIFIED BUT DATA BLOCK YS IS PURGED.

2133.0 *** USER FATAL MESSAGE 2133 (USRMSG)
INITIAL CONDITION IN SET %1 SPECIFIED FOR POINT NOT IN ANALYSIS SET.
User information:
Initial conditions can only be specified for analysis set points.
Therefore the point/component mentioned on TIC entries must belong to the d- or h- sets.

2133.1 *** USER FATAL MESSAGE 2133 (DPD4)
INITIAL CONDITION IN SET %1 SPECIFIED COMPONENT %2 ON POINT %3 IS NOT IN ANALYSIS SET.
User information:
Initial conditions can only be specified for analysis set points.
Therefore the point/component mentioned on TIC entries must belong to the d- or h- sets.

2134.0 *** USER FATAL MESSAGE 2134 (USRMSG)
LOAD OR DEFORM SET %1 DEFINED FOR BOTH GRAVITY AND NON-GRAVITY LOADS.
User information:
The same load set identification number cannot appear on both a GRAV entry and another loading entry such as FORCE or MOMENT.
To apply both a gravity load and a concentrated load simultaneously, the LOAD entry must be used.

2134.1 *** USER FATAL MESSAGE 2134 (GP1D)
DAREA BULK DATA ENTRY %1 IS THE SAME AS A LOAD OR GRAV BULK DATA ENTRY

2135.0 *** USER FATAL MESSAGE 2135 (USRMSG)

DLOAD CARD %1 HAS A DUPLICATE SET ID FOR SET ID %2.
User information:
The Li Set IDs on a DLOAD entry are not unique. See the DLOAD Bulk Data description.

2136.0 *** USER FATAL MESSAGE 2136---
DUPLICATE %1 SET ID NUMBER =%2 HAS BEEN ENCOUNTERED FOR %3 SET =%4
User information:
Dynamic loads may not be combined by giving multiple data entries with the same ID. Use unique IDs.

2136.1 *** USER FATAL MESSAGE 2136 (DPD2)
%1 SET ID %2 HAS BEEN DUPLICATED ON A %3 CARD.

2137.0 *** USER FATAL MESSAGE 2137 (USRMSG)
PROGRAM RESTRICTION FOR MODULE %1. ONLY 300 LOAD SET ID'S ALLOWED. DATA CONTAINS %2 LOAD SET ID'S.

2138.0 *** USER FATAL MESSAGE 2138 (USRMSG)
ELEMENT IDENTIFICATION NUMBER %1 IS TOO LARGE.

2139.0 *** USER WARNING MESSAGE 2139 (USRMSG)
ELEMENT %1 IN DEFORM SET %2 IS UNDEFINED.
User information:
A selected element deformation set includes an element twice, includes a non-existent element, or includes a non includes a non-one-dimensional element.

2140.0 *** USER FATAL MESSAGE 2140 (USRMSG)
GRID POINT OR SCALAR POINT ID %1 IS TOO LARGE.
User information:
This is a program restriction on the size of integer numbers. An entry defining a grid point or scalar point has a number larger than the maximum of 2,000,000.

2141.0 *** USER INFORMATION MESSAGE 2141,
HOUSEHOLDER TIME ESTIMATE IS %1 SECONDS.
PROBLEM SIZE IS %2 .

2141.1 *** USER INFORMATION MESSAGE 2141,
GIVENS TIME ESTIMATE IS %1 SECONDS.
PROBLEM SIZE IS %2, SPILL WILL OCCUR FOR THIS CORE AT A PROBLEM SIZE OF %3 .
User information:
The time estimate includes the time of the tridiagonalization and eigenvalue calculation when the GIV or HOU methods are used. If ND is given on the EIGR entry, it also includes the time of the eigenvector generation. If F1 and F2 are used instead, the eigenvector times

2142.0 *** USER FATAL MESSAGE 2142,
INSUFFICIENT CORE FOR MODULE VEC. AVAILABLE CORE = %1

WORDS.
ADDITIONAL CORE NEEDED = %2 WORDS.
User information:
Additional main memory is needed to execute module VEC.

2143.0 *** USER FATAL MESSAGE 2143,
MODULE VEC UNABLE TO IDENTIFY SET OR SUBSET DESCRIPTOR %1
User information:
Illegal set name for partitioning vector definition.

2145.0 *** USER FATAL MESSAGE 2145,
%1 FATAL MESSAGES HAVE BEEN GENERATED IN SUBROUTINE VEC.
ONLY THE FIRST %2 HAVE BEEN PRINTED.
User information:
Only a limited number of error messages are printed.

2146.0 *** USER FATAL MESSAGE 2146,
BOTH OF THE SECOND AND THIRD VEC PARAMETERS REQUEST COMPLEMENT.
User information:
Illegal definition of partitioning vector.

2150.0 *** USER FATAL MESSAGE 2150,
ILLEGAL VALUE FOR FOURTH PARAMETER = %1

2154.0 *** USER WARNING MESSAGE 2154,
ZERO AREA OR ILLEGAL CONNECTION FOR %1 ELEMENT NUMBER.%2
User information:
Possible error on connection entry or property entry.

2154.1 *** USER WARNING MESSAGE 2154,
ZERO AREA OR ILLEGAL CONNECTION FOR ELEMENT NUMBER.%1
User information:
Possible error on connection entry or property entry.

2155.0 *** USER WARNING MESSAGE 2155,
MAT4 AND MAT5 MATERIAL DATA CARDS HAVE SAME ID =%1
MAT4 DATA WILL BE SUPPLIED WHEN CALLED FOR THIS ID.
User information:
The same identification number has been used for an isotropic
and an anisotropic material.

2157.0 *** USER FATAL MESSAGE 2157,
MATERIAL ID =%1 FOR ELEMENT ID = %2
DOES NOT APPEAR ON ANY RADM RADIATION MATERIAL DATA CARD
User information:
Material properties required for thermal matrix generation are

not present in the Bulk Data.

2157.1 *** USER FATAL MESSAGE 2157,
MATERIAL ID =%1 FOR ELEMENT ID = %2
DOES NOT APPEAR ON ANY MAT4 OR MAT5 MATERIAL DATA CARD.
User information:
Material properties required for thermal matrix generation are not present in the Bulk Data.

2160.0 *** USER FATAL MESSAGE 2160 (ESLTD)
BAD GEOMETRY OR ZERO COEFFICIENT FOR SLOT ELEMENT NUMBER %1
User information:
Possible error on GRID entry or connection entry.

2161.0 *** USER FATAL MESSAGE 2161,
PARTITION FILE %1 IS OF SIZE%2 ROWS BY%3 COLS.
PARTITIONING VECTORS INDICATE THAT THIS PARTITION SHOULD BE OF SIZE%4 ROWS BY%5 COLUMNS FOR A SUCCESSFUL MERGE.
User information:
Check RP and CP sizes for MERGE.

2162.0 *** USER WARNING MESSAGE 2162,
THE FORM PARAMETER AS GIVEN TO THE MERGE MODULE IS INCONSISTENT WITH THE SIZE OF THE
MERGED MATRIX, HOWEVER IT HAS BEEN USED. FORM =%1 SIZE =%2 ROWS BY%3 COLUMNS.
User information:
Use square forms for square matrices, etc, or use FORM=0.

2163.0 *** USER WARNING MESSAGE 2163,
REQUESTED VALUE OF %1%2 %3USED BY %4. LOGICAL CHOICE IS%5
User information:
The type of the output matrix is not consistent with the precision of the computer.

2166.0 *** USER FATAL MESSAGE 2166,
MATRIX TO BE PARTITIONED IS OF SIZE%1 ROWS BY%2 COLUMNS.
ROW PARTITION SIZE IS %3 COLUMN PARTITION SIZE IS %4 (INCOMPATIBLE).
User information:
The RP or CP matrices do not match the incoming matrix size. Check the DMAP and DIAG 8 output. Note that in versions prior to V65C, the size of the partitioning vector did not have to be compatible with the matrix being partitioned. This was changed starting with V65C, when a warning message was issued. Starting with V67.5, this was

changed to a fatal message.

2168.0 *** USER WARNING MESSAGE 2168,
THE FORM PARAMETER AS GIVEN TO THE PARTITIONING MODULE FOR SUB-PARTITION %1
IS INCONSISTENT WITH ITS SIZE. FORM =%2 SIZE =%3 ROWS BY%4 COLUMNS.
User information:
Either use FORM=0, or label square results square, etc.

2170.0 *** USER FATAL MESSAGE 2170,
BOTH THE ROW AND COLUMN PARTITIONING VECTORS ARE PURGED AND ONLY ONE MAY BE
PURGED.
User information:
Check your DMAP PARTN or MERGE for loss of both RP and CP.

2171.0 *** USER WARNING MESSAGE 2171,
SYM FLAG INDICATES TO THE PARTN OR MERGE MODULE THAT A SYMMETRIC MATRIX IS TO BE
OUTPUT. THE PARTITIONING VECTORS%1 HOWEVER DO NOT CONTAIN AN IDENTICAL NUMBER OF ZEROS AND NON-ZEROS.
User information:
Do not specify both RP and CP if a symmetric partition is desired.

2172.0 *** USER WARNING MESSAGE 2172,
ROW AND COLUMN PARTITIONING VECTORS DO NOT HAVE IDENTICAL ORDERING OF ZERO
AND NON-ZERO ELEMENTS, AND SYM FLAG INDICATES THAT A SYMMETRIC PARTITION OR MERGE IS TO BE PERFORMED.
User information:
Do not specify both RP and CP if a symmetric partition is desired.

2173.0 *** USER WARNING MESSAGE 2173,
PARTITIONING VECTOR FILE%1 CONTAINS %2 COLUMNS.
THE FIRST COLUMN WILL BE USED, NOT THE REQUESTED COLUMN%3
User information:
The COLNO parameter has been set longer than the number of columns in RP or CP in the PARTN or
MERGE modules.

2174.0 *** USER WARNING MESSAGE 2174,
PARTITIONING VECTOR ON FILE%1 IS NOT REAL-SINGLE OR REAL-DOUBLE PRECISION.
User information:
Partitioning vectors may not be complex for the PARTN or MERGE modules.

2184.0 *** SYSTEM WARNING MESSAGE 2184,
STRESS OR FORCE REQUESTS FOR ELEMENT TYPE =%1
WILL NOT BE HONORED AS THIS ELEMENT IS UNDEFINED TO

SDR2.

2187.0 *** USER FATAL MESSAGE 2187 (OUTPX2)
INSUFFICIENT WORKING CORE TO HOLD FORTRAN LOGICAL RECORD IN MODULE %1.
LENGTH OF WORKING CORE = %2, LENGTH OF FORTRAN LOGICAL RECORD = %3.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

2187.1 *** USER FATAL MESSAGE 2187 (OUTPN2)
INSUFFICIENT WORKING CORE TO HOLD FORTRAN LOGICAL RECORD IN MODULE %1.
LENGTH OF WORKING CORE = %2, LENGTH OF FORTRAN LOGICAL RECORD = %3.

2187.2 *** USER FATAL MESSAGE 2187
INSUFFICIENT WORKING CORE TO HOLD FORTRAN LOGICAL RECORD.
LENGTH OF WORKING CORE = %1, LENGTH OF FORTRAN LOGICAL RECORD = %2.

2190.0 *** SYSTEM FATAL MESSAGE 2190 (OUTPX2)
ILLEGAL VALUE FOR KEY =%1.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

2190.1 *** SYSTEM FATAL MESSAGE 2190 (OUTPX2)
ILLEGAL VALUE FOR KEY =%1, EXPECTED VALUE = %2.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

2190.2 *** SYSTEM FATAL MESSAGE 2190
ILLEGAL VALUE FOR KEY =%1.

2190.3 *** SYSTEM FATAL MESSAGE 2190
ILLEGAL VALUE FOR KEY =%1, EXPECTED VALUE = %2.

2190.4 *** SYSTEM FATAL MESSAGE 2190
ILLEGAL VALUE FOR KEY =%1.

2190.7 *** SYSTEM FATAL MESSAGE 2190 (INPTN2)
ILLEGAL VALUE FOR KEY = %1.

2192.0 *** USER FATAL MESSAGE 2192 (USRMSG)
UNDEFINED GRID POINT %1 IN RIGID ELEMENT %2

2193.0 *** USER FATAL MESSAGE 2193 (USRMSG)
A REDUNDANT SET OF RIGID BODY MODES WAS SPECIFIED FOR THE GENERAL ELEMENT.
User information:
Only a non-redundant list of rigid body modes is allowed to appear in the ud set when the S matrix is to be internally calculated in subroutine TA1CA.

2194.0 *** USER FATAL MESSAGE 2194 (USRMSG)
A MATRIX D IS SINGULAR IN SUBROUTINE TA1CA.
User information:
While attempting to calculate the [S] matrix for a general element in TA1CA, it was discovered that the matrix Dd which relates ub to ud was singular and could not be inverted.

2195.0 *** USER FATAL MESSAGE 2195 (TIMTST)
ILLEGAL VALUE FOR P4 =%1

2197.0 *** SYSTEM FATAL MESSAGE 2197,
ABORT CALLED DURING TEST TEST OF %1

2198.0 *** SYTEM FATAL MESSAGE 2198 (USRMSG)
INPUT DATA BLOCK %1 HAS BEEN PURGED.

2199.0 *** SYTEM FATAL MESSAGE 2199 (USRMSG)
SUMMARY, ONE OR MORE OF THE ABOVE FATAL ERRORS WAS ENCOUNTERED IN SUBROUTINE %1.

2200.0 *** USER FATAL MESSAGE 2200,
INCONSISTENT RIGID BODY SYSTEM.
User information:
The rigid-body mass matrix is not positive definite. Possible causes are unconstrained mechanisms or input of negative mass terms. A diagnostic method is to remove all SUPORT entries and inspect the resulting eigenvectors for implausible behavior.

2251.0 *** USER WARNING MESSAGE 2251 (IFS1P)
ONE OR MORE MAT1 ENTRIES HAVE UNREASONABLE OR INCONSISTENT VALUES OF E,G OR NU. ID OF FIRST ONE = %1
User information:
Potentially bad elastic constants have been defined on one or more MAT1 entries. Checks are made for (a) any of E << 0.0, G << 0.0, (unless two of the three data fields are blank). Verify that the values defined are meaningful for the designated application.

2251.1 *** USER WARNING MESSAGE 2251 (IFS1P)
THE NUMBER OF MAT1 ENTRIES HAVING UNREASONABLE OR INCONSISTENT VALUES FOR E,G AND/OR NU IS %1
ID OF LAST ONE = %2
User information:
See Message 2251.0. Check all MAT1 entries in the range indicated for the ones with potentially bad elastic constants. These values should be verified for application suitability.

2257.0 ***USER WARNING MESSAGE 2257,
SET %1 IS EMPTY.
User information:
While processing the SET1 or SET2 entry referenced on the SPLINEi entry, no included grid points were found. If SET1 was used, either no points were included or they were all scalar points. If SET2 was used, the volume

of space referenced did not include any structural grid points. This may occur if a tapered element is extended too far. The spline is omitted from the problem and processing continues.

2258.0 ***USER FATAL MESSAGE 2258,
SET %1 REFERENCED ON SPLINE CARD %2 NOT FOUND.
User information:
The necessary SET1 or SET2 entry was not found. Include the proper SET entry.

2258.1 *** USER FATAL MESSAGE 2258 (APD0)
SET ENTRY ID = %1 THAT IS REFERENCED ON SPLINE ENTRY ID = %2 WAS NOT FOUND.

2258.2 *** USER FATAL MESSAGE 2258 (GISPL)
%1 %2 REFERENCED ON SPLINE CARD %3 NOT FOUND.

2259.0 ***SYSTEM FATAL MESSAGE 2259,
POINT ASSIGNED TO BOX %1 FOR CAERO1 %2 NOT IN ECTA.
System information:
No internal k point could be found for external box. If box number is correct, module APD is in error; if box number is incorrect, module GI is in error.

2260.0 *** USER FATAL MESSAGE 2260
SINGULAR MATRIX DEVELOPED WHILE PROCESSING SPLINE%1
User information:
Matrix developed by SSPLIN or LSPLIN (depending on type of spline) could not be inverted; possibly for the surface spline all points lie in a straight line, or not enough points are included.

2261.0 *** USER FATAL MESSAGE 2261 (L1SPLD)
PLANE OF LINEAR SPLINE %1 PERPENDICULAR TO PLANE OF AERO ELEMENT %2
User information:
Y-axis of linear spline was perpendicular to connected element and could not be projected onto element.

2262.0 *** USER FATAL MESSAGE 2262 (GIPUSG)
SPLINE %1 CONTAINS AERO BOX CONTAINED ON AN EARLIER SPLINE.
User information:
Two splines are attached to the same box. Splines must be connected to the same structural grid point but not the same aerodynamic grid point. This type of error checking will stop with one error, so check this spline and subsequent splines (sorted) for overlaps before resubmitting.

2263.0 *** USER FATAL MESSAGE 2263
INSUFFICIENT CORE TO PROCESS SPLINE%1
User information:
Depending on type of spline and input options, subroutine SSPLIN, or LSPLIN would not have had enough core for this spline. Either allow

more core or break this spline into smaller splines.

2264.0 *** SYSTEM FATAL MESSAGE 2264,
NUMBER OF ROWS COMPUTED (%1) WAS GREATER THAN SIZE REQUESTED FOR OUTPUT MATRIX (%2).
System information:
Module ADD determines size of output matrices (j set size). Sum of number of rows added by different method total more than maximum allowed.

2266.0 *** USER FATAL MESSAGE 2266 (FA1)
ONE OR MORE OF THE FOLLOWING FLFACT SETS WERE NOT FOUND - %1
User information:
One or more of the FLFACT IDs on the FLUTTER entry could not be found. Include all sets mentioned.

2266.1 *** USER FATAL MESSAGE 2266 (DOPR3I)
FLUTTER ENTRY ID = %1 REFERENCES A FLFACT BULK DATA ENTRY ID = %2 WHICH cannot be found.

2267.0 *** USER FATAL MESSAGE 2267 (FA1)
INTERPOLATION METHOD %1 UNKNOWN.
User information:
Matrix interpolation method on FLUTTER entry is not implemented.

2268.0 *** USER FATAL MESSAGE 2268 (FA1)
FMETHOD SET %1 NOT FOUND.
User information:
FLUTTER entry for FMETHOD = %1 in case control could not be found.

2269.0 *** USER FATAL MESSAGE 2269 (FA1)
FLUTTER METHOD %1 NOT IMPLEMENTED.

2269.1 *** USER WARNING MESSAGE 2269 (FA1)
THE KE FLUTTER METHOD DOES NOT SUPPORT A BHH MATRIX AND THESE DATA ARE IGNORED.
USER ACTION: DELETE THE INPUT DATA WHICH GENERATES THE BHH MATRIX OR USE AN ALTERNATIVE FLUTTER METHOD (PK OR K).

2270.0 ***USER FATAL MESSAGE 2270,
LINEAR INTERPOLATION WITHOUT ENOUGH IND. MACH NUMBERS EQUAL TO DEP. MACH %1
User information:
Linear interpolation is for points with the same Mach number, and less than two more found from QHHL list which matched the requested Mach on an FLFACT entry.

2271.0 ***USER FATAL MESSAGE 2271,
INTERPOLATION MATRIX IS SINGULAR
User information:

Possibly for the surface spline, all the Mach numbers were the same,
or for either method, not enough points were included.
The range of Mach numbers and reduced frequencies must be larger on the
MKAEROi entry than on the FLFACT entry.

2286.0 *** USER FATAL MESSAGE 2286. (SSGSLB)
ELEMENT %1 REFERENCED ON PLOAD1 %2 NOT FOUND
User information:
An element identification number is referenced on a PLOAD1 entry
which does not exist on either a CBAR or CBEAM Bulk Data entry.

2317.0 *** USER WARNING MESSAGE 2317,
PARAM HAS STORED OUTSIDE DEFINED RANGE OF COMMON
BLOCK /SYSTEM/.
INDEX VALUE = %1

2318.0 *** USER FATAL MESSAGE 2318 (APD0)
NO %1 ENTRY FOUND FOR %2 AEROELASTIC ANALYSIS.
USER INFORMATION: AN %3 ENTRY IS REQUIRED FOR %4
AEROELASTIC ANALYSIS.

2319.0 *** USER FATAL MESSAGE 2319 (APD0)
NO CAERO ENTRIES FOUND.
User information:
At least one CAERO MESSAGE entry is required for module APD.

2322.0 *** USER FATAL MESSAGE 2322 (APD0)
NEITHER MKAERO1 OR MKAERO2 ENTRIES FOUND.
User information:
Either MKAERO1 or MKAERO2 entries are required.

2323.0 *** USER FATAL MESSAGE 2323 (APD12)
PAERO %1 ENTRY ID = %2 THAT IS REFERENCED BY CAERO %3
ENTRY ID = %4 DOES NOT EXIST.

2324.0 *** USER FATAL MESSAGE 2324 (MKSPL)
CAERO ENTRY ID = %1 THAT IS REFERENCED ON SPLINE %2
ENTRY ID = %3 DOES NOT EXIST.
User information:
Either a SPLINE1 or a SPLINE2 entry references a CAERO1 entry
which is missing.

2325.0 *** USER FATAL MESSAGE 2325 (MKSPLN)
CAERO ENTRY ID = %1 THAT IS REFERENCED ON SET2 ENTRY ID =
%2 DOES NOT EXIST.
User information:
A SET2 entry points to a CAERO1 which was not included.

2326.0 *** USER FATAL MESSAGE 2326 (APD12)
AEFACT ENTRY ID = %2 THAT IS REFERENCED ON CAERO1 ENTRY
ID = %1 DOES NOT EXIST.

2326.1 *** USER FATAL MESSAGE 2326,

DUPLICATE %1 DIVISIONS FOUND ON AEFACT ID = %2.

2328.0 *** USER FATAL MESSAGE 2328 (MKSPL)
NO SPLINES ENTRIES HAVE BEEN FOUND.
USER INFORMATION: SPLINE ENTRIES ARE REQUIRED FOR AEROELASTIC ANALYSIS.

2329.0 *** USER FATAL MESSAGE 2329 (APD0)
DUPLICATE EXTERNAL MESHING POINT GRID ID = %1 GENERATED.
User information:
The external ID's assigned to each generated box must be unique, and different from any grid or scalar point ID.

2329.1 *** USER FATAL MESSAGE 2329 (APD0)
DUPLICATE EXTERNAL AERO GRID (BOX) ID = %1 GENERATED.
User information:
The external ID's assigned to each generated box must be unique, and different from any grid or scalar point ID.

2329.2 *** USER FATAL MESSAGE 2329 (APD0)
DUPLICATE EXTERNAL INTERFERENCE ELEMENT CENTER POINT ID = %1 GENERATED.

2330.0 *** USER FATAL MESSAGE 2330 (APD0)
USER INFORMATION: SET1 OR SPLINE3 ENTRY NO. %1 REFERENCES EXTERNAL ID NO. %2 WHICH DOES NOT EXIST.
User information:
External ID on SET1 or SPLINE3 entry does not exist as structural grid point.

2331.0 *** USER FATAL MESSAGE 2331 (MKSPL)
BOXES PICKED ON SPLINE%1 ENTRY ID = %2 HAVE NOT BEEN GENERATED BY CAERO ENTRY ID = %3.
USER INFORMATION: CAERO ENTRY ID = %4 GENERATES BOXES %5 to %6.

2333.0 *** SYSTEM INFORMATION MESSAGE 2333 (DDRMM)
MODULE DDRMM TERMINATED WITH VARIABLE IERROR = %1
USE PARAM,DDRMM,-1 TO SKIP USE OF MODULE DDRMM.
System information:
IERROR CODE CAUSE
---------- -----
2 Frequency list is empty probably due to DMAP error

2334.0 *** USER WARNING MESSAGE 2334. (DDRMM-3)
ILLEGAL MAJOR OR MINOR OFP-ID IDENTIFICATIONS = %1 DETECTED IN DATA BLOCK%2. PROCESSING OF SAID DATA BLOCK DISCONTINUED.

2335.0 *** USER WARNING MESSAGE 2335. (DDRMM1-1)
THE AMOUNT OF DATA IS NOT CONSISTENT FOR EACH EIGENVALUE IN DATA BLOCK %1

PROCESSING OF THIS DATA BLOCK TERMINATED.

2336.0 *** USER WARNING MESSAGE 2336. (DDRMM1-2)
A CHANGE IN WORD 2 OF THE OFP-ID RECORDS OF DATA BLOCK %1
HAS BEEN DETECTED. PROCESSING OF THIS DATA BLOCK HAS BEEN TERMINATED.

2337.0 *** USER WARNING MESSAGE 2337. (DDRMM2-2)
DATA BLOCK%1 CAN NOT BE PROCESSED DUE TO
A MEMORY INSUFFICIENCY OF APPROXIMATELY%2 DECIMAL WORDS.

2338.0 *** USER WARNING MESSAGE 2338. (DDRMM2-3)
DATA BLOCK%1 MAY NOT BE FULLY COMPLETED DUE TO A MEMORY INSUFFICIENCY
OF APPROXIMATELY%2 DECIMAL WORDS.

2339.0 *** USER WARNING MESSAGE 2339. (DDRMM2-1)
A CHANGE IN WORD 2 OF THE OFP-ID RECORDS OF DATA BLOCK %1
HAS BEEN DETECTED. PROCESSING OF THIS DATA BLOCK HAS BEEN TERMINATED.

2340.0 *** USER INFORMATION MESSAGE 2340
MODULE %1 HAS BEEN REQUESTED TO DO UNSYMMETRIC DECOMPOSITION OF A SYMMETRIC MATRIX.
User information:
The matrix to be solved has a matrix trailer that indicates that it is symmetric ("FORM=6"). The DMAP call requests that the unsymmetric decomposition algorithm be used. The symmetric algorithm is more economical that the unsymmetric algorithm, and unconditionally stable for positive-definite matrices.
Change the DMAP call to request symmetric decomposition, unless it is known that the unsymmetric algorithm is required.

2340.1 *** USER WARNING MESSAGE 2340 (TCSSLV)
TCSSLV MATRIX GENERATION FAILED. FALL BACK TO NXN WITHOUT TAUCS.

2340.2 *** USER WARNING MESSAGE 2340 (TCSSLV)
TCSSLV DECOMPOSITION FAILED. MATRIX MAY BE INDEFINITE. FALL BACK TO NXN WITHOUT TAUCS.

2340.3 *** USER FATAL MESSAGE 2340 (TCSSLV)
MIXED TYPE (COMPLEX RIGHT HAND SIDE AND REAL MATRIX) IS NOT SUPPORTED BY TAUCS FBS.

2340.4 *** USER FATAL MESSAGE 2340 (TCSSLV)
TCSSLV FBS FAILED.

2340.5 *** USER FATAL MESSAGE 2340 (TCSSLV)
TCSSLV FBS RIGHT HAND SIDE GENERATION FAILED.

2341.0 *** USER INFORMATION MESSAGE 2341
MODULE %1 HAS BEEN FURNISHED A SQUARE MATRIX MARKED
UNSYMMETRIC FOR SYMMETRIC DECOMPOSITION.
User information:
The module has been instructed to perform the symmetric decomposition
algorithm in the DMAP call, but the trailer of the input matrix
indicates that it is not of Form 6. If the matrix should be symmetric,
a MODTRL module call can be scheduled before the module to convert the
matrix trailer to Form 6. If this message is encountered in a
solution sequence,it is a signal that a solution is being requested
for a system (unsymmetric matrices) for which it was not designed.
Wrong answers may result if the solution is forced through with the
MODTRL technique.

2342.0 *** SYSTEM WARNING MESSAGE 2342. (GPFDCC)
UNRECOGNIZED DMAP APPROACH PARAMETER = %1
USER INFORMATION: NO GPFORCE, ESE, EKE OR EDE RESULTS
WILL BE PRINTED.

2342.1 *** SYSTEM FATAL MESSAGE 2342 (APCODE)
UNRECOGNIZED DMAP APPROACH PARAMETER = %1
USER INFORMATION: AVAILABLE NAMES ARE
%2 %3 %4 %5 %6 %7 %8 %9 %10 %11

2342.2 *** SYSTEM WARNING MESSAGE 2342. (GPFDCC)
UNSUPPORTED DMAP APPROACH PARAMETER = %1
USER INFORMATION: NO GPFORCE, ESE, EKE OR EDE RESULTS
WILL BE PRINTED.

2343.0 *** SYSTEM WARNING MESSAGE 2343. (GPFDR)
DATA BLOCK %1 IS EITHER NOT -EQEXIN- OR POSSIBLY
INCORRECT.

2344.0 *** SYSTEM WARNING MESSAGE 2344. (GPFDR)
GPFDR FINDS A SYMMETRY SEQUENCE LENGTH %1 WHILE
ATTEMPTING TO COMPUTE GRID POINT FORCES AND ENERGIES.
THERE IS AN INSUFFICIENT NUMBER OF VECTORS AVAILABLE
%2.

2345.0 *** SYSTEM WARNING MESSAGE 2345. (GPFDR)
GPFDR FINDS AND IS IGNORING UNDEFINED ECT DATA WITH
LOCATE NUMBERS = %1

2346.0 *** SYSTEM WARNING MESSAGE 2346. (GPFDR)
DATA FOR ELEMENT TYPE = %1 IN DATA BLOCK %2
IS NOT IN AGREEMENT WITH THAT WHICH IS EXPECTED.

2347.0 *** SYSTEM WARNING MESSAGE 2347. (GPFDR)
TOO MANY ACTIVE CONNECTING GRID POINTS FOR ELEMENT ID
= %1

2348.0 *** USER INFORMATION MESSAGE 2348. (GPFTDL)

THERMAL (TEMPij) AND ELEMENT DEFORMATION (DEFORM) LOADS ARE IGNORED IN THE CALCULATION OF GRID POINT FORCES AND ELEMENT ENERGIES IN FREQUENCY AND TRANSIENT RESPONSE ANALYSIS.

2349.0 *** SYSTEM WARNING MESSAGE 2349. (GPFDR)
FINDS AN ELEMENT ENTRY CONNECTING PIVOT SIL =%1 ON DATA BLOCK%2
TOO LARGE FOR A LOCAL ARRAY. ENTRY IS BEING IGNORED.

2350.0 *** USER INFORMAION MESSAGE 2350. (GPFDCC)
INERTIAL AND DAMPING EFFECTS ARE IGNORED IN THE CALCULATION OF GRID POINT FORCES.

2351.0 *** USER INFORMATION MESSAGE 2351. (GPFDR)
A FORCE CONTRIBUTION DUE TO ELEMENT TYPE = %1, ON POINT ID =%2
WILL NOT APPEAR IN THE GRID-POINT-FORCE-BALANCE SUMMARY.

2352.0 *** SYSTEM WARNING MESSAGE 2352. (GPFDR)
IS NOT ABLE TO FIND PIVOT SIL =%1 AS READ FROM DATA BLOCK %2
IN TABLE OF SILS.

2352.1 *** SYSTEM WARNING MESSAGE 2352 (GPFDFA)
UNABLE TO FIND PIVOT SIL =%1 AS READ FROM DATA BLOCK %2 (GPECT) IN TABLE OF SILS.

2353.0 *** USER WARNING MESSAGE 2353. (GPFDR)
INSUFFICIENT CORE TO HOLD ALL NON-ZERO APP-LOAD AND F-OF-SPC OUTPUT LINE ENTRIES
OF GRID-POINT-FORCE-BALANCE REQUESTS. SOME POINTS REQUESTED FOR OUTPUT WILL BE MISSING THEIR APP-LOAD OR F-OF-SPC CONTRIBUTION
IN THE PRINTED BALANCE.

2354.0 *** USER WARNING MESSAGE 2354. (GPFDR)
MODULE IS UNABLE TO CONTINUE AND HAS BEEN TERMINATED DUE TO ERROR MESSAGE PRINTED ABOVE OR BELOW THIS MESSAGE.
THIS ERROR OCCURRED IN CODE WHERE THE VARIABLE -NERROR- WAS SET = %1
User information:
This can occur in nonlinear solutions which invoke GPFDR via user-written DMAP.

2355.0 *** USER WARNING MESSAGE 2355. (GPFDR)
NULL DISPLACEMENT VECTOR ENCOUNTERED IN CROSS STRAIN ENERGY CALCULATIONS.

2360.0 *** USER FATAL MESSAGE 2360 (ADG)

CAERO 3, 4, OR 5 ENTRIES HAVE BEEN FOUND IN THE AERO MODEL BUT ARE NOT ALLOWED IN STATIC AERO PROBLEMS.
User information:
Static aeroelasticity only supports the doublet-lattice method of aerodynamics. Remove these entry types from the Bulk Data.

3000.0 *** USER FATAL MESSAGE 3000
EOF ENCOUNTERED WHILE READING DATA BLOCK %1

3000.1 *** USER WARNING MESSAGE 3000 (SITDEL)
THE USE OF CTRIA6, CQUAD8 OR RBE2 ELEMENTS IN THE ELEMENT BASED ITERATIVE
SOLVER REQUIRES THE USE OF THE PARAMETERS AUTOSPC AND ELITASPC.
WITHOUT THESE PARAMETERS, A SINGULAR MATRIX MAY OCCUR.

3000.2 *** USER FATAL MESSAGE 3000 (ELEINFF)
UNSUPPORTED ELEMENT TYPE %1 ENCOUNTERED IN THE ELEMENT BASED ITERATIVE SOLVER

3000.3 *** USER FATAL MESSAGE 3000 (SITDEL)
THE MATRIX/TABLE %1 IS REQUIRED FOR THE ELEMENT BASED ITERATIVE SOLVER

3000.4 *** USER FATAL MESSAGE 3000 (SITDELC)
ERROR %1 RETURNED FROM THE UBBIO ROUTINES - PROBABLY INSUFFICENT DISK SPACE

3000.5 *** USER WARNING MESSAGE 3000 (SITDELC)
ITERATIVE SOLUTION FAILED TO CONVERGE IN %1 ITERATIONS.
FINAL ERROR WAS %2.
CHECK RESULTS FOR ACCURACY.

3000.6 *** USER FATAL MESSAGE 3000 (SITDELC)
ITERATIVE SOLUTION FAILED DUE TO FAILURE OF PRECONDITIONER TO FACTOR.
THIS ERROR CAN RESULT IF THE STRUCTURE IS NOT RESTRAINED SUFFICIENTLY TO PREVENT
RIGID BODY MOTION OR IF INTERNAL MECHANISMS EXIST.
User information:
The preconditioner factor diagonal is smaller than ZPIVOT (default: 1.0e-9). Reducing ZPIVOT in ITER card may continue the run, but the solution may be inaccurate.

3000.7 *** USER FATAL MESSAGE 3000 (SITDELC)
ITERATIVE SOLUTION FAILED DUE TO NEGATIVE DIAGONAL ELEMENT,
THIS ERROR CAN RESULT IF THE STRUCTURE IS NOT RESTRAINED SUFFICIENTLY TO PREVENT
RIGID BODY MOTION OR IF INTERNAL MECHANISMS EXIST.

3000.8 *** USER FATAL MESSAGE 3000 (SITDELC)
ITERATIVE SOLUTION FAILED DUE TO ZERO DIVISION

3000.9 *** USER FATAL MESSAGE 3000 (SITDELC)
ITERATIVE SOLUTION FAILED DUE TO SQUARE ROOT OF
NEGATIVE NUMBER

3000.10 *** USER FATAL MESSAGE 3000 (SITDELC)
ITERATIVE SOLUTION FAILED DUE TO INSUFFICIENT MEMORY

3000.11 *** USER FATAL MESSAGE 3000 (SITDELC)
ITERATIVE SOLUTION FAILED DUE TO INCONSISTENCY IN INPUT
DATA. CHECK
THE .PCS FILE FOUND IN THE SCRATCH DIRECTORY FOR
FURTHER INFORMATION.
IF MESSAGES OF THE FORM "Failed to identify a slave variable ..."
EXIST, SET THE PARAMETER AUTOMPC TO YES AND RERUN.

3000.12 *** USER FATAL MESSAGE 3000 (SITDELC)
ITERATIVE SOLUTION FAILED DUE TO FILE IO FAILURE

3000.13 *** USER FATAL MESSAGE 3000 (SITDELC)
ITERATIVE SOLUTION FAILED DUE TO SINGULAR MATRIX.
CHECK THAT THE MODEL
IS PROPERLY RESTRAINED AND HAS NO MECHANISMS.

3000.14 *** USER FATAL MESSAGE 3000 (SITDELC)
ITERATIVE SOLUTION FAILED SINGULAR JACOBIAN. CHECK THE
ELEMENT QUALITY OF
PARABOLIC TETRAHEDRAL ELEMENTS.

3000.15 *** USER FATAL MESSAGE 3000 (SITDELC)
ITERATIVE SOLUTION FAILED DUE TO EARLIER ABORT

3000.16 *** USER FATAL MESSAGE 3000 (SITDELC)
ITERATIVE SOLUTION FAILED FOR REASON %1

3000.17 REDUCEDIO DEACTIVATED DUE TO INSUFFICIENT VIRTUAL
MEMORY. INCREASE
VIRTUAL MEMORY %1 MB TO RUN WITH REDUCEDIO TURNED ON

3000.18 INSUFFICIENT MEMORY SPECIFIED FOR THE ITERATIVE SOLVER.
INCREASE
THE MEMORY LIMIT BY %1 MB

3000.19 LINEAR CONTACT IS NOT SUPPORTED IN THE ITERATIVE SOLVER

3000.20 *** USER WARNING MESSAGE 3000 (GETMESG)
PRECONDITIONER FAILED TO FACTOR. SETTING A SMALLER
ZPIVOT ON THE ITER CARD MAY HELP.
MORE INFORMATION CAN BE FOUND IN LOG FILE.

3000.99 UNABLE TO OPEN A SOLUTION MONITOR OUTPUT FILE.
SOLUTION MONITORING
STOPPED

3001.0 THE %1 FILE %2 DOES NOT EXIST.
PROGRAMMER INFORMATION: SUBROUTINE %3

3001.1 THE %1 DATA BLOCK NAMED %2 AT POSITION %3 DOES NOT EXIST.
USER INFORMATION: THIS ERROR IS CAUSED BY ONE OF THE FOLLOWING:
1. THE DATA BLOCK WAS NEVER CREATED.
2. THE DATA BLOCK WAS DELETED.
3. THE DATA BLOCK IS SPECIFIED ON A TYPE STATEMENT IN THE CURRENT SUBDMAP OR A HIGHER SUBDMAP
BUT THE CURRENT QUALIFIER VALUES DO NOT MATCH
THE QUALIFIER VALUES OF THE DATA BLOCK(S) ON THE DATABASE.
USER ACTION: 1. IF YOU ARE EXECUTING A SIEMENS PLM SOFTWARE SUPPLIED SOLUTION SEQUENCE AND NOT USING THE ALTER EXECUTIVE CONTROL STATEMENT, THEN CHECK FOR BULK DATA AND/OR CASE CONTROL INPUT
ERRORS. IF NO ERRORS CAN BE FOUND, THEN CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
2. IF YOU ARE EXECUTING A DMAP PROGRAM NOT SUPPLIED BY SIEMENS PLM SOFTWARE, THEN FOR DEBUGGING
PURPOSES INSERT STATEMENT DIAGON(20) BEFORE THE MODULE SHOWN ABOVE.
PROGRAMMER INFORMATION: THE FIST NUMBER IS %4 AND SUBROUTINE IS %5
User information:
This message should normally not occur for SIEMENS PLM SOFTWARE SOLs, but it has been
observed when there is a mismatch between Case Control commands and Bulk Data entries. Examples of this are: a missing FREQi entry in modal frequency response analysis or a DLOAD entry in the Case Control that has no matching DLOAD, RLOADi, TLOADi, or ACSRCE entry in the Bulk Data.
Verify that all Case Control entries have corresponding references in the Bulk Data.

3001.2 THE %1 DATA BLOCK IN POSITION %2 DOES NOT EXIST.
USER INFORMATION: THIS ERROR IS CAUSED BY ONE OF THE FOLLOWING:
1. THE DATA BLOCK IS UNSPECIFIED ON THE DMAP MODULE.
2. THE DATA BLOCK IS SPECIFIED ON THE DMAP MODULE AND ON THE SUBDMAP STATEMENT
BUT NOT ON THE CORRESPONDING CALL STATEMENT.
USER ACTION: 1. IF YOU ARE EXECUTING A SIEMENS PLM SOFTWARE SUPPLIED SOLUTION SEQUENCE AND NOT USING THE ALTER EXECUTIVE CONTROL STATEMENT, THEN CHECK FOR

BULK DATA AND/OR CASE CONTROL INPUT
ERRORS. IF NO ERRORS CAN BE FOUND, THEN CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
2. IF YOU ARE EXECUTING A DMAP PROGRAM NOT SUPPLIED BY SIEMENS PLM SOFTWARE, THEN FOR DEBUGGING PURPOSES INSERT STATEMENT DIAGON(20) BEFORE THE MODULE SHOWN ABOVE.
PROGRAMMER INFORMATION: THE FIST NUMBER IS %3 AND SUBROUTINE IS %4

3001.3 PTELM IS PURGED

3001.4 *** USER WARNING MESSAGE 3001. (DRMH3)
OUTPUT DATA BLOCK %1 IS PURGED, NO OUTPUT WILL BE GENERATED

3001.5 *** USER WARNING MESSAGE 3001. (DRMH3)
INPUT DATA BLOCK %1 IS PURGED, OUTPUT DATA BLOCK %2 WILL NOT BE GENERATED

3001.6 *** USER WARNING MESSAGE 3001. (DRMH3)
THE CASE CONTROL DATA BLOCK IS PURGED, OUTPUT DATA BLOCKS WILL BE GENERATED; SOME OUTPUT LABELS MAY BE MISSING

3001.7 *** USER WARNING MESSAGE 3001. (DRMH1)
INPUT DATA BLOCK %1 IS NOT SORT 1 FORMAT. INPUT DATA BLOCK IGNORED.

3001.9 *** USER FATAL MESSAGE 3001. (MATMOD-26)
UNABLE TO OPEN DATA BLOCK %1 BECAUSE IT IS PURGED.

3001.10 *** SYSTEM INFORMATION MESSAGE 3001
ATTEMPT TO OPEN THE DATA SET %1 WHICH WAS NOT DEFINED IN FIST.

3001.11 *** SYSTEM FATAL MESSAGE 3001
ATTEMPT TO OPEN THE DATA SET %1 WHICH WAS NOT DEFINED IN FIST.

3002.0 EOF ENCOUNTERED WHILE READING DATA BLOCK %1 (FILE %2) IN SUBROUTINE %3

3002.1 *** SYSTEM FATAL MESSAGE 3002 (SK11RD)
END OF FILE WAS ENCOUNTERED WHILE READING K11 MATRIX FOR ITERATIVE SOLVER INSIDE STATICS MODULE.

3002.2 *** SYSTEM FATAL MESSAGE 3002 (SCALRD):
END OF FILE WAS ENCOUNTERED WHILE READING K11 MATRIX FOR ITERATIVE SOLVER INSIDE STATICS SUPERMODULE.

3002.3 *** SYSTEM INFORMATION MESSAGE 3002
EOF ENCOUNTERED WHILE READING DATA SET %1.

3002.4 *** SYSTEM FATAL MESSAGE 3002

EOF ENCOUNTERED WHILE READING DATA SET %1.
System information:
This message is issued when an END-OF-FILE occurs while trying
to skip the header record. The data block is not in the proper format.
This generally occurs when data that the subroutine expects is missing.
expects is missing.

3002.5 *** SYSTEM FATAL MESSAGE 3002 (DISOFM)
UNEXPECTED END OF FILE WAS ENCOUNTERED WHILE READING
%1 FROM PARALLEL NODE %2

3002.6 *** SYSTEM FATAL MESSAGE 3002
ERROR ENCOUNTERED DURING READ OF EQMAP
USER ACTION : CONTACT SIEMENS PLM SOFTWARE CUSTOMER
SUPPORT.

3002.7 *** USER FATAL MESSAGE 3002 (PARAML)
RECORD NO. %1 SPECIFIED BY THE %2 PARAMETER EXCEEDS
THE NUMBER OF RECORDS (%3) IN THE INPUT DATA BLOCK

3002.8 UNEXPECTED EOF ENCOUNTERED IN SUBROUTINE DRMH2

3003.0 ATTEMPT TO READ PAST THE END OF A LOGICAL RECORD IN
DATA BLOCK %1 (FILE %2) IN SUBROUTINE %3
System information:
The data block is not in proper format.

3003.1 *** SYSTEM FATAL MESSAGE 3003 (NSL1SD)
ATTEMPT TO READ PAST THE END OF A LOGICAL RECORD IN
DATA SET %1.

3003.2 *** system fatal message 3003 (disofm)
UNEXPECTED END OF RECORD WAS ENCOUNTERED WHILE
READING %1 FROM PARALLEL NODE %2

3003.3 *** USER FATAL MESSAGE 3003 (PARAML)
WORD NO. %1 IMPLIED BY THE %2 PARAMETER EXCEEDS THE
NUMBER OF WORDS (%3) IN RECORD %4
OF THE INPUT DATA BLOCK

3004.0 INCONSISTENT TYPE FLAGS ENCOUNTERED WHILE PACKING
DATA BLOCK %1

3005.0 ATTEMPT TO OPERATE ON THE SINGULAR MATRIX %1 IN
SUBROUTINE %2
User information:
Subroutine SDCOMP or subroutine UDCOMP has detected a singular
matrix and the calling routine does not support this case.
A User Information Message defining the singularity has already
been printed.

3006.0 ***SYSTEM FATAL MESSAGE 3006,
BUFFER ASSIGNED WHEN OPENING DATA BLOCK %1,FILE %2,
CONFLICTS WITH BUFFERS CURRENTLY OPEN.

3007.0 ILLEGAL INPUT TO SUBROUTINE %1
System information:
Subroutine %1 has encountered data which it cannot process. This error should not be caused by user input data, except as described in the next paragraphs. A system or programming error is indicated. Go directly to the subroutine listing or description to determine the exact cause of the problems.
This message occurs in superelement analysis when restarting improperly. The illegal input message is usually caused by a purged input file.
One example is if the subroutine is CALCV. A common cause of this error is when attempting to perform a PARTN (or MERGE) on matrices with null partitioning vectors, or attempting to perform UPARTN (or UMERGE) on a matrix for which the original set is the same size as the final set. In this case, the partitioning vector generated by the program is null and this error is generated. In CALCV, if the DMAP partition "hard-coded" and the set does not exist, you'll get this error. For example, if a UPARTN module is using the Q-set, but the user hasn't used any Q set entries, this error will be issued. One remedy is to conditionally jump over the problem DMAP based on parameters such as NOQSET, NORSET, etc.
This can also occur if inertia relief is not used properly in SOLs 91 or 101. Make sure that the rules stated in Chapter 9 for inertia relief are followed.
This has also been observed in SOL 129 models with initially closed GAPs that specify the ADAPT method on the TSTEPNL entry. It can be avoided by specifying the AUTO method instead. See Error Report 3733 in section 17.4 of NX NASTRAN Reference Manual.
This error has also been observed when analyzing large models when insufficient memory has been requested. If mem=estimate is used, the memory estimator may not be able to determine all requirements, resulting in an estimated memory that is too low. Try increasing the memory allocation manually.

3007.1 *** SYSTEM FATAL MESSAGE 3007
MODULE = GEOMSRVR
ILLEGAL INPUT TO SUBROUTINE GEOMSR

3007.2 *** SYSTEM FATAL MESSAGE 3007
ILLEGAL INPUT TO SUBROUTINE %1
INPUT MATRIX %2 IS COMPLEX,
TRANSIENT RESPONSE DOES NOT SUPPORT COMPLEX ARITHMETIC

3008.0 INSUFFICIENT MEMORY AVAILABLE FOR SUBROUTINE %1

3008.1 *** SYSTEM FATAL MESSAGE 3008 (UTMCOR),
MODULE = %1
INSUFFICIENT CORE AVAILABLE FOR SUBROUTINE %2
PROGRAMMER INFORMATION: LOCATION KEY = %3

System information:
This message implies that the particular subroutine does not have sufficient memory to meet its demands. The subroutine or module description should be consulted to determine the memory requirements. Refer to Chapter 12 for instructions to increase the memory for the run. If an increase in memory is desired for only the module producing the error, an alter must be included in the Executive section of the input file. An example of the alter is included below.

```
COMPILE DMAP=dmap,SOUIN=source $ source=EDSSOU or USRSOU
ALTER #
$ before module TYPE PARM,,I,N,MVAL $
MVAL = GETSYS(MVAL,57) PUTSYS(value1,57) $
value1=increased memory value
ALTER #
$ after module PUTSYS(MVAL,57) $
ENDALTER $
```

One cause observed for this in the Bulk Data SORT module is too many continuation entries. An avoidance is to have the Bulk Data already sorted and to increase available memory. See Error Report 2925 in section 17.2 of NX NASTRAN Reference Manual.
Also, large THRU ranges can cause excessive memory to be used.

3008.2 *** SYSTEM FATAL MESSAGE 3008 (UTMCOR),
MODULE = %1
INSUFFICIENT CORE AVAILABLE FOR SUBROUTINE %2
USER ACTION: INCREASE OPEN CORE BY AT LEAST %3 WORDS
PROGRAMMER INFORMATION: LOCATION KEY = %4

3008.3 *** USER WARNING MESSAGE 3008 (UDSFB)
INSUFFICIENT MEMORY TO PERFORM FBS METHOD S3. THIS MAY LEAD TO POOR PERFORMANCE IN THE MCE1 MODULE
FOR BETTER PERFORMANCE INCREASE MEMORY BY%1 WORDS

3008.4 *** USER INFORMATION MESSAGE 3008 (SSM10D)
INSUFFICIENT MEMORY TO COMPUTE ERROR RATIOS.
USER ACTION: SUPPLY AN ADDITIONAL %1 WORDS OF MEMORY IF EPSILON CHECKING IS DESIRED.

3008.5 *** SYSTEM FATAL MESSAGE 3008 (SK11RD)
ITERATIVE SOLVER IN STATICS MODULE: ONLY %1 COLUMNS OF THE MATRIX FIT IN MEMORY.
CURRENTLY THERE IS NO SPILL LOGIC FOR THE ITERATIVE SOLVER INSIDE THE STATICS MODULE.
USER ACTION: INCREASE MEMORY OR USE THE DIRECT METHOD.

3008.6 *** SYSTEM FATAL MESSAGE 3008 (SEPCAG)
INSUFFICIENT MEMORY FOR MAIN BULK BASIC GEOMETRY.

3008.7 *** SYSTEM FATAL MESSAGE 3008 (SEPCAG)
INSUFFICIENT MEMORY FOR SUPERELEMENT %1 BASIC

GEOMETRY.

3008.9 *** SYSTEM FATAL MESSAGE 3008
INSUFFICIENT MEMORY FOR UNROLLED DESCRIPTOR.

3008.10 *** SYSTEM FATAL MESSAGE 3008
INSUFFICIENT DYNAMIC MEMORY.

3008.13 *** SYSTEM FATAL MESSAGE 3008
INSUFFICIENT MEMORY AT ROW %1.

3008.20 *** SYSTEM FATAL MESSAGE 3008 (IFPDRV)
NO OPEN CORE FOR IFP MODULE.

3008.21 *** SYSTEM FATAL MESSAGE 3008 (IFP4)
INSUFFICIENT MEMORY TO PERFORM OPERATIONS REQUIRED AS A RESULT OF FREEPT OR PRESPT ENTRIES.

3008.22 *** SYSTEM FATAL MESSAGE 3008 (IFP4)
INSUFFICIENT MEMORY TO BUILD FREE SURFACE LIST TABLE.

3008.23 *** SYSTEM FATAL MESSAGE 3008 (IFP4)
INSUFFICIENT MEMORY TO HOLD RINGFL ENTRIES.

3008.24 *** SYSTEM FATAL MESSAGE 3008 (IFP4)
INSUFFICIENT MEMORY TO BUILD BOUNDARY LIST TABLE.

3008.25 *** SYSTEM FATAL MESSAGE 3008 (IFP4)
INSUFFICIENT MEMORY =%1 TO HOLD GRIDB ENTRIES.

3008.26 *** SYSTEM FATAL MESSAGE 3008 (IFP4)
INSUFFICIENT CORE =%1 TO READ DATA ON AXIF ENTRY.

3008.27 *** USER FATAL MESSAGE 3008. (DRMH3E)
INSUFFICIENT MEMORY FOR TIME POINT LABELS, %1 WORDS ADDITIONAL MEMORY NEEDED.

3008.28 *** USER FATAL MESSAGE 3008.
INSUFFICIENT MEMORY FOR FREQUENCIES, %1 WORDS ADDITIONAL MEMORY NEEDED.

3008.30 *** USER INFORMATION MESSAGE 3008. (DRMH3A)
INSUFFICIENT MEMORY FOR TIME POINTS, %1 READ UNKNOWN AMOUNT OF ADDITIONAL MEMORY NEEDED DRMH3 ABORTING.

3008.31 *** USER INFORMATION MESSAGE 3008. (DRMH3A)
INSUFFICIENT MEMORY FOR FREQUENCIES, %1 READ UNKNOWN AMOUNT OF ADDITIONAL MEMORY NEEDED DRMH3 ABORTING.

3008.32 *** USER INFORMATION MESSAGE 3008. (DRMH3A)
INSUFFICIENT MEMORY TO STORE COLUMN LABELS ADDITIONAL %1 WORDS NEEDED.

3008.33 *** USER INFORMATION MESSAGE 3008. (DRMH3A)
INSUFFICIENT MEMORY FOR LAMA, %1 MODES READ;
%2 * (REMAINING MODES) WORDS OF ADDITIONAL MEMORY NEEDED; DRMH3 ABORTING

3008.34 *** USER INFORMATION MESSAGE 3008. (DRMH3)
INSUFFICIENT MEMORY FOR CASE CONTROL RECORD,
ADDITIONAL %1 WORDS NEEDED; DRMH3 ABORTED

3008.35 *** USER INFORMATION MESSAGE 3008. (DRMH3)
INSUFFICIENT MEMORY, ADDITIONAL %1 WORDS ARE NEEDED.

3008.36 *** SYSTEM FATAL MESSAGE 3008 (AELOOP)
INSUFFICIENT CORE AVAILABLE FOR SUBROUTINE AELOOP.

3008.37 *** USER FATAL MESSAGE 3008 (HOUSE)
INSUFFICIENT MEMORY TO HOLD ONE COLUMN OF THE MATRIX
IN HOUSEHOLDER TRIDIAGONALIZATION.

3008.38 ***SYSTEM FATAL MESSAGE 3008 (PXMLOC)
PID%1 UNABLE TO ACQUIRE SPACE OF%2 WORDS.
USER INFORMATION: INCREASE MEMORY AVAILABLE TO JOB.

3008.39 *** SYSTEM INFORMATION MESSAGE 3008 (SDRVP)
NOT ENOUGH MEMORY FOR COMPUTING OPTIMIZED
COMMUNICATION PATTERN. SWITCHED TO REGULAR PATTERN.
USER ACTION: ADD A MINIMUM OF %1 ADDITIONAL WORDS IF
AN OPTIMIZED PATTERN IS DESIRED.

3008.40 *** SYSTEM INFORMATION MESSAGE 3008 (SITDRV)
INSUFFICIENT CORE TO COMPUTE RIC PRECONDITIONER.
USER ACTION: INCREASE MEMORY BY AT LEAST %1 WORDS.

3008.41 *** SYSTEM INFORMATION MESSAGE 3008 (SITDRV)
INSUFFICIENT CORE TO KEEP RIC PRECONDITIONER IN MEMORY.
USER ACTION: INCREASE MEMORY BY AT LEAST %1 WORDS.

3008.42 *** SYSTEM INFORMATION MESSAGE 3008
INSUFFICIENT CORE FOR CHOLESKY FACTORIZATION.
USER ACTION: INCREASE CORE BY %1 WORDS.
SWITCHED TO JACOBI PRECONDITIONER.

3008.43 *** SYSTEM INFORMATION MESSAGE 3008 (BGCASO)
INSUFFICIENT CORE IS AVAILABLE FOR BUILDING CONTACT
MASTER SET.

3008.44 *** SYSTEM INFORMATION MESSAGE 3008 (BGCAU1)
INSUFFICIENT CORE IS AVAILABLE TO PROCESS CONTACT
REGION OUTPUT REQUEST.

3008.45 *** SYSTEM FATAL MESSAGE 3008 (BGCONR)
INSUFFICIENT CORE IS AVAILABLE FOR READING %1 RECORD.

3008.47 *** SYSTEM FATAL MESSAGE 3008 (BGLSCW)
INSUFFICIENT CORE IS AVAILABLE FOR READING BLSEG SLAVE
AND MASTER RECORDS.

3008.48 *** SYSTEM FATAL MESSAGE 3008 (BGPECT)
INSUFFICIENT CORE TO ACCOMMODATE BGPECT RECORD.

3008.50 *** SYSTEM FATAL MESSAGE 3008 (BGTPEN)

INSUFFICIENT CORE TO BUILD BTOPO AND ESTNL RECORDS.

3008.51 *** USER FATAL MESSAGE 3008 (IFP5)
INSUFFICIENT MEMORY TO HOLD ALL GRIDS ENTRIES.

3008.52 *** USER FATAL MESSAGE 3008 (IFP5)
INSUFFICIENT MEMORY TO HOLD ALL GRIDF ENTRIES.

3008.53 *** USER FATAL MESSAGE 3008 (IFP5)
INSUFFICIENT MEMORY TO HOLD ALL GRIDF ENTRIES BEING CREATED INTERNALLY DUE TO GRIDS ENTRIES SPECIFYING AN IDF.

3008.54 *** USER FATAL MESSAGE 3008 (IFP5)
INSUFFICIENT MEMORY TO CONSTRUCT ENTIRE BOUNDARY TABLE FOR SLBDY ENTRIES PRESENT.

3008.55 *** USER FATAL MESSAGE 3008 (BGUPEN)
INSUFFICIENT CORE IS AVAILABLE.

3008.56 *** USER FATAL MESSAGE 3008 (SEQMRP)
INSUFFICIENT SPACE IN MEMORY TO CREATE %1 RECORD IN SCRATCH FILE RBESCR.
PROGRAMMER INFORMATION: NUMBER OF WORDS TO BE STORED IN THIS RECORD OF RBESCR: %2.
NUMBER OF WORDS AVAILABLE IN SCRATCH ARRAY: %3.
USER INFORMATION: THIS MODEL CANNOT BE ANALYSED USING THE DOMAIN DECOMPOSITION METHOD.
USER ACTION: PLEASE SUBMIT THE JOB IN SERIAL MODE (DO NOT SET DMP ON THE SUBMITTAL LINE).

3008.57 *** USER INFORMATION MESSAGE 3008 (OUTPRT)
INSUFFICIENT MEMORY WAS AVAILABLE TO PROCESS THE OUTPUT REQUESTS.
USER INFORMATION: MORE ECONOMICAL DATA RECOVERY MAY BE POSSIBLE IF ADDITIONAL MEMORY IS PROVIDED.

3008.58 *** SYSTEM WARNING MESSAGE 3008.58 (LDNSSEL)
NOT ENOUGH MEMORY AVAILABLE TO LOAD NSERVER_SELECT CLAUSE(S).
REQUESTED I= %1 WORDS
USER INFORMATION: CLAUSE(S) WILL BE IGNORED.
USER ACTION: INCREASE MEMORY OR REDUCE NUMBER OF NSERVER_SELECT CLAUSE(S)

3008.59 *** SYSTEM WARNING MESSAGE 3008.59 (NSSELWH)
INSUFFICIENT MEMORY WHILE WORKING ON NSERVER_SELECT WHERE CLAUSE STARTING WITH
%1
MEMORY USED = %2.
USER INFORMATION: WHERE CLAUSE IS IGNORED.
USER ACTION: INCREASE MEMORY SIZE OR REDUCE

NSERVER_SELECT STATEMENT.

3008.61 *** SYSTEM WARNING MESSAGE 3008 (IFPINDX)
INSUFFICIENT MEMORY TO BUILD INDEX
ADDITIONAL MEMORY REQUIRED: %1 MW.
USER INFORMATION: %2 NOT INDEXED
USER ACTION: INCREASE MEMORY IF THIS FILE NEEDS TO BE INDEXED

3008.62 *** USER WARNING MESSAGE 3008. (RMXAVGM)
INSUFFICIENT MEMORY FOR RMAXMIN CALCULATIONS, ADDITIONAL %1 WORDS ARE NEEDED.
RMAXMIN WILL INSTEAD BE CALCULATED USING SCRATCH DISK FILES. THIS MAY
SIGNIFICANTLY INCREASE DISK USAGE AND COMPUTATION TIME.

3009.0 DATA TRANSMISSION ERROR ON DATA BLOCK %1(FILE %2)

3010.0 ATTEMPT TO MANIPULATE DATA BLOCK %1(FILE %2) BEFORE OPENING THE FILE

3011.0 ATTEMPT TO WRITE A TRAILER ON FILE %1 WHEN IT HAS BEEN PURGED
System information:
The file did not exist in the FIST when WRTTRL was called.

3012.0 ATTEMPT TO OPEN DATA BLOCK %1(FILE %2) WHICH HAS ALREADY BEEN OPENED

3013.0 ATTEMPT TO READ DATA BLOCK %1(FILE %2) WHEN IT WAS OPENED FOR OUTPUT

3014.0 ATTEMPT TO WRITE DATA BLOCK %1(FILE %2) WHEN IT WAS OPENED FOR INPUT

3015.0 ATTEMPT TO FWDREC ON DATA BLOCK %1(FILE %2) WHEN IT WAS OPENED FOR OUTPUT

3016.0 %1 MATRIX IS NOT IN PROPER FORM IN SUBROUTINE %2
System information:
This implies that the input matrix is not in the proper form of type acceptable to the subroutine. Check the trailer information on the matrix and the subroutine description for the discrepancy.

3017.0 NO MESSAGE FOR MESSAGE NO. = %1
PARAMETERS =%2

3018.0 MODULE %1, SEQUENCE NO.%2, REQUIREMENTS EXCEED AVAILABLE FILES
System information:
Segment File Allocator (SFA) did not have sufficient logical files available to fill the request of the module. Reduce module requirements or increase the logical files within the computer system. See Section 5

of the NX NASTRAN Programmer's Manual.

3019.0 MAXIMUM LINE COUNT EXCEEDED IN SUBROUTINE %1 LINE COUNT EQUALS %2
User information:
The total number of lines written on the system output file has exceeded the set limit. To increase this value, specify the MAXLINES=n command in the Case Control Section.

3020.0 GNFIST OVERFLOWED FIST TABLE AT SEQUENCE NO.%1DATASET %2

3021.0 FILE%1 NOT DEFINED IN FIST

3023.0 *** USER INFORMATION MESSAGE 3023 (originally 3028??)
B =%1 C =%2 R =%3

3024.0 THE BANDWIDTH OF MATRIX %1 EXCEEDS THE MAXIMUM BANDWIDTH. A MAXIMUM BANDWIDTH OF %2 WILL BE USED

3025.0 ILLEGAL INDEX IN ACTIVE ROW OR COLUMN CALCULATION IN %1

3026.0 MATRIX %1 EXCEEDS MAXIMUM ALLOWABLE SIZE FOR BAND WIDTH PLUS ACTIVE COLUMNS. BMAX = %2 CMAX = %3

3028.0 *** USER INFORMATION MESSAGE 3028,
BBAR =%1 CBAR =%2 R = %3

3028.1 *** USER INFORMATION MESSAGE 3028,
B =%1 C =%2 R =%3

3029.0 *** SYSTEM FATAL MESSAGE 3029,
PHYSICAL EOF ENCOUNTERED ON DATA BLOCK %1 (FILE %2).

3030.0 *** SYSTEM WARNING MESSAGE 3030 (OFP)
THE OFP MODULE CANNOT PRINT THE DATABLOCK %1
USER ACTION: USE THE MATPRN OR TABPT MODULE.
PROGRAMMER INFORMATION: OFP LOC CODE = %2 FILE =%3

3030.1 *** USER WARNING MESSAGE 3030,
MACOFP UNABLE TO PROCESS DATA BLOCK, ALTER IN A TABLE PRINT TO SEE DATA
MACOFP LOC CODE = %1
User information:
The format of the file is unrecognized. This may be caused by an output request for an element for which formats are not defined.

3031.0 INVALID PARAMETER DEFINITION(S) IN SUBROUTINE (%1).
User information:
One or more parameters have been mis-defined. Please refer to the DMAP Programmer's Guide.

3032.0 UNABLE TO FIND SELECTED SET (%1) IN TABLE (%2) IN SUBROUTINE (%3).
User information:

A particular set used in the problem was not included in the data.
Good examples are loads, initial conditions, or frequency sets.
Include the required data or change the Case Control commands to select data already in the problem. Set zero (0) has a special meaning.
A set selection was required, but none was made. For example, no METHOD was selected for an eigenvalue extraction problem, or no FREQ was selected for frequency response.
This message can also indicate that a LOAD entry references another LOAD entry, which is not permitted. This message can also occur if a DLOAD entry references a nonexisting LOAD entry, e.g., RLOAD1.

3032.1 *** USER WARNING MESSAGE 3032 (LCGEN)
SELECTED LSEQ ENTRY %1 REFERENCES UNDEFINED %2 SET ID %3

3032.2 *** USER WARNING MESSAGE 3032 (LCGEN)
SELECTED LSEQ ENTRY %1 DOES NOT REFERENCE DAREA SET ID %2
SPECIFIED ON A RLOAD1/RLOAD2/TLOAD1/TLOAD2/ACSRCE ENTRY

3032.3 *** USER WARNING MESSAGE 3032 (LCGEN)
THE EXCITE ID NUMBER %1 FOUND IN THE SELECTED LSEQ ID %2 IS NOT REFERRED TO BY ANY
RLOAD1/RLOAD2/TLOAD1/TLOAD2/ACSRCE ENTRIES

3033.0 *** USER FATAL MESSAGE 3033,
SUBCASE ID%1 IS REFERENCED ON ONE OR MORE RANDPS CARDS
BUT IS NOT A CURRENT SUBCASE ID.
User information:
The RANDPS set selected can only reference subcase identification numbers included in the current loop. All subcases in which the direct input matrices or transfer functions do not change are run together. Either add a subcase with referenced identification number, change your RANDPS entries, or change the identification numbers on your current subcases.

3034.0 ORTHOGONALITY CHECK FAILED, LARGEST TERM = %1, EPSILON = %2

3034.1 *** USER WARNING MESSAGE 3034,
ORTHOGONALITY TEST FAILED. LARGEST TERM = %1 ,NUMBER FAILED = %2
PAIR = %3,%4 , EPSILON = %5
User information:
This indicates that eigenvector accuracy is in doubt. This message is printed only when the off-diagonal terms of the modal mass matrix are larger than 1.0E-10. The eigenvectors are not orthogonal to this extent. This nonorthogonality is especially important if a modal

formulation is used. The pair of eigenvectors listed exhibit the worst behavior. The number failed is the number of pairs above the criteria.
You can improve the numerical conditioning of the problem by reducing the range of mass ratios, stiffness ratios, and eigenvalue range.

3034.2 *** SYSTEM FATAL MESSAGE 3034 (LNNHERR)
INTERNAL FAILURE IN THE LANCZOS PROCEDURE:
M-ORTHOGONAL QR PROCEDURE FAILED TO CONVERGE.
PROBABLE CAUSE:
MASS MATRIX IS INDEFINITE (MODES) OR STIFFNESS MATRIX IS INDEFINITE (BUCKLING).
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

3035.0 FOR SUBCASE NUMBER %1 EPSILON SUB E =%2

3035.1 *** USER INFORMATION MESSAGE 3035
FOR DATA BLOCK %1
SUPPORT PT.NO. EPSILON STRAIN ENERGY EPSILONS LARGER THAN %2 ARE FLAGGED WITH ASTERISKS
User information:
One line of output is printed for each component referenced on the SUPORT and SUPORT1 entries. Large values of either EPSILON or STRAIN
ENERGY indicate errors in the constraints.

3035.2 THE VALUES OF EPSILON AND STRAIN ENERGY SHOULD BE NUMERICAL ZERO. THE LARGE VALUES INDICATE
THAT THE SUPORT DEGREES OF FREEDOM ARE NOT PROPERLY SPECIFIED AS TO BE CAPABLE OF SUPPORTING
RIGID BODY MOTION. SET SYSTEM CELL 505 TO 1 TO OVERRIDE FTL MESSAGE.

3036.0 DATA BLOCK %1 IS REQUIRED AS INPUT BUT HAS NOT BEEN GENERATED OR PURGED

3037.0 JOB TERMINATED IN SUBROUTINE %1
System information:
This message designates the subroutine in which the program terminated. It should be preceded by a user message which explains the cause of the termination. The module in which the program terminated can be found by examining the log messages.

3038.0 DATA BLOCK %1 DOES NOT HAVE MULTI-REEL CAPABILITY

3039.0 *** SYSTEM FATAL MESSAGE 3039,
ENDSYS CANNOT FIND SAVE FILE.

3040.0 ATTEMPT TO WRITE DATA BLOCK %1(FILE %2) WHEN IT IS AN INPUT FILE
System information:
Input data blocks for a module (FILE NO. 101-199) may be read only.

3041.0 EXTERNAL GRID POINT %1 DOES NOT EXIST OR IS NOT A GEOMETRIC GRID POINT.
THE BASIC ORIGIN WILL BE USED.
User information:
The reference grid point specified on the PARAM, GRDPNT entry for weight and balance calculations in GPWG cannot be used.
GPWG cannot be used.
Possible causes include:
1. The referenced grid point does not exist.
2. In superelement analysis, if the referenced grid point is not either interior or exterior to the current superelement, this message is issued. If it is desired to use the listed grid point as a reference, then a CSUPEXT entry should be used to make it exterior to the superelement.

3042.0 INCONSISTENT SCALAR MASSES HAVE BEEN USED.
EPSILON/DELTA = %1
User information:
The GPWG has detected inconsistent scalar masses. Direct masses have been used. Skew inertia's will result. Examine the scalar masses and CONM1 entry.

3043.0 UNCONNECTED EXTRA POINT (MODAL COORDINATE =%1) HAS BEEN DETECTED BY SUBROUTINE %2
User information:
Extra points must be connected via Direct Matrix Input (or Transfer Functions) in modal transient or frequency response.

3044.0 A POINT ON NON-LINEAR LOAD SET %1 NOLIN%2 IS NOT AN EXTRA POINT.
ONLY EXTRA POINTS MAY HAVE NON-LINEAR LOADS IN A MODAL FORMULATION.
User information:
Modal transient analysis will support nonlinear loads only on extra points. Pick another nonlinear load Set.

3045.0 *** USER WARNING MESSAGE 3045,
INSUFFICIENT TIME TO COMPLETE THE REMAINING %1 SOLUTION(S) IN MODULE %4
USER INFORMATION: TIME ESTIMATE TO COMPLETE: %2 SECONDS
TIME REMAINING %3 SECONDS
User information:
The estimated time for completion of the module is less than the time remaining, as specified on the Executive Control TIME statement. The module and computes one solution (for example, one excitation frequency in frequency response analysis) and then processes all output requests. The remaining frequencies can be obtained on restart by adding or changing a FREQ command.

3046.0 *** USER FATAL MESSAGE 3046 (TRD1)
THIS TRANSIENT RESPONSE ANALYSIS HAS NO EXCITATION SPECIFIED FOR IT.
APPLIED LOADS, ENFORCED MOTION, INITIAL CONDITION AND NON-LINEAR FORCES ARE ALL NULL.
THE RESULT WILL THEREFORE BE A ZERO SOLUTION.
User information:
Transient response solutions must have one of the above nonzero. Also, make sure that LOADSET is spelled correctly, in its entirety.

3046.1 *** USER FATAL MESSAGE 3046 (SQFREQ/DPFREQ/CYCL4A)
THIS FREQUENCY RESPONSE ANALYSIS HAS NO EXCITATION SPECIFIED FOR IT.
APPLIED LOADS AND ENFORCED MOTION ARE BOTH NULL.
THE RESULT WILL THEREFORE BE A ZERO SOLUTION.
User information:
Frequency response solutions must have one of the above nonzero. Also, make
sure that LOADSET is spelled correctly, in its entirety.

3046.2 *** USER INFORMATION MESSAGE 3046 (SQFREQ)
THE FREQUENCY RESPONSE ANALYSIS ON THIS NODE HAS NO EXCITATION SPECIFIED.
THIS MESSAGE MAY RESULT IF THERE ARE FEWER FREQUENCIES SPECIFIED
THAN THE NUMBER OF PROCESSORS.
FOR MOST EFFICIENT DMP PERFORMANCE, THE NUMBER OF FREQUENCIES SHOULD
BE EQUAL TO OR GREATER THAN THE NUMBER OF PROCESSORS.

3047.0 *** USER FATAL MESSAGE 3047,
NO MODES WITHIN RANGE AND LMODES = 0. A MODAL FORMULATION CANNOT BE MADE.
User information:
The modes used for a modal formulation must be selected by a PARAM entry.
Set LFREQ, HFREQ, or LMODES to request modes.

3048.0 *** SYSTEM FATAL MESSAGE 3048,
BUFFER CONTROL WORD INCORRECT FOR GINO %1 OPERATION ON DATA BLOCK %2

3049.0 *** SYSTEM FATAL MESSAGE 3049,
GINO UNABLE TO POSITION DATA BLOCK %1 CORRECTLY DURING %2 OPERATION.

3050.0 *** USER FATAL MESSAGE 3050,
INSUFFICIENT TIME REMAINING FOR %1. TIME ESTIMATE IS %2 SECONDS.
User information:

The time estimate for execution of the named subroutine exceeds the time remaining as specified on the TIME statement.

3050.1 *** USER FATAL MESSAGE 3050 (DFMSA)
INSUFFICIENT TIME REMAINING FOR SPARSE MATRIX DECOMPOSITION

3051.0 *** USER FATAL MESSAGE 3051,
INITIAL CONDITION SET %1 WAS SELECTED FOR A MODAL TRANSIENT PROBLEM.
INITIAL CONDITIONS ARE NOT ALLOWED IN SUCH A PROBLEM.
User information:
The IC command is not allowed for modal transient response problems.

3052.0 *** USER WARNING MESSAGE 3052,
A RANDOM REQUEST FOR CURVE TYPE - %1 -, POINT - %2 COMPONENT - %3 -, SPECIFIES TOO LARGE A COMPONENT ID. THE LAST COMPONENT WILL BE USED.
User information:
Check Item Codes in QRG for componet order.

3053.0 *** USER WARNING MESSAGE 3053,
THE ACCURACY OF EIGENVALUE %1 IS IN DOUBT. GIV/HOU QR FAILED TO CONVERGE IN %2 ITER.
User information:
Each eigenvalue is computed to the precision limits of each machine consistent with the maximum number of iterations allowed.

3055.0 AN ATTEMPT TO MULTIPLY OR MULTIPLY AND ADD NON-CONFORMABLE MATRICES TOGETHER WAS MADE IN MODULE %1
User information:
The multiply/add subroutine requires conformable matrices. There are two possible equations
1. X = A * B + C The number of columns of [A] must be equal to the number of rows of [B] the number of columns of [C] be equal to the number of columns of [B] and the number of rows of [C] must be equal to the number of rows of [A].
2. X = A(T) *B + C The number of rows of [A] must be equal to the number of rows of [B] the number of columns of [C] must be equal to the number of columns of [B] and the number of rows of [C] must be equal to the number of columns of [A].
One cause of this is if the model in a cyclic symmetry analysis contains MPCs and only the zero harmonic is requested. This can be avoided by requesting an additional harmonic.

3056.0 NO MASS MATRIX IS PRESENT BUT MASS DATA IS REQUIRED

3057.0 MATRIX %1 IS NOT POSITIVE DEFINITE.

User information:
A Cholesky decomposition was attempted on the above matrix, but a diagonal term of the factor was imaginary or equal to zero such that the decomposition failed. This message is from the regular (as opposed to sparse) decomposition method.
This message may be produced because of constraint problems. Check the output for UWM 4698 for large factor diagonal ratios and constrain appropriately.

3058.0 EPSILON IS LARGER THAN %1 FOR SUBCASE %2

3059.0 SET IDENTIFIER %1 DOES NOT EXIST. ERROR DETECTED IN SUBROUTINE %2
User information:
When describing displacement matrices only those set identifiers (such as M or G) listed in DMAP module MATGPR are legal set names. Choose a set name which is legal (and describes the matrices to be operated on).

3059.1 NEW SET IDENTIFIER %1 IN DEFUSET IS NOT UNIQUE. ERROR DETECTED IN SUBROUTINE %2
User information:
When Using new set names, these must be unique with respect to all other set names.

3060.0 *** USER FATAL MESSAGE 3060,
SUBROUTINE %1 - OPTION %2 NOT IN APPROVED LIST.
SYSTEM DATE (MM/DD/YY): %3/%4/%5
SYSTEM UGSID: %6 (DECIMAL) %7 (HEXADECIMAL) SYSTEM MODEL NUMBER: %8 SYSTEM OS CODE: %9
REFER TO THE NX NASTRAN LOG FILE FOR DETAILED INFORMATION
User information:
This option is not authorized for your authorization code. Contact SIEMENS PLM SOFTWARE CUSTOMER SUPPORT for the list of options available at your site. This option can be easily enabled with a contractual change on your present system and a new authorization code.
There may be a problem with the file that contains the authorization code. Refer to the NX NASTRAN Installation and Operation Instructions for a description and use of the file.

3060.1 *** USER FATAL MESSAGE 3060
SUBROUTINE %1 - OPTION %2 NOT IN APPROVED LIST.
SYSTEM DATE (MM/DD/YY): %3/%4/%5
SYSTEM UGSID: %6 (DECIMAL) %7 (HEXADECIMAL) SYSTEM MODEL NUMBER: %8 SYSTEM OS CODE: %9
SYSTEM UGSID: %10 (DECIMAL) %11 (HEXADECIMAL) SYSTEM MODEL NUMBER: %12 SYSTEM OS CODE: %13
SYSTEM UGSID: %14 (DECIMAL) %15 (HEXADECIMAL) SYSTEM

MODEL NUMBER: %16 SYSTEM OS CODE: %17
SYSTEM UGSID: %18 (DECIMAL) %19 (HEXADECIMAL) SYSTEM
MODEL NUMBER: %20 SYSTEM OS CODE: %21
SYSTEM UGSID: %22 (DECIMAL) %23 (HEXADECIMAL) SYSTEM
MODEL NUMBER: %24 SYSTEM OS CODE: %25
SYSTEM UGSID: %26 (DECIMAL) %27 (HEXADECIMAL) SYSTEM
MODEL NUMBER: %28 SYSTEM OS CODE: %29
SYSTEM UGSID: %30 (DECIMAL) %31 (HEXADECIMAL) SYSTEM
MODEL NUMBER: %32 SYSTEM OS CODE: %33
SYSTEM UGSID: %34 (DECIMAL) %35 (HEXADECIMAL) SYSTEM
MODEL NUMBER: %36 SYSTEM OS CODE: %37
REFER TO THE NX NASTRAN LOG FILE FOR DETAILED INFORMATION
User information:
This option is not authorized for your authorization code. Contact SIEMENS PLM SOFTWARE CUSTOMER SUPPORT for the list of options available
at your site. This option can be easily enabled with a contractual change on your present system and a new authorization code.
There may be a problem with the file that contains the authorization code. Refer to the NX NASTRAN Installation and Operation Instructions for a description and use of the file.

3060.2 *** USER FATAL MESSAGE 3060 (MSGWRT)
- AUTHORIZATION ERROR ***
UNABLE TO OBTAIN LICENSES FOR %1
PLEASE REFER TO THE LOG FILE FOR ADDITIONAL DETAILS

3060.3 *** USER FATAL MESSAGE 3060,
SUBROUTINE %1 - OPTION %2 NOT IN APPROVED LIST.
SYSTEM DATE (MM/DD/YY): %3/%4/%5
CHECK THAT AN NX NASTRAN FOR WINDOWS DONGLE IS PROPERLY CONNECTED TO THIS COMPUTER
User information:
This option is not authorized for your authorization code. Contact SIEMENS PLM SOFTWARE CUSTOMER SUPPORT for the list of options available
at your site. This option can be easily enabled with a contractual change on your present system and a new authorization code.
There may be a problem with the file that contains the authorization code. Refer to the NX NASTRAN Installation and Operation Instructions for a description and use of the file.

3061.0 *** USER INFORMATION MESSAGE 3061 (DMK9NS)
THE MEASURE OF NON-PLANARITY IS %1 FOR ELEMENT NUMBER %2
User information:
The measure of non-planarity for isoparametric quadrilateral membrane

elements is the distance from actual grid points to mean plane divided by the average length of the diagonals. This message is issued only when the absolute value of this measure is greater than .01.

3071.0 *** SYSTEM WARNING MESSAGE 3071,
EXTRA DATA IN RADLST RECORD OF MATPOOL DATA BLOCK IGNORED.

3072.0 *** USER WARNING MESSAGE 3072,
TOO MANY MATRIX VALUES INPUT VIA RADMTX BULK DATA FOR COLUMN %1.
EXTRA VALUES IGNORED AS MATRIX SIZE IS DETERMINED TO BE OF SIZE %2 FROM RADLST COUNT OF ELEMENT ID-S.

3073.0 *** USER FATAL MESSAGE 3073,
NO -HBDY- ELEMENT SUMMARY DATA IS PRESENT FOR ELEMENT ID = %1
WHICH APPEARS ON A -RADLST- BULK DATA CARD.

3074.0 *** USER FATAL MESSAGE 3074 (SDRMG)
COLUMN %1 OF THE YSYM MATRIX IS NULL.

3079.0 *** USER FATAL MESSAGE 3079,
THERE ARE NO -HBDY- ELEMENTS PRESENT.

3080.0 *** USER FATAL MESSAGE 3080 (QLOADL)
QVECT TABLE INPUT NOT ALLOWED FOR STEADY STATE.

3081.0 *** SYSTEM WARNING MESSAGE 3081 (DFMSYA)
The size of the matrix to be decomposed is not equal to the size of the degree-of-freedom set.
Size od set ID %1 = %2.
Size of matrix = %3
USER INFORMATION: DECOMPOSITION PERFORMANCE MAY BE DEGRADED AND/OR MORE MEMORY MAY BE REQUIRED.

3081.1 *** SYSTEM FATAL MESSAGE 3081
INCONSISTENT USET DATA DETECTED.
System information:
Input matrices whose dimensions are inconsistent with the matrix sizes stored in the USET table have been detected. The usual cause is a restart that does not select the proper SE-type Case Control commands.
Try an SEALL=ALL restart

3094.0 *** SYSTEM FATAL MESSAGE 3094 (SSGSLT)
SLT LOAD TYPE %1 IS NOT RECOGNIZED.
System information:
A new load type was added to SLT but not to subroutine SSGSLT.

3094.1 *** USER FATAL MESSAGE 3094 (SSGSLT)
MULTIPLE ACCEL CARDS HAVE SAME ID

3095.0 *** USER WARNING MESSAGE 3095 (SSGSLT)
ALL ELEMENT TYPE %1, REFERENCED BY A QVOL CARD IN LOAD SET %2,
ARE NOT BEING USED FOR INTERNAL HEAT GENERATION IN THIS LOAD SET AS THIS ELEMENT TYPE IS CURRENTLY
NOT SUPPORTED IN THIS AREA.

3095.1 *** USER WARNING MESSAGE 3095 (SSGSLT)
ELEMENT TYPE %1 WITH ID =%2, REFERENCED BY A QVOL CARD IN LOAD SET %3,
IS NOT BEING USED FOR INTERNAL HEAT GENERATION IN THIS LOAD SET BECAUSE ANOTHER ELEMENT TYPE WITH THE SAME ID
HAS ALREADY BEEN PROCESSED.

3096.0 *** USER FATAL MESSAGE 3096 (SSGSLT)
ELEMENT ID =%1 AS REFERENCED ON A QVOL, QBDY1, QBDY2, QBDY3, OR QVECT ENTRY
COULD NOT BE FOUND AMONG ACCEPTABLE ELEMENTS FOR THAT LOAD TYPE.
User information:
QBDY1, QBDY2 or QVECT entries can only point to CHBDY elements. QVOL can only point to legal heat transfer elements. See the NX NASTRAN Thermal Analysis User's Guide for the list.

3097.0 *** USER WARNING MESSAGE 3097.
SYMMETRIC DECOMPOSITION OF DATA BLOCK %1 ABORTED DUE TO ABOVE MESSAGES AND USER OPTION.

3097.1 *** USER WARNING MESSAGE 3097.
SYMMETRIC DECOMPOSITION OF DATA BLOCK %1 ABORTED BECAUSE THE FOLLOWING COLUMN IS NULL--%2
User information:
The user can avoid this message by using the DECOMP=16 statement to continue with the zero column. (This is set by setting SYSTEM(69)=16 or via DMAP.) This puts 1.0 on the diagonal of the null column.
See the NX NASTRAN Numerical Methods User's Guide.

3097.2 *** USER WARNING MESSAGE 3097.
SYMMETRIC DECOMPOSITION OF DATA BLOCK %1HAS ZERO ON DIAGONAL AT COLUMN%2.
DECOMPOSITION ABORTED.

3097.3 *** USER WARNING MESSAGE 3097.
SYMMETRIC DECOMPOSITION LEADING MINOR OF DATA BLOCK %1 IS SINGULAR AT COLUMN%2.
DECOMPOSITION ABORTED.

3097.4 *** SYSTEM FATAL MESSAGE 3097.
PARALLEL DECOMPOSITION OF DATA BLOCK%1 ABORTED BECAUSE THE FOLLOWING COLUMN IS NULL %2

3097.5 *** SYSTEM FATAL MESSAGE 3097
PARALLEL DECOMPOSITION OF DATA BLOCK %1 HAS ZERO ON DIAGONAL AT COLUMN %2
DECOMPOSITION ABORTED

3097.6 *** USER WARNING MESSAGE 3097 (DFMSA)
COLUMN %1 HAS ZERO DIAGONAL TERM, DECOMPOSITION ABORTED ON USER REQUEST.

3097.7 *** USER WARNING MESSAGE 3097 (DFMSA)
COLUMN %1 IS NULL, DECOMPOSITION ABORTED ON USER REQUEST.

3097.8 *** USER WARNING MESSAGE 3097 (DFMSAP)
ZERO DIAGONAL TERMS ENCOUNTERED, DECOMPOSITION ABORTED ON USER REQUEST.

3097.9 *** SYSTEM FATAL MESSAGE 3097
PARALLEL DECOMPOSITION OF LEADING MINOR OF DATA BLOCK %1 IS SINGULAR AT COLUMN %2
DECOMPOSITION ABORTED

3097.10 *** SYSTEM INFORMATION MESSAGE 3097
PARALEL DECOMPOSITION OF DATA BLOCK %1 HAS ZERO DIAGONAL AT COLUMN %2

3097.11 *** SYSTEM FATAL MESSAGE 3097
PARALLEL DECOMPOSITION OF DATA BLOCK %1 ABORTED DUE TO ABOVE MESSAGES AND USER OPTION

3097.12 *** SYSTEM INFORMATION MESSAGE 3097
COLUMN %1 of DATA BLOCK %2 IS NULL.

3097.13 *** SYSTEM INFORMATION MESSAGE 3097
DATA BLOCK %1 HAS ZERO DIAGONAL TERM AT COLUMN%2

3097.14 *** SYSTEM INFORMATION MESSAGE 3097
PARTIAL DECOMPOSITION FAILED
USER ACTION : CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

3097.15 *** SYSTEM INFORMATION MESSAGE 3097
BOUNDARY DECOMPOSITION FAILED
USER ACTION : CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

3097.16 *** SYSTEM FATAL MESSAGE 3097
SPILL ACTIVATED IN SORT PHASE, BUT NPASS = %1
USER ACTION : CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

3097.17 *** SYSTEM FATAL MESSAGE 3097
NUMERIC PHASE RETURNED ERROR CODE %1
USER ACTION : CONTACT SIEMENS PLM SOFTWARE CUSTOMER

SUPPORT.

3098.0 *** USER WARNING MESSAGE 3098 (ROTCDA)
THERE IS NO DATA FOR ROTOR SPEED;
POST PROCESSING CANNOT BE DONE

3098.1 *** USER WARNING MESSAGE 3098 (ROTCDA)
THERE ARE NO REAL EIGENVALUES;
POST PROCESSING CANNOT BE DONE

3098.2 *** USER WARNING MESSAGE 3098 (ROTCDA)
THERE ARE NO IMAGINARY EIGENVALUES;
POST PROCESSING CANNOT BE DONE

3098.3 *** USER INFORMATION MESSAGE 3098 (ROTSSD)
THERE ARE NO REAL EIGENVALUES FOR SYNCHRONOUS ANALYSIS

3098.4 *** USER INFORMATION MESSAGE 3098 (ROTSSD)
NO WHIRL MATRIX IS PRESENT;
WHIRL DIRECTION CANNOT BE CALCULATED

3098.5 *** USER INFORMATION MESSAGE 3098 (ROTSSD)
THERE ARE NO IMAGINARY EIGENVALUES FOR SYNCHRONOUS ANALYSIS

3098.6 *** USER INFORMATION MESSAGE 3098 (ROTCDA)
NO WHIRL MATRIX WAS CALCULATED;
CAMPBELL DIAGRAM IS ESTABLISHED BUT WHIRL DIRECTION AND CONVERSION TO ROTATING SYSTEM CANNOT BE CALCULATED

3098.7 *** USER INFORMATION MESSAGE 3098 (ROTCDA)
NO WHIRL MATRIX WAS CALCULATED;
CAMPBELL DIAGRAM IS ESTABLISHED BUT WHIRL DIRECTION AND CONVERSION TO FIXED SYSTEM CANNOT BE CALCULATED

3099.0 *** USER WARNING MESSAGE 3098 (ROTCDA)
SELECTED COORDINATE SYSTEM %1 NOT FOUND

3100.1 *** USER FATAL MESSAGE 3100 (NXNADAMS)
ADAMS MNF TRANSFER HAS NOT BEEN INITIALIZED

3100.2 *** USER FATAL MESSAGE 3100 (NXNADAMS)
ERROR PROCESSING ELEMENT FACES FOR ADAMS MNF

3100.3 *** USER FATAL MESSAGE 3100 (NXNADAMS)
ERROR PROCESSING NODE GEOMETRY FOR ADAMS MNF

3100.4 *** USER FATAL MESSAGE 3100 (NXNADAMS)
ERROR PROCESSING NODAL MASS AND INERTIAS FOR ADAMS MNF
(POSSIBLY INSUFFICIENT MEMORY)

3100.5 *** USER FATAL MESSAGE 3100 (NXNADAMS)
ERROR PROCESSING GENERAL MATRIX DATA (I.E. MODAL

PARAMETERS)
FOR ADAMS MNF

3100.6 *** USER FATAL MESSAGE 3100 (NXNADAMS)
ERROR PROCESSING MODE SHAPE DATA FOR ADAMS MNF (POSSIBLY
INSUFFICIENT MEMORY)

3100.7 *** USER FATAL MESSAGE 3100 (NXNADAMS)
ERROR WRITING OUT ADAMS MODAL NEUTRAL FILE (MNF)

3100.8 *** USER FATAL MESSAGE 3100 (NXNADAMS)
INVALID UNITS ENTRIES FOR ADAMS MNF CREATION

3100.9 *** USER WARNING MESSAGE 3100 (NXNADAMS)
WARNING GENERATED FROM ADAMS MNF

3100.10 *** USER FATAL MESSAGE 3100 (NXNADAMS)
ERROR GENERATED FROM ADAMS MNF

3100.11 *** USER FATAL MESSAGE 3100 (NXNADAMS)
ERROR READING UNITS DATA BLOCK

3100.12 *** USER FATAL MESSAGE 3100 (NXNADAMS)
ERROR READING CASES DATA BLOCK

3100.13 *** USER FATAL MESSAGE 3100 (NXNADAMS)
ERROR PROCESSING MODAL STRESS DATA FOR ADAMS MNF (POSSIBLY
INSUFFICIENT MEMORY)

3100.14 *** USER FATAL MESSAGE 3100 (NXNADAMS)
ERROR PROCESSING MODAL STRAIN DATA FOR ADAMS MNF (POSSIBLY
INSUFFICIENT MEMORY)

3100.15 *** USER WARNING MESSAGE 3100 (NXNADAMS)
INVALID OUTPUT COORDINATE SYSTEM FOR SURFACE OR VOLUME - MUST BE ZERO.
THESE STRESSES/STRAINS WILL NOT BE WRITTEN TO THE MNF.

3100.16 *** USER FATAL MESSAGE 3100 (NXNADAMS)
THE SKETCH FILE UNIT NUMBER SPECIFIED FOR THE PSETID DESCRIBER HAS
NOT BEEN ASSIGNED. PLEASE
ASSIGN SKT='SKETCH_FILE_NAME' UNIT=UNIT_NUMBER.

3100.17 *** USER FATAL MESSAGE 3100 (NXNADAMS)
ERROR PROCESSING MASS INVARIANT DATA FOR ADAMS MNF (POSSIBLY
INSUFFICIENT MEMORY)

3100.18 *** USER INFORMATION MESSAGE 3100 (NXNADAMS)
GLOBAL MASS/INERTIA NOT PRESENT; PROPERTIES WILL BE GENERATED.

PARAM,GRDPNT,VALUE; WHERE VALUE>-1 WILL CAUSE THE GRID POINT
WEIGHT GENERATOR TO BE EXECUTED, PRODUCING THE GLOBAL MASS/INERTIA.

3101.0 *** USER WARNING MESSAGE 3101 (ROTCSD)
MORE THAN 30 INSTABILITIES FOUND.
CHECK THE RESULTS

3102.0 *** USER FATAL MESSAGE 3102 (ROTCZG)
NO SCALAR INDEX LIST PRESENT

3102.1 *** USER FATAL MESSAGE 3102 (ROTCZG)
NO GRID POINT TABLE PRESENT

3102.2 *** USER FATAL MESSAGE 3102 (ROTCZG)
NO MASS MATRIX PRESENT

3102.3 *** USER FATAL MESSAGE 3102 (ROTCZG)
NO COORDINATE DATA PRESENT

3102.4 *** USER FATAL MESSAGE 3102 (ROTURS)
INPUT TABLE NOT PRESENT;
UNIQUE ROTOR SPEEDS COULD NOT BE CALCULATED

3103.0 *** USER WARNING MESSAGE 3103,
EMGCOR OF EMG MODULE FINDS EITHER OF DATA BLOCKS%1 OR %2 ABSENT AND THUS
%3. MATRIX WILL NOT BE FORMED.

3103.1 *** USER WARNING MESSAGE 3103,
EMGCOR OF EMG MODULE FINDS DATA BLOCK %1 ABSENT AND THUS
WILL NOT BE FORMED.

3104.0 *** SYSTEM FATAL MESSAGE 3104,
EMGCOR FINDS EST (ASSUMED DATA BLOCK%1) MISSING.
EMG MODULE COMPUTATIONS THUSLY LIMITED.

3105.0 *** USER FATAL MESSAGE 3105 (ROTEDT)
INPUT TABLE MISSING FOR TABLE EDITOR

3106.0 *** USER FATAL MESSAGE 3106 (ROTEQD)
MORE THAN ONE ZERO ROTOR SPEED IN MODE TRACKING PROCESS

3107.1 *** USER FATAL MESSAGE 3107 (NXNRFI)
RECURDYN RFI TRANSFER HAS NOT BEEN INITIALIZED

3107.2 *** USER FATAL MESSAGE 3107 (NXNRFI)
ERROR PROCESSING ELEMENT FACES FOR RECURDYN RFI

3107.3 *** USER FATAL MESSAGE 3107 (NXNRFI)
ERROR PROCESSING NODE GEOMETRY FOR RECURDYN RFI

3107.4 *** USER FATAL MESSAGE 3107 (NXNRFI)

ERROR PROCESSING NODAL MASS AND INERTIAS FOR
RECURDYN RFI
(POSSIBLY INSUFFICIENT MEMORY)

3107.5 *** USER FATAL MESSAGE 3107 (NXNRFI)
ERROR PROCESSING GENERAL MATRIX DATA (I.E. MODAL
PARAMETERS)
FOR RECURDYN RFI

3107.6 *** USER FATAL MESSAGE 3107 (NXNRFI)
ERROR PROCESSING MODE SHAPE DATA FOR RECURDYN RFI
(POSSIBLY
INSUFFICIENT MEMORY)

3107.7 *** USER FATAL MESSAGE 3107 (NXNRFI)
ERROR WRITING OUT RECURDYN FLEX INPUT (RFI) FILE

3107.8 *** USER FATAL MESSAGE 3107 (NXNRFI)
INVALID UNITS ENTRIES FOR RECURDYN RFI CREATION

3107.9 *** USER WARNING MESSAGE 3107 (NXNRFI)
WARNING GENERATED FROM RECURDYN RFI

3107.10 *** USER FATAL MESSAGE 3107 (NXNRFI)
ERROR GENERATED FROM RECURDYN RFI

3107.11 *** USER FATAL MESSAGE 3107 (NXNRFI)
ERROR READING UNITS DATA BLOCK

3107.12 *** USER FATAL MESSAGE 3107 (NXNRFI)
ERROR READING CASES DATA BLOCK

3107.13 *** USER FATAL MESSAGE 3107 (NXNRFI)
ERROR PROCESSING MODAL STRESS DATA FOR RECURDYN RFI
(POSSIBLY
INSUFFICIENT MEMORY)

3107.14 *** USER FATAL MESSAGE 3107 (NXNRFI)
ERROR PROCESSING MODAL STRAIN DATA FOR RECURDYN RFI
(POSSIBLY
INSUFFICIENT MEMORY)

3107.15 *** USER WARNING MESSAGE 3107 (NXNRFI)
INVALID OUTPUT COORDINATE SYSTEM FOR SURFACE OR
VOLUME - MUST BE ZERO.
THESE STRESSES/STRAINS WILL NOT BE WRITTEN TO THE RFI.

3107.16 *** USER FATAL MESSAGE 3107 (NXNRFI)
ERROR PROCESSING MASS INVARIANT DATA FOR RECURDYN RFI
(POSSIBLY
INSUFFICIENT MEMORY)

3107.17 *** USER INFORMATION MESSAGE 3107 (NXNRFI)
GLOBAL MASS/INERTIA NOT PRESENT; PROPERTIES WILL BE
GENERATED.

PARAM,GRDPNT,VALUE; WHERE VALUE>-1 WILL CAUSE THE GRID POINT
WEIGHT GENERATOR TO BE EXECUTED, PRODUCING THE GLOBAL MASS/INERTIA.

3108.0 *** USER FATAL MESSAGE 3108 (ROTWHD)
THERE ARE NO REAL EIGENVECTORS;
WHIRL DIRECTION CANNOT BE CALCULATED

3108.1 *** USER FATAL MESSAGE 3108 (ROTWHD)
THERE ARE NO IMEGINARY EIGENVECTORS;
WHIRL DIRECTION CANNOT BE CALCULATED

3109.0 *** USER FATAL MESSAGE 3109 (LCGEN)
ROTORD %1 REFERENCED BY RMETHOD CASE CONTROL NOT FOUND

3110.1 *** USER FATAL MESSAGE 3110 (NXNMATLB)
MATLAB SCRIPT FILE TRANSFER HAS NOT BEEN INITIALIZED

3110.2 *** USER FATAL MESSAGE 3110 (NXNMATLB)
ERROR PROCESSING GENERAL MATRIX DATA (I.E. MODAL PARAMETERS)
FOR MATLAB SCRIPT FILE

3110.3 *** USER FATAL MESSAGE 3110 (NXNMATLB)
ERROR PROCESSING MODE SHAPE MATRIX FOR MATLAB SCRIPT FILE
(POSSIBLY INSUFFICIENT MEMORY)

3110.4 *** USER FATAL MESSAGE 3110 (NXNMATLB)
ERROR PROCESSING STATE SPACE MATRICES FOR MATLAB SCRIPT FILE
(POSSIBLY INSUFFICIENT MEMORY)

3110.5 *** USER FATAL MESSAGE 3110 (NXNMATLB)
ERROR PROCESSING STATE SPACE DOF VECTORS FOR MATLAB SCRIPT FILE
(POSSIBLY INSUFFICIENT MEMORY)

3111.1 *** USER FATAL MESSAGE 3111 (NXNSMPK)
SIMPACK FBI TRANSFER HAS NOT BEEN INITIALIZED

3111.2 *** USER FATAL MESSAGE 3111 (NXNSMPK)
ERROR PROCESSING ELEMENT FACES FOR SIMPACK FBI

3111.3 *** USER FATAL MESSAGE 3111 (NXNSMPK)
ERROR PROCESSING NODE GEOMETRY FOR SIMPACK FBI

3111.4 *** USER FATAL MESSAGE 3111 (NXNSMPK)
ERROR PROCESSING NODAL MASS AND INERTIAS FOR SIMPACK FBI
(POSSIBLY INSUFFICIENT MEMORY)

3111.5 *** USER FATAL MESSAGE 3111 (NXNSMPK)

ERROR PROCESSING GENERAL MATRIX DATA (I.E. MODAL PARAMETERS)
FOR SIMPACK FBI

3111.6 *** USER FATAL MESSAGE 3111 (NXNSMPK)
ERROR PROCESSING MODE SHAPE DATA FOR SIMPACK FBI (POSSIBLY
INSUFFICIENT MEMORY)

3111.7 *** USER FATAL MESSAGE 3111 (NXNSMPK)
ERROR WRITING OUT SIMPACK FLEXIBLE BODY INPUT (FBI) FILE

3111.8 *** USER FATAL MESSAGE 3111 (NXNSMPK)
INVALID UNITS ENTRIES FOR SIMPACK FBI CREATION

3111.9 *** USER WARNING MESSAGE 3111 (NXNSMPK)
WARNING GENERATED FROM SIMPACK FBI

3111.10 *** USER FATAL MESSAGE 3111 (NXNSMPK)
ERROR GENERATED FROM SIMPACK FBI

3111.11 *** USER FATAL MESSAGE 3111 (NXNSMPK)
ERROR READING UNITS DATA BLOCK

3111.12 *** USER FATAL MESSAGE 3111 (NXNSMPK)
ERROR READING CASES DATA BLOCK

3111.13 *** USER FATAL MESSAGE 3111 (NXNSMPK)
ERROR PROCESSING MODAL STRESS DATA FOR SIMPACK FBI (POSSIBLY
INSUFFICIENT MEMORY)

3111.14 *** USER FATAL MESSAGE 3111 (NXNSMPK)
ERROR PROCESSING MODAL STRAIN DATA FOR SIMPACK FBI (POSSIBLY
INSUFFICIENT MEMORY)

3111.15 *** USER WARNING MESSAGE 3111 (NXNSMPK)
INVALID OUTPUT COORDINATE SYSTEM FOR SURFACE OR VOLUME - MUST BE ZERO.
THESE STRESSES/STRAINS WILL NOT BE WRITTEN TO THE FBI.

3111.16 *** USER FATAL MESSAGE 3111 (NXNSMPK)
ERROR PROCESSING MASS INVARIANT DATA FOR SIMPACK FBI (POSSIBLY
INSUFFICIENT MEMORY)

3111.17 *** USER INFORMATION MESSAGE 3111 (NXNSMPK)
GLOBAL MASS/INERTIA NOT PRESENT; PROPERTIES WILL BE GENERATED.
PARAM,GRDPNT,VALUE; WHERE VALUE>-1 WILL CAUSE THE GRID POINT
WEIGHT GENERATOR TO BE EXECUTED, PRODUCING THE GLOBAL MASS/INERTIA.

3112.0 *** USER INFORMATION MESSAGE 3112,
ELEMENTS CONGRUENT TO ELEMENT ID =%1
WILL BE RE-COMPUTED AS THERE IS INSUFFICIENT CORE AT THIS MOMENT TO HOLD DICTIONARY DATA.

3118.0 *** USER FATAL MESSAGE 3118.
ROD ELEMENT WITH ID =%1 HAS ILLEGAL GEOMETRY OR CONNECTIONS.
LOC CODE =%2

3199.0 *** USER WARNING MESSAGE 3199,
NON-FATAL MESSAGES MAY HAVE BEEN LOST BY ATTEMPTING TO QUEUE MORE THAN %1 MESSAGES.

3200.0 LOGIC ERROR DETECTED BY SUBROUTINE%1%2 = LOCATE CODE OR VALUE.

3200.1 *** USER WARNING MESSAGE 3200
IFLAG = %1

3200.2 *** SYSTEM FATAL MESSAGE 3200 (TRLGCD/S and FRRD1A)
LOGIC ERROR %1 ENCOUNTERED IN SUBROUTINE %2 -- JFLAG = %3
USER ACTION: REPORT THIS PROBLEM TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT

3200.3 *** SYSTEM FATAL MESSAGE 3200 (SECNV1/SECNV2/SECNV3 and BDYINF/BDYINA/BDYINP)
LOGIC ERROR %1 ENCOUNTERED IN SUBROUTINE %2
USER ACTION: REPORT THIS PROBLEM TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT

3201.0 FIAT OVERFLOW IN SUBROUTINE %1

3201.1 *** SYSTEM FATAL MESSAGE 3201 (ELFDR)
PROGRAMMER INFORMATION : JSUB = %1 IMSG = %2 LOC= %3 FILE = %4
USER ACTION : CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

3201.2 *** SYSTEM WARNING MESSAGE 3201 (COMPRS)
PROGRAMMER INFORMATION :%1
USER ACTION : CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

3202.0 DATA POOL DICTIONARY (DPD) OVERFLOW IN SUBROUTINE %1

3202.1 *** SYSTEM FATAL MESSAGE 3202 (DBSPC)
PROGRAMMER INFORMATION: THE LOGICAL FILE NAME %1 CAN NOT BE FOUND.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

3203.0 AN ILLEGAL VALUE OF -NU- HAS BEEN

SPECIFIED UNDER MATERIAL ID%1 FOR ELEMENT ID%2
User information:
Plate elements must not have Poisson's ratio equal to + 1.0 or -1.0.
Solid elements must not have Poisson's ratio equal to +0.5 or -1.0.

3204.0 UNABLE TO FIND SELECTED SET (%1) IN TABLE (%2) IN SUBROUTINE (%3).
User information:
A load set ID referenced either in Case Control or on a LOAD Bulk Data entry does not exist for the structure or for the current superelement.
This message can also indicate that a LOAD Bulk Data entry has referenced another LOAD Bulk Data entry, which is not permitted. Remove the ID of the non-existent LOAD from the Bulk Data entry.
This message will also be output if the case control LOAD card references only SPCD cards. If this is the case, this message can be ignored as there are no follower forces associated with SPCD loading.

3300.0 *** SYSTEM FATAL MESSAGE 3300 (DSVG1P)
INVALID VALUE = %1 SUPPLIED TO 6TH PARAMETER.

3300.1 *** SYSTEM WARNING MESSAGE 3300
INVALID PARAMETER %1 SUPPLIED TO MODULE DIAGONAL, COLUMN SUBSTITUTED

3300.2 *** SYSTEM WARNING MESSAGE 3300 (DVSKMD)
INVALID ELEMENT TYPE = %1

3300.3 ***SYSTEM FATAL MESSAGE 3300 (MACOFP)
IMPROPER OP CODE P1 %1

3300.4 *** SYSTEM FATAL MESSAGE 3300 (MTMD32)
ILLEGAL VALUE FOR PARAMETER P2 = %1 - MODULE ABORTING

4010.0 *** USER FATAL MESSAGE 4010,
TEMPP3 BULK DATA CARD WITH SET ID = %1 AND ELEMENT ID = %2
DOES NOT HAVE ASCENDING VALUES SPECIFIED FOR Z.
User information:
See TEMPP3 entry description in Section 5 of the NX NASTRAN Quick Reference Guide.

4011.0 *** USER FATAL MESSAGE 4011,
ELEMENT TEMPERATURE SET%1
CONTAINS MULTIPLE TEMPERATURE DATA SPECIFIED FOR ELEMENT ID =%2
User information:
Temperature for element is specified on more than one bulk data card.

4012.0 *** USER WARNING MESSAGE 4012,
THERE IS NO ELEMENT, GRID POINT, OR DEFAULT TEMPERATURE DATA FOR

TEMPERATURE SET %1, WITH RESPECT TO ELEMENT ID = %2
User information:
Required temperature data is probably missing from the Bulk Data.
Check for TEMPD or for TREF on the MAT1 entry.

4013.0 *** USER FATAL MESSAGE 4013 (EDTL)
INSUFFICIENT MEMORY FOR TEMPERATURE SETS.

4015.0 ***USER INFORMATION MESSAGE 4015.
TABLE NAMED %1 PUNCHED ONTO %2 CARDS.

4016.0 *** USER FATAL MESSAGE 4016,
THERE IS NO TEMPERATURE DATA FOR ELEMENT %1 IN SET %2
User information:
Required temperature data is probably missing from Bulk Data.

4016.1 *** USER FATAL MESSAGE 4016, (GETEMP)
THERE ARE NO TEMPERATURES FOR %1 ELEMENT %2 IN SET %3
User information:
Required temperature data is probably missing from Bulk Data.

4017.1 *** USER FATAL MESSAGE 4017
ESTNL AND FILE (%1) ARE NOT PROPERLY ALIGNED

4018.0 *** USER FATAL MESSAGE 4018
UNEXPECTED ERROR ENCOUNTERED IN NLCETT2.
USER INFORMATION: PLEASE CONTACT NASTRAN
DEVELOPMENT AND SUPPORT.

4018.1 *** USER FATAL MESSAGE 4018.1
ERROR IN DTEMP CARD %1. TIME INTERVAL FOR
INTERPOLATION NOT FOUND.
USER INFORMATION: PLEASE CONTACT NASTRAN
DEVELOPMENT AND SUPPORT.

4018.2 *** USER FATAL MESSAGE 4018.2
BOTH DTEMP AND TEMP(LOAD) SPECIFIED IN SUBCASE %1.

4018.3 *** USER FATAL MESSAGE 4018.3
MISMATCH BETWEEN ELEMENT TYPES IN ETT AND ELDATA
TABLES.
USER INFORMATION: PLEASE CONTACT NASTRAN
DEVELOPMENT AND SUPPORT.

4018.4 *** USER FATAL MESSAGE 4018.4
MISMATCH BETWEEN ELEMENT IDS IN ETT AND ELDATA
TABLES.
USER INFORMATION: PLEASE CONTACT NASTRAN
DEVELOPMENT AND SUPPORT.

4020.0 *** SYSTEM FATAL MESSAGE 4020
TA1A HAS PICKED UP TEMPERATURE SET %1 AND NOT THE
REQUESTED SET %2.
System information:

The requested temperature set ID for temperature dependent
material properties cannot be found in data block GPTT.

4020.1 *** USER FATAL MESSAGE 4020 (CECORF)
CORE IS INSUFFICIENT BY AMOUNT= %1 WORDS TO PROCESS
ELEMENT WITH ID = %2

4023.0 *** USER FATAL MESSAGE 4023 (TA1A)
FINDS NO ELEMENT, GRID POINT, OR DEFAULT TEMPERATURE
DATA FOR ELEMENT ID =%1
User information:
Required temperature data is probably missing from Bulk Data.

4024.0 *** USER FATAL MESSAGE 4024.
NO CYJOIN CARDS WERE SUPPLIED.
User information:
CYJOIN entries are required in cyclic symmetry problems to define
the boundary points.

4025.0 *** USER WARNING MESSAGE 4025.
NO SIDE 2 DATA FOUND.

4025.1 *** USER WARNING MESSAGE 4025.
NO SIDE 1 DATA FOUND.
User information:
See CYJOIN entry description in Section 5 of the NX NASTRAN Quick
Reference Guide.

4025.2 *** USER WARNING MESSAGE 4025.
NO SIDE 2 DATA FOUND.

4025.3 *** USER WARNING MESSAGE 4025.
NO SIDE 1 DATA FOUND.

4026.0 *** USER FATAL MESSAGE 4026.
TOO MANY SIDE 1 CYJOIN BULK DATA CARDS.
User information:
Only one Side 1 entry is permitted.

4027.0 *** USER FATAL MESSAGE 4027.
NUMBER OF ENTRIES IN SIDE 1(%1) NOT EQUAL TO NUMBEER IN
SIDE 2(%2) (MINIMUM VALUE WILL BE PROCESSED)
User information:
Number of boundary points on Side 1 must be the same as on Side 2.

4028.0 *** USER FATAL MESSAGE 4028.
THE CODE FOR GRID POINT %1 DOES NOT MATCH THE CODE FOR
GRID POINT %2

4029.0 *** USER FATAL MESSAGE 4029.
GRID POINT %1 APPEARS IN BOTH SIDE LISTS.
User information:
A grid point cannot be on both Side 1 and Side 2.

4030.0 *** USER WARNING MESSAGE 4030.
COMPONENT %1 OF GRID POINTS %2,%3 CANNOT BE
CONNECTED. (GRID POINT %4 IS AT FAULT)

4032.0 *** USER WARNING MESSAGE 4032.
NO COMPONENTS OF GRID POINTS %1 AND %2 WERE
CONNECTED.

4032.1 *** USER WARNING MESSAGE 4032.
NO COMPONENTS OF GRID POINT %1 WERE IN THE A-SET.

4033.0 *** USER FATAL MESSAGE 4033 (IFP4)
COORDINATE SYSTEM ID =%1 AS SPECIFIED ON AXIF ENTRY IS
NOT PRESENT
AMONG ANY OF CORD1C, CORD1S, CORD2C, OR CORD2S ENTRY
TYPES.
CYLINDRICAL TYPE ASSUMED FOR CONTINUING DATA CHECK.

4035.0 *** USER FATAL MESSAGE 4035 (IFP4)
THE FLUID DENSITY HAS NOT BEEN SPECIFIED ON A BDYLIST
ENTRY AND
THERE IS NO DEFAULT FLUID DENSITY SPECIFIED ON THE AXIF
ENTRY.
User information:
Required information missing from Bulk Data.

4037.0 *** USER FATAL MESSAGE 4037.
GRID POINT %1 IS LISTED MORE THAN ONCE ON CYJOIN CARDS.

4038.0 *** USER FATAL MESSAGE 4038 (IFP4)
RINGFL ENTRY HAS ID =%1 WHICH HAS BEEN USED.
User information:
An identification number of a RINGFL entry is not unique.

4040.0 *** USER FATAL MESSAGE 4040 (IFP4)
ID =%1 APPEARS ON A BDYLIST ENTRY, BUT NO RINGFL ENTRY IS
PRESENT WITH THE SAME ID.
User information:
All entries on BDYLIST card must be defined on a RINGFL entry.

4041.0 *** USER FATAL MESSAGE 4041,
ID =%1 IS OUT OF PERMISSIBLE RANGE OF 1 TO 499999.
User information:
The identification number of a RINGFL is too large to be processed.

4042.0 *** USER FATAL MESSAGE 4042 (IFP4)
COORDINATE SYSTEM IS CYLINDRICAL BUT RINGFL ENTRY ID
=%1 HAS A NON-ZERO X2 VALUE.
User information:
The azimuthal angle of a RINGFL point must be zero.

4043.0 *** USER FATAL MESSAGE 4043 (IFP4)
COORDINATE SYSTEM IS SPHERICAL BUT RINGFL ENTRY ID =%1

HAS A NON-ZERO X3 VALUE.

4044.0 *** USER FATAL MESSAGE 4044 (IFP4AD)
RINGFL ENTRY ID =%1 HAS SPECIFIED A ZERO RADIAL LOCATION.
User information:
Fluid points cannot be located on the axis of symmetry.

4045.0 *** USER FATAL MESSAGE 4045 (IFP4AD)
THE BOUNDARY LIST ENTRY FOR ID =%1 HAS A ZERO CROSS-SECTION LENGTH.
User information:
A hydroelastic boundary can not be defined between two RINGFL points having the same location. Check BDYLIST and RINGFL entries.

4048.0 *** USER FATAL MESSAGE 4048 (IFP4)
THE FLUID DENSITY HAS NOT BEEN SPECIFIED ON AN FSLIST ENTRY AND
THERE IS NO DEFAULT FLUID DENSITY SPECIFIED ON THE AXIF ENTRY.
User information:
Required information missing from Bulk Data.

4050.0 *** USER FATAL MESSAGE 4050 (IFP4)
FSLIST ENTRY HAS INSUFFICIENT IDF DATA, OR FSLIST DATA MISSING.
User information:
A referenced RINGFL point doesn't exist or the FSLIST entry is in error. At least two points must be defined.

4051.0 *** USER FATAL MESSAGE 4051 (IFP4)
AN MPC ENTRY HAS A SET ID SPECIFIED = 102. SET 102 IS ILLEGAL WHEN FLUID DATA IS PRESENT.
User information:
This set identification number is reserved for internal use in hydroelastic problems.

4052.0 *** USER FATAL MESSAGE 4052 (IFP4)
IDF =%1 ON A FREEPT ENTRY DOES NOT APPEAR ON ANY FSLIST ENTRY.
User information:
A referenced RINGFL point must also appear on a FSLIST entry.

4055.0 *** USER FATAL MESSAGE 4055 (IFP4)
SET ID = 102 MAY NOT BE USED FOR SPC ENTRIES WHEN USING THE HYDROELASTIC-FLUID ELEMENTS.
User information:
This set identification number is reserved for internal use in hydroelastic problems.

4056.0 *** USER FATAL MESSAGE 4056,
RECORD ID =%1 IS OUT OF SYNC ON DATA BLOCK NUMBER%2

AN IFP4 SYSTEM ERROR.
User information:
The record identification numbers are the values of LOCATE record ID. The data block numbers are the GINO file numbers. Error implies that IFP4 is possibly operating on the wrong data block.
This system error should not occur. Message comes from IFP4B.

4057.0 *** USER FATAL MESSAGE 4057 (IFP4)
GRIDB ENTRY WITH ID =%1 HAS A REFERENCE IDF =%2 WHICH DOES NOT APPEAR IN A BOUNDARY LIST.
User information:
GRIDB points must be in the fluid boundary.

4058.0 *** USER FATAL MESSAGE 4058 (IFP4)
THE FLUID DENSITY HAS NOT BEEN SPECIFIED ON A CFLUID ENTRY WITH ID =%1
AND THERE IS NO DEFAULT ON THE AXIF ENTRY.
User information:
Required data missing from the Bulk Data Section.

4059.0 *** USER FATAL MESSAGE 4059 (IFP4)
THE FLUID BULK MODULUS HAS NOT BEEN SPECIFIED ON A CFLUID ENTRY WITH ID =%1
AND THERE IS NO DEFAULT ON THE AXIF ENTRY.
User information:
Required data missing from the Bulk Data Section.

4060.0 *** SYSTEM FATAL MESSAGE 4060 (BMG)
COORDINATE SYSTEM = %1 CAN NOT BE FOUND IN CSTM DATA
System information:
Data blocks MATPOOL or CSTM have been changed illegally.

4062.0 *** USER FATAL MESSAGE 4062 (IFP4)
DMIG BULK DATA ENTRY SPECIFIES DATA BLOCK %1 WHICH ALSO APPEARS ON A DMIAX ENTRY.
User information:
One direct input matrix may not be specified by both types of bulk data entries.

4081.0 *** USER FATAL MESSAGE 4081 (IFP5)
AXSLOT ENTRY IS NOT PRESENT OR IS INCORRECT.
User information:
Acoustic analysis data is present and this entry is necessary.

4086.0 *** USER FATAL MESSAGE 4086 (IFP5)
CELAS2 BULK DATA ENTRY HAS ID =%1 WHICH IS GREATER THAN 10000000
AND 10000000 IS THE LIMIT FOR CELAS2 ID WITH ACOUSTIC ANALYSIS ENTRIES PRESENT.
User information:
The program is generating CELAS2 entries and a possible conflict

of ID numbers exists.

4087.0 *** USER FATAL MESSAGE 4087 (IFP5)
SLBDY ID =%1 DOES NOT APPEAR ON ANY GRIDS ENTRIES.
User information:
The SLBDY entry has a point listed which does not exist in the data.

4088.0 *** USER FATAL MESSAGE 4088 (IFP5)
ONE OR MORE OF THE FOLLOWING ID-S NOT EQUAL TO -1 HAVE INCORRECT OR NO GEOMETRY DATA
ID = %1 ID = %2 ID = %3
User information:
The listed GRIDS points may have a bad radius or a slot width greater than geometrically possible.

4089.0 *** USER FATAL MESSAGE 4089 (IFP5)
RHO AS SPECIFIED ON SLBDY OR AXSLOT ENTRY IS 0.0 FOR ID =%1
User information:
A value of density is required to formulate the slot boundary matrix terms.

4090.0 *** USER FATAL MESSAGE 4090 (IFP5)
ONE OF THE FOLLOWING NON-ZERO IDENTIFICATION NUMBERS APPEARS ON SOME COMBINATION
OF GRID, GRIDS, OR GRIDF BULK DATA ENTRIES. ID=%1 ID=%2 ID=%3
User information:
All GRID, SPOINT, EPOINT, GRIDS, and GRIDF data entries should have unique identification numbers.

4101.0 *** SYSTEM FATAL MESSAGE 4101
PMTPCH UNABLE TO FIND NAME FOR DATA BLOCK %1

4101.1 *** SYSTEM FATAL MESSAGE 4101
MATPCH UNABLE TO FIND NAME FOR DATA BLOCK %1

4103.0 *** USER INFORMATION MESSAGE 4103
PMTPCH HAS PUNCHED MATRIX DATA BLOCK %1 ONTO %2 DMI CARDS.

4103.1 *** USER INFORMATION MESSAGE 4103
MATPCH HAS PUNCHED MATRIX DATA BLOCK %1 ONTO %2 DMI CARDS.

4104.0 *** USER FATAL MESSAGE 4104
ATTEMPT TO PUNCH MORE THAN 99999 DMI CARDS FOR A SINGLE MATRIX.

4105.0 *** USER INFORMATION MESSAGE 4105 (INPTX2)
DATA BLOCK %1 HAS BEEN RETRIEVED FROM FORTRAN UNIT %2 THE ORIGINAL NAME OF DATA BLOCK ON THE FORTRAN UNIT WAS %3.

User information:
As each block is retrieved, its new and old names are printed.
Check to be sure your DMAP and INPUTT2 statements are in sync.

4106.0 *** USER INFORMATION MESSAGE 4105 (INPTX4)
DATA BLOCK %1 HAS BEEN RETRIEVED FROM FORTRAN UNIT %2
THE ORIGINAL NAME OF DATA BLOCK ON THE FORTRAN UNIT
WAS %3.
User information:
As each block is retrieved, its new and old names are printed.
Check to be sure your DMAP and INPUTT4 statements are in sync.

4108.0 *** SYSTEM FATAL MESSAGE 4108 (LDINPT)
MODULE DBLOAD UNABLE TO OPEN OUTPUT DATA BLOCK %1

4108.1 *** SYSTEM FATAL MESSAGE 4108
MODULE %1 UNABLE TO OPEN OUTPUT DATA BLOCK %2

4109.0 *** USER INFORMATION MESSAGE 4109 (UNPHDR)
THE LABEL IS %1 FOR NEUTRAL FILE FORTRAN UNIT %2

4109.2 *** USER INFORMATION MESSAGE 4109
THE LABEL IS %1 FOR FORTRAN UNIT %2
(MAXIMUM SIZE OF FORTRAN RECORDS WRITTEN =%3 WORDS.)
(NUMBER OF FORTRAN RECORDS WRITTEN =%4 RECORDS.)
(TOTAL DATA WRITTEN FOR TAPE LABEL =%5 WORDS.)

4110.0 *** USER INFORMATION MESSAGE 4110 (UNDRVR)
END-OF-DATA SIMULATION ON NEUTRAL FILE FORTRAN UNIT %1

4110.1 *** USER INFORMATION MESSAGE 4110 (OUTPX2)
END-OF-DATA SIMULATION ON FORTRAN UNIT %1
(MAXIMUM SIZE OF FORTRAN RECORDS WRITTEN =%2 WORDS.)
(NUMBER OF FORTRAN RECORDS WRITTEN =%3 RECORDS.)
(TOTAL DATA WRITTEN FOR EOF MARKER =%4 WORDS.)

4110.2 *** USER INFORMATION MESSAGE 4110 (OUTPN2)
END-OF-DATA SIMULATION ON FORTRAN UNIT %1
(MAXIMUM SIZE OF FORTRAN RECORDS WRITTEN =%2 WORDS.)
(NUMBER OF FORTRAN RECORDS WRITTEN =%3 RECORDS.)
(TOTAL DATA WRITTEN FOR EOF MARKER =%4 WORDS.)

4110.3 *** USER INFORMATION MESSAGE 4110 (OUTPBN2)
END-OF-DATA SIMULATION ON FORTRAN UNIT %1
(MAXIMUM SIZE OF FORTRAN RECORDS WRITTEN =%2 WORDS.)
(NUMBER OF FORTRAN RECORDS WRITTEN =%3 RECORDS.)
(TOTAL DATA WRITTEN FOR EOF MARKER =%4 WORDS.)

4113.0 *** USER FATAL MESSAGE 4113
MODULE %1 - ILLEGAL VALUE FOR FIRST PARAMETER = %2
User information:
See the NX NASTRAN DMAP Module Dictionary.

4114.0 *** USER INFORMATION MESSAGE 4114

DATA BLOCK %1 WRITTEN TO NEUTRAL FILE FORTRAN UNIT %2
TRL =
%3
User information:
This message is issued for each nonpurged data block as it is written.

4114.1 *** USER INFORMATION MESSAGE 4114
DATA BLOCK %1 WRITTEN TO NEUTRAL FILE FORTRAN UNIT %2

4114.11 *** USER INFORMATION MESSAGE 4114
DATA BLOCK %1 WRITTEN ON FORTRAN UNIT %2, TRL =
%3
(MAXIMUM POSSIBLE FORTRAN RECORD SIZE =%4 WORDS.)
(MAXIMUM SIZE OF FORTRAN RECORDS WRITTEN =%5 WORDS.)
(NUMBER OF FORTRAN RECORDS WRITTEN =%6 RECORDS.)
(TOTAL DATA WRITTEN FOR DATA BLOCK =%7 WORDS.)

4115.0 *** SYSTEM FATAL MESSAGE 4115 (OUTPX2)
MODULE %1 - SHORT REC.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

4116.0 *** SYSTEM FATAL MESSAGE 4116
MODULE DBUNLOAD UNABLE TO OPEN INPUT DATABLOCK %1

4116.4 *** SYSTEM FATAL MESSAGE 4116 (OUTPX2)
MODULE %1 UNABLE TO OPEN INPUT DATA BLOCK %2
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

4116.5 *** SYSTEM FATAL MESSAGE 4116 (OUTPN2)
MODULE OUTPUT2 UNABLE TO OPEN INPUT DATABLOCK %1

4116.6 *** SYSTEM FATAL MESSAGE 4116 (OUTPBN2)
MODULE OUTPUT2 UNABLE TO OPEN INPUT DATABLOCK %1

4120.0 *** USER FATAL MESSAGE 4120 (OUTPX2)
MODULE %1 - ILLEGAL VALUE FOR FIRST PARAMETER =%2
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
User information:
See the NX NASTRAN DMAP Module Dictionary.

4121.0 *** USER FATAL MESSAGE 4121 (IFS4P)
ONLY ONE (1) AXIF ENTRY ALLOWED IN BULK DATA.
User information:
See Bulk Data Description in Section 5 of the NX NASTRAN Quick Reference Guide.

4122.0 *** USER FATAL MESSAGE 4122 (IFS4P)
AXIF BULK DATA ENTRY NOT FOUND.

4123.0 *** USER FATAL MESSAGE 4123 (IFS4P)
ONLY ONE (1) FLSYM ENTRY ALLOWED IN BULK DATA.

User information:
See Bulk Data Description in Section 5 of the NX NASTRAN Quick Reference Guide.

4124.0 *** USER WARNING MESSAGE 4124 (IFS3P)
THE SPCADD OR MPCADD UNION CONSISTS OF A SINGLE SET.
User information:
Only one SET was on an SPCADD or MPCADD entry. There are no sets to add together.

4124.1 *** USER WARNING MESSAGE 4124 (IFS15P)
THE NSMADD UNION CONSISTS OF A SINGLE SET.
User information:
Only one SET was on an NSMADD entry. There are no sets to add together.

4125.0 *** USER FATAL MESSAGE 4125 (IFS4P)
MAXIMUM ALLOWABLE HARMONIC ID IS 99. ENTRY CONTAINS MAXIMUM = %1
User information:
See Bulk Data Description in Section 5 of the NX NASTRAN Quick Reference Guide.

4126.0 *** USER FATAL MESSAGE 4126 (IFS4P)
BAD DATA OR FORMAT OR NON-UNIQUE NAME, DMIAX %1
User information:
See Bulk Data Description in Section 5 of the NX NASTRAN Quick Reference Guide.

4127.0 *** USER WARNING MESSAGE 4127 (IFS15P)
THE VALUE FIELD ON NSM OR NSM1 ENTRY SID = %1 IS BLANK.

4127.1 *** USER WARNING MESSAGE 4127 (IFS15P)
THE VALUE FIELD ON NSM OR NSM1 ENTRY SID = %1 IS LESS OR EQUAL TO ZERO.

4128.0 *** USER WARNING MESSAGE 4128 (TA1NSM)
NSMADD AND NSM/NSM1 HAVE THE SAME SID, AND NSM/NSM1'S SID = %1
IS NOT PART OF THE NSMADD SI LIST OF ENTRIES.

4128.1 *** USER WARNING MESSAGE 4128 (TA1NSM)
UNDEFINED NSM/NSM1 SET = %1

4128.2 *** USER WARNING MESSAGE 4128 (TA1NSM)
UNDEFINED NONSTRUCTURAL MASS SET = %1

4128.3 *** USER WARNING MESSAGE 4128 (TA1NSM)
NSMADD AND NSML/NSML1 HAVE THE SAME SID, AND NSML/NSML1'S SID = %1
IS NOT PART OF THE NSMADD SI LIST OF ENTRIES.

4129.0 *** USER FATAL MESSAGE 4129 (GP6)
The Area of Element %1 is Zero.

4129.1 *** USER FATAL MESSAGE 4129 (GP6)
The Length of Element %1 is Zero.

4130.0 *** USER FATAL MESSAGE 4130 (OUTPX2)
MODULE %1 - ILLEGAL TAPE CODE HEADER = %2
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

4131.0 *** USER WARNING MESSAGE 4131 (OUTPX2)
FORTRAN TAPE ID CODE -%1- DOES NOT MATCH THIRD %2 DMAP PARAMETER -%3-.

4132.0 *** USER FATAL MESSAGE 4132 (GP6)
NSML1 Entry with Set ID %1 and Property Type "ELEMENT" has 1-D and 2-D Elements Defined.

4133.0 *** USER WARNING MESSAGE 4133 (GP6)
Property or Element ID %1 specified in NSML entry of SID %2 is not defined.

4133.1 *** USER WARNING MESSAGE 4133 (GP6)
Property or Element ID %1 specified in NSML1 entry of SID %2 is not defined.

4134.0 *** USER FATAL MESSAGE 4134 (INPTX2)
MODULE %1 - ILLEGAL TAPE CODE HEADER = %2

4135.0 *** USER WARNING MESSAGE 4135 (INPTX2)
USER TAPE ID CODE -%1- DOES NOT MATCH THIRD %2 DMAP PARAMETER -%3-.

4136.0 *** USER FATAL MESSAGE 4136 (INPTX2)
USER TAPE ID CODE -%1- DOES NOT MATCH THIRD %2 DMAP PARAMETER -%3-.

4137.0 *** USER WARNING MESSAGE 4137 (INPTX2)
ALL OUTPUT DATA BLOCKS FOR INPUTT2 ARE PURGED.

4138.0 *** USER WARNING MESSAGE 4138 (INPTX2)
DATA BLOCK %1 (DATA BLOCK COUNT = %2) HAS PREVIOUSLY BEEN RETRIEVED FROM
FORTRAN TAPE %3 AND WILL BE IGNORED.

4139.0 *** USER INFORMATION MESSAGE 4139 (INPTX2)
DATA BLOCK %1 RETRIEVED FROM FORTRAN TAPE %2 (DATA BLOCK COUNT = %3)

4140.0 *** USER WARNING MESSAGE 4140 (INPTX2)
SECONDARY VERSION OF DATA BLOCK HAS REPLACED EARLIER ONE.

4141.0 *** USER WARNING MESSAGE 4141 (INPTX2)
ONE OR MORE DATA BLOCKS NOT FOUND ON FORTRAN TAPE.

4142.0 *** USER FATAL MESSAGE 4142 (INPTX2)
ONE OR MORE DATA BLOCKS NOT FOUND ON FORTRAN TAPE.

4143.0 *** SYSTEM FATAL MESSAGE 4143.
SEMAP WAS GENERATED ON A PRIOR RELEASE. IT MUST BE REGENERATED ON THIS RELEASE.
System information:
Format of SEMAP was changed between releases (Versions of NX NASTRAN).
Execute SEP1 in order to generate a new SEMAP.

4148.0 *** USER INFORMATION MESSAGE 4148---
CSUPER%1 HAS BEEN WRITTEN ON UNIT%2, NUMBER OF CARD IMAGES=%3
User information:
This message indicates the number of CSUPER entries punched by the TABPRT module.

4149.0 *** USER WARNING MESSAGE 4149---
MORE THAN 1000 CARD IMAGES ENCOUNTED IN PUNCHING CSUPER%1 ON UNIT%2
ONLY 1000 WERE PUNCHED.
User information:
An attempt has been made to punch more than 1000 CSUPER entries (8000 grid points on the boundary).

4152.0 *** USER FATAL MESSAGE 4152 (GP4)
DUPLICATE ENFORCED DISPLACEMENT ON SPCD CARD.
EXTERNAL ID =%1 DOF =%2 VALUE = %3
User information:
An SPC with a nonzero enforced displacement value has been duplicated.

4152.1 *** USER FATAL MESSAGE 4152 (GP4)
DUPLICATE ENFORCED DISPLACEMENT ON SPC CARDS.
EXTERNAL ID =%1 DOF =%2 VALUE = %3
User information:
An SPC with a nonzero enforced displacement value has been duplicated.

4153.0 *** USER INFORMATION MESSAGE 4153.
LEFT HANDED FBS TIME ESTIMATE TO FORM %1 CPU=%2, I/O=%3, TOTAL=%4, PASSES=%5

4153.1 *** USER INFORMATION MESSAGE 4153.
FBS METHOD %1 TIME ESTIMATE TO FORM %2 - CPU=%3, I/O=%4, TOTAL=%5, PASSES=%6
User information:
I/O seconds are equivalent to CPU seconds based on the estimated number of blocks to be transferred between main and secondary storage and the blocks per second rate. Seconds printed is the sum of CPU and I/O. This message is printed when the time estimate is greater than the contents of SYSTEM(20).

4154.0 *** USER WARNING MESSAGE 4154 (SEP1C)
SEELT ENTRY REFERENCES UNDEFINED SUPERELEMENT %1.

ELEMENT ASSIGNMENTS ARE IGNORED.
User information:
Element reassignment specified by SEELT entry not possible because superelement specified does not exist.

4155.0 ***USER WARNING MESSAGE 4155---
GRID POINTS FOR SECONDARY SUPERELEMENT%1 ARE COLLINEAR.
CONFORMITY CHECKS NOT MADE.

4155.1 *** USER WARNING MESSAGE 4155.
GRID POINTS FOR PRIMARY SUPER ELEMENT%1 WHICH IS REFERENCED BY SECONDARY%2 ARE COLLINEAR.
CONFORMITY CHECKS NOT MADE.

4156.0 *** USER FATAL MESSAGE 4156.
DIMENSIONS OR TYPE OF DATA BLOCK %1, SUPERELEMENT %2 TRAILER=(%3) ARE INCONSISTENT WITH SUPERELEMENT MAP.
User information:
The referenced superelement matrix is not consistent with the new superelement map. Request SEALL for the superelement.

4157.1 *** USER INFORMATION MESSAGE 4157 (DFMSA) ---
PARAMETERS FOR SPARSE DECOMPOSITION OF DATA BLOCK %1(TYPE=%2) FOLLOW
MATRIX SIZE =%3 ROWS NUMBER OF NONZEROES =%4 TERMS NUMBER OF ZERO COLUMNS =%5 NUMBER OF ZERO DIAGONAL TERMS =%6

4157.2 *** SYSTEM INFORMATION MESSAGE 4157 (SITDRV)
PARAMETERS FOR THE ITERATIVE SOLUTION WITH DATA BLOCK %1(TYPE = %2) FOLLOW
MATRIX SIZE =%3 ROWS DENSITY =%4
STRING LENGTH =%5 AVG NUMBER OF STRINGS =%6 K NONZERO TERMS =%7 K FULL BAND WIDTH =%8 AVG
MEMORY AVAILABLE =%9 K WORDS MIN MEMORY NEEDED =%10 K WORDS
NUMBER OF RHS =%11 NUMBER OF PASSES =%12
OPTIMAL MEMORY =%13 K WORDS PREFACE CPU TIME =%14 SECONDS
System information:
This information is useful in optimizing the performance of your run. When spill is indicated, the model is too large to fit into memory. The job may run faster by increasing the available memory (this will decrease the number of spill group).
See the NX NASTRAN Installation and Operation Instructions for a description of these terms. See also the NX NASTRAN Numerical Methods User's Guide.

4157.3 *** SYSTEM INFORMATION MESSAGE 4157 (SITDRV)

PARAMETERS FOR THE ITERATIVE SOLUTION WITH DATA BLOCK %1(TYPE = %2) FOLLOW
MATRIX SIZE =%3 ROWS DENSITY =%4
GEOMETRIC DOFS =%5 HIERARCHIC DOFS =%6
STRING LENGTH =%7 AVG NUMBER OF STRINGS =%8 K
NONZERO TERMS =%9 K FULL BAND WIDTH =%10 AVG
MEMORY AVAILABLE =%11 K WORDS MIN MEMORY NEEDED =%12 K WORDS
NUMBER OF RHS =%13 NUMBER OF PASSES =%14
OPTIMAL MEMORY =%15 K WORDS PREFACE CPU TIME =%16 SECONDS
System information:
This information is useful in optimizing the performance of your run. When spill is indicated, the model is too large to fit into memory. The job may run faster by increasing the available memory (this will decrease the number of spill groups).
See the NX NASTRAN Installation and Operation Instructions for a description of these terms. See also the NX NASTRAN Numerical Methods User's Guide.

4157.4 *** USER INFORMATION MESSAGE 4157---
PARAMETERS FOR THE ITERATIVE SOLUTION WITH DATA BLOCK %1(TYPE = %2) FOLLOW
MATRIX SIZE =%3 ROWS DENSITY =%4
NONZERO TERMS =%5 K NUMBER OF RHS =%6
MEMORY AVAILABLE =%7 K WORDS MIN MEMORY NEEDED =%8 K WORDS
User information:
This information is useful in optimizing the performance of your run. When spill is indicated, the model is too large to fit into memory. The job may run faster by increasing the available memory (this will decrease the number of spill groups).
See the NX NASTRAN Installation and Operation Instructions for a description of these terms. See also the NX NASTRAN Numerical Methods User's Guide.

4157.5 *** SYSTEM INFORMATION MESSAGE 4157 (SITDR3)
PARAMETERS FOR THE ITERATIVE SOLUTION WITH DATA BLOCK %1(TYPE = %2) FOLLOW
MATRIX SIZE =%3 ROWS DENSITY =%4
STRING LENGTH =%5 AVG NUMBER OF STRINGS =%6 K
NONZERO TERMS =%7 K FULL BAND WIDTH =%8 AVG
MEMORY AVAILABLE =%9 K WORDS IPAD =%10
NUMBER OF RHS =%11
System information:
When spill is indicated, the model is too large to fit into memory. The job may run faster by increasing the available memory (this will

decrease the number of spill groups).
See the NX NASTRAN Installation and Operation Instructions for a description of these terms. See also the NX NASTRAN Numerical Methods User's Guide.

4157.6 *** USER INFORMATION MESSAGE 4157---
PARAMETERS FOR THE ITERATIVE SOLUTION WITH DATA BLOCK %1(TYPE = %2) FOLLOW
MATRIX SIZE =%3 ROWS DENSITY =%4
NONZERO TERMS =%5 K FULL BAND WIDTH =%6 AVG
MEMORY AVAILABLE =%7 K WORDS PREFACE CPU TIME =%8 SECONDS
NUMBER OF RHS =%9 NUMBER OF PASSES =%10
User information:
When spill is indicated, the model is too large to fit into memory.
The job may run faster by increasing the available memory (this will decrease the number of spill groups).
See the NX NASTRAN Installation and Operation Instructions for a description of these terms. See also the NX NASTRAN Numerical Methods User's Guide.

4157.7 *** USER INFORMATION MESSAGE 4157---
PARAMETERS FOR THE ITERATIVE SOLUTION WITH DATA BLOCK %1(TYPE = %2) FOLLOW
MATRIX SIZE =%3 ROWS DENSITY =%4
NONZERO TERMS =%5 K FULL BAND WIDTH =%6 AVG
MEMORY AVAILABLE =%7 K WORDS IPAD =%8
NUMBER OF RHS =%9
User information:
When spill is indicated, the model is too large to fit into memory.
The job may run faster by increasing the available memory (this will decrease the number of spill groups).
See the NX NASTRAN Installation and Operation Instructions for a description of these terms. See also the NX NASTRAN Numerical Methods User's Guide.

4157.8 *** USER INFORMATION MESSAGE 4157
PARAMETERS FOR THE DISTRIBUTED ITERATIVE SOLUTION WITH DATA BLOCK %1(TYPE = %2) FOLLOW:

4157.9 *** USER INFORMATION MESSAGE 4157---
PARAMETERS FOR %1E%2 DECOMPOSITION OF DATA BLOCK %3(TYPE=%4) FOLLOW
MATRIX SIZE =%5 ROWS CPU TIME ESTIMATE =%6 SECONDS
ADDITIONAL MEMORY =%7 K WORDS PASSIVE COLUMNS =%8 GROUPS
ACTIVE COLUMNS =%9 MAX PASSIVE COLUMNS =%10 MAX
ACTIVE COLUMNS =%11 RMS PASSIVE COLUMNS =%12 AVG
SPILL =%13 GROUPS I/O TIME ESTIMATE =%14 SECONDS

SPILL ROWS =%15 AVG NZ NBR IN FACTOR =%16 K TERMS
FACTOR STRNG LGTH =%17 AVG FACTOR STRNG SUM =%18
STRINGS
User information:
When spill is indicated, the model is too large to fit into memory.
The job may run faster by increasing the available memory (this will
decrease the number of spill groups).
See the NX NASTRAN Installation and Operation Instructions for a
description of these terms. See also the NX NASTRAN Numerical
Methods User's Guide.

4157.10 *** USER INFORMATION MESSAGE 4157---
PARAMETERS FOR PARALLEL %1DECOMPOSITION OF DATA
BLOCK %2(TYPE=%3) FOLLOW
MATRIX SIZE =%4 ROWS CPU TIME ESTIMATE =%5 SEC
MAX.HALFBANDWIDTH =%6 TERMS I/O TIME ESTIMATE =%7 SEC
AVG.HALFBANDWIDTH =%8 TERMS ROLLING (0=N/1=Y) =%9
iN-SKYLINE ELE. =%10 K TERMS REQUESTED PROC. =%11 CPUS
REQUI. WORK MEMORY =%12 K WORDS AVAIL. WORK MEMORY
=%13 K WORDS
User information:
When spill is indicated, the model is too large to fit into memory.
The job may run faster by increasing the available memory (this will
decrease the number of spill groups).
See the NX NASTRAN Installation and Operation Instructions for a
description of these terms. See also the NX NASTRAN Numerical
Methods User's Guide.

4157.11 *** USER INFORMATION MESSAGE 4157---
PARAMETERS FOR PARALLEL %1DECOMPOSITION OF DATA
BLOCK %2(TYPE=%3) FOLLOW
MATRIX SIZE =%4 ROWS CPU TIME ESTIMATE =%5 SEC
MAX.HALFBANDWIDTH =%6 TERMS I/O TIME ESTIMATE =%7 SEC
AVG.HALFBANDWIDTH =%8 TERMS ROLLING (0=N/1=Y) =%9
IN-SKYLINE ELE. =%10 TERMS REQUESTED PROC. =%11 CPUS
REQUI. WORK MEMORY =%12 K WORDS AVAIL. WORK MEMORY
=%13 K WORDS
User information:
When spill is indicated, the model is too large to fit into memory.
The job may run faster by increasing the available memory (this will
decrease the number of spill groups).
See the NX NASTRAN Installation and Operation Instructions for a
description of these terms. See also the NX NASTRAN Numerical
Methods User's Guide.

4157.12 *** USER INFORMATION MESSAGE 4157 (DFMSA) ---
PARAMETERS FOR PARALLEL SPARSE DECOMPOSITION OF DATA
BLOCK %1(TYPE=%2) FOLLOW

MATRIX SIZE =%3 ROWS NUMBER OF NONZEROES =%4 TERMS NUMBER OF ZERO COLUMNS =%5 NUMBER OF ZERO DIAGONAL TERMS =%6
SYSTEM (107) =%7 REQUESTED PROC. =%8 CPUS
User information:
When spill is indicated, the model is too large to fit into memory.
The job may run faster by increasing the available memory (this will decrease the number of spill groups).
See the NX NASTRAN Installation and Operation Instructions for a description of these terms. See also the NX NASTRAN Numerical Methods User's Guide.

4157.13 *** USER INFORMATION MESSAGE 4157 ---
PARAMETERS FOR SPARSE DECOMPOSITION OF DATA BLOCK %1(TYPE=%2) FOLLOW
MATRIX SIZE =%3 ROWS NUMBER OF NONZEROES =%4 TERMS NUMBER OF ZERO COLUMNS =%5 NUMBER OF ZERO DIAGONAL TERMS =%6
User information:
When spill is indicated, the model is too large to fit into memory.
The job may run faster by increasing the available memory (this will decrease the number of spill groups).
See the NX NASTRAN Installation and Operation Instructions for a description of these terms. See also the NX NASTRAN Numerical Methods User's Guide.

4157.16 *** SYSTEM INFORMATION MESSAGE 4157 (PDDRV)
LOCAL PARAMETERS AND TIMINGS FOR THE DISTRIBUTED PARALLEL SPARSE DECOMPOSITION

4157.17 *** SYSTEM INFORMATION MESSAGE 4157 (DFMSAP)
PARAMETERS FOR PARALLEL SPARSE DECOMPOSITION OF DATA BLOCK %1(TYPE=%2) FOLLOW
MATRIX SIZE =%3 ROWS NUMBER OF NONZEROES =%4 TERMS NUMBER OF ZERO COLUMNS =%5 NUMBER OF ZERO DIAGONAL TERMS =%6
SYSTEM (231) =%7 REQUESTED PROC. =%8 CPUS

4157.18 *** SYSTEM INFORMATION MESSAGE 4157 (SITDRV)
PARAMETERS FOR THE ITERATIVE SOLUTION WITH DATA BLOCK %1(TYPE = %2) FOLLOW
MATRIX SIZE =%3 ROWS DENSITY =%4
STRING LENGTH =%5 AVG NUMBER OF STRINGS =%6 K NONZERO TERMS =%7 K FULL BAND WIDTH =%8 AVG
MEMORY AVAILABLE =%9 K WORDS MIN MEMORY NEEDED =%10 K WORDS
NUMBER OF RHS =%11 NUMBER OF PASSES =%12
OPTIMAL MEMORY =%13 K WORDS PREFACE CPU TIME =%14 SECONDS

IPAD =%15 IEXT =%16
System information:
When spill is indicated, the model is too large to fit into memory. The job may run faster by increasing the available memory (this will decrease the number of spill groups).
See the NX NASTRAN Installation and Operation Instructions for a description of these terms. See also the NX NASTRAN Numerical Methods User's Guide.

4157.19 *** SYSTEM INFORMATION MESSAGE 4157 (FBSTIM)
TIMING DETAILS FOR FBS METHOD 2
COLSB=%1, TERMSL=%2, FWDFAC=%3, TEMP1=%4, TEMP2=%5, ARITH=%6

4157.20 ***SYSTEM INFORMATION MESSAGE 4157
P/C GROUPS FOLLOW..

4157.21 *** SYSTEM INFORMATION MESSAGE 4157
SPILL GROUPS FOLLOW..

4157.22 ***SYSTEM INFORMATION MESSAGE 4157
ARITH=%1 IOA =%2
SPILL=%3 IOSPL=%4 NBR SPILL ROWS=%5
P/C =%6 IOP/C=%7
IOCPU=%8 IOL =%9

4157.23 *** SYSTEM INFORMATION MESSAGE 4157
PARAMETERS FOR FRDGPU FOLLOW
MATRIX SIZE =%1 NUMBER OF FREQUENCIES = %2
SYSTEM (107) =%3 SYSTEM (573) = %4

4158.0 *** USER INFORMATION MESSAGE 4158---
STATISTICS FOR %1E%2 DECOMPOSITION OF DATA BLOCK %3 FOLLOW
NUMBER OF NEGATIVE TERMS ON FACTOR DIAGONAL =%4

4158.1 *** USER INFORMATION MESSAGE 4158---
STATISTICS FOR PARALLEL %1 DECOMPOSITION OF DATA BLOCK %2

4158.2 *** USER INFORMATION MESSAGE 4158 (DFMSA)
---- STATISTICS FOR SPARSE DECOMPOSITION OF DATA BLOCK %1 FOLLOW
NUMBER OF NEGATIVE TERMS ON FACTOR DIAGONAL = %2
MAXIMUM RATIO OF MATRIX DIAGONAL TO FACTOR DIAGONAL = %3 AT ROW NUMBER %4
User information:
One, two or three of the statistics will be printed as follows: (1) negative terms on factor diagonal only if they exist; (2) maximum ratio only if it exceeds a threshold defined by the parameter MAXRATIO (default 1.0E7); (3) spill rows only if the problem spills.
Depending on the context, these messages may indicate modeling

problems. The threshold may be changed with the parameter MAXRATIO, however, the user is cautioned against arbitrarily increasing the MAXRATIO value just to get the model to run. The cause of large MAXRATIOs should be investigated.
This message is also generated (though the text is slightly different) when a Sturm check is performed during eigenvalue extraction. For this case, the message does not generally indicate a modeling problem.
See the NX NASTRAN Installation and Operation Instructions for a discussion of these statistics. See also the NX NASTRAN Numerical Methods User's Guide.

4158.3 *** SYSTEN INFORMATION MESSAGE 4158.
SPILL I/O =%1 SEC

4158.4 *** USER INFORMATION MESSAGE 4158 (SDCBOD)
STATISTICS FOR %1E%2 DECOMPOSITION OF DATA BLOCK %3 FOLLOW
MAXIMUM RATIO OF MATRIX DIAGONAL TO FACTOR DIAGONAL =%4 AT ROW NUMBER %5
User information:
One, two or three of the statistics will be printed as follows: (1) negative terms on factor diagonal only if they exist; (2) maximum ratio only if it exceeds a threshold defined by the parameter MAXRATIO (default 1.0E7); (3) spill rows only if the problem spills.
Depending on the context, these messages may indicate modeling problems. The threshold may be changed with the parameter MAXRATIO, however, the user is cautioned against arbitrarily increasing the MAXRATIO value just to get the model to run. The cause of large MAXRATIOs should be investigated.
This message is also generated (though the text is slightly different) when a Sturm check is performed during eigenvalue extraction. For this case, the message does not generally indicate a modeling problem.
See the NX NASTRAN Installation and Operation Instructions for a discussion of these statistics. See also the NX NASTRAN Numerical Methods User's Guide.

4158.5 *** USER INFORMATION MESSAGE 4158 (SDCBOD)
STATISTICS FOR %1E%2 DECOMPOSITION OF DATA BLOCK %3 FOLLOW
NUMBER OF ROWS WRITTEN TO SPILL FILE =%4, RATIO =%5

4158.6 *** USER INFORMATION MESSAGE 4158 (SDCBOD)
STATISTICS FOR %1E%2 DECOMPOSITION OF DATA BLOCK %3 FOLLOW
NUMBER OF NEGATIVE TERMS ON FACTOR DIAGONAL =%4
MAXIMUM RATIO OF MATRIX DIAGONAL TO FACTOR DIAGONAL =%5 AT ROW NUMBER %6
User information:
One, two or three of the statistics will be printed as follows:

(1) negative terms on factor diagonal only if they exist; (2) maximum ratio only if it exceeds a threshold defined by the parameter MAXRATIO (default 1.0E7); (3) spill rows only if the problem spills.
Depending on the context, these messages may indicate modeling problems. The threshold may be changed with the parameter MAXRATIO, however, the user is cautioned against arbitrarily increasing the MAXRATIO value just to get the model to run. The cause of large MAXRATIOs should be investigated.
This message is also generated (though the text is slightly different) when a Sturm check is performed during eigenvalue extraction. For this case, the message does not generally indicate a modeling problem.
See the NX NASTRAN Installation and Operation Instructions for a discussion of these statistics. See also the NX NASTRAN Numerical Methods User's Guide.

4179.0 *** USER FATAL MESSAGE 4179 (SEPTRE)
SETREE CONTAINS NON-UNIQUE DOWNSTREAM ID-S %1 AND %2 FOR SUPERELEMENT %3.

4179.1 *** USER FATAL MESSAGE 4179 (SEP1A)
TABLE %1 CONTAINS NON-UNIQUE DOWNSTREAM ID-S %2 AND %3 FOR SUPERELEMENT %4

4180.0 *** USER FATAL MESSAGE 4180---
NUMBER OF GENERALIZED COORDINATES REQUIRED IS %1
ONLY%2 GENERALIZED COORDINATES AVAILABLE
User information:
An insufficient number of generalized coordinates has been specified by the user on the DYNRED Bulk Data entry.
Bulk Data entry.

4181.0 *** USER INFORMATION MESSAGE 4181---
NUMBER OF ROOTS BELOW %1 CYCLES IS %2
NUMBER OF GENERALIZED COORDINATES SET TO %3
User information:
The message specifies the number of generalized coordinates as determined by the program. The number of generalized coordinates chosen (if autoselection is used) is the minimum of the following quantities:
1. 1.5 times the number of natural frequencies below FMAX, rounded up to the next integer multiple of the number of initial random vectors.
2. The number of non-zero columns of the matrix.
If there are any natural frequencies below FMAX, a minimum of NIRV (from the DYNRED entry) generalized coordinates is always provided.
If FMAX is below all natural frequencies and there are no physical degrees of freedom in the a set, User Fatal Message 4683 will result.

4182.0 *** USER FATAL MESSAGE 4182 (SEPTRE)
SETREE REFERENCES UNDEFINED SUPERELEMENT %1.

4182.1 *** USER FATAL MESSAGE 4182 (SEP1A)
TABLE %1 REFERENCES UNDEFINED SUPERELEMENT %2

4183.0 *** USER WARNING MESSAGE 4183 (SEP1A)
TABLE %1 DID NOT SPECIFY DOWNSTREAM CONNECTION FOR
THE FOLLOWING SUPERELEMENTS.
USER INFORMATION: A RESIDUAL-ONLY MODEL IS ASSUMED.

4185.0 *** USER FATAL MESSAGE 4185 (SEPTRE)
SETREE SPECIFIES CLOSED SUPERELEMENT CONNECTIVITY LOOP
BEGINNING WITH SUPERELEMENT %1
SE ID DOWNSTREAM ID

4185.1 *** USER FATAL MESSAGE 4185 (SEP1A)
TABLE %1 SPECIFIES CLOSED SUPERELEMENT CONNECTIVITY
LOOP BEGINNING WITH SUPERELEMENT %2
SE ID DOWNSTREAM ID

4192.0 *** SYSTEM FATAL MESSAGE 4192 (SEDR)
GRID POINT %1 IN SUPERELEMENT %2 IS NOT DEFINED IN
GDNTAB FOR DOWNSTREAM SUPERELEMENT %3.
System information:
There are two probable causes for the failure: (1) User has made
some changes to the geometry for the superelement and has not
regenerated the SEMAP data block (or has fetched an incorrect
version of SEMAP from the database); or (2) a programming logic
error exists in SEP2 in preparing the data block subsets.

4192.1 *** SYSTEM FATAL MESSAGE 4192 (SEMA)
GRID POINT %1 IN SUPERELEMENT %2 IS NOT DEFINED IN BGPDT
FOR DOWNSTREAM SUPERELEMENT %3
System information:
There are two probable causes for the failure: (1) User has made
some changes to the geometry for the superelement and has not
regenerated the SEMAP data block (or has fetched an incorrect
version of SEMAP from the database); or (2) a programming logic
error exists in SEP2 in preparing the data block subsets.

4192.2 *** SYSTEM FATAL MESSAGE 4192 (SEMA)
BOUNDARY POINT%1B IN SUPERELEMENT%2 IS NOT DEFINED IN
BGPDT FOR DOWNSTREAM SUPERELEMENT%3

4193.0 *** USER WARNING MESSAGE 4193---
A GRID AND COMPONENT SPECIFICATION ON A %1SID = %2, DOES
NOT APPEAR ON A DAREA OR
SPCD CARD.
User information:
The area specification is set to zero.

4194.0 *** USER FATAL MESSAGE 4194.
ROD ELEMENT %1 HAS ILLEGAL GEOMETRY DUE TO
DEFORMATIONS.

4194.1 *** USER FATAL MESSAGE 4194.
PENTA ELEMENT %1 HAS ILLEGAL GEOMETRY DUE TO DEFORMATIONS.

4194.2 *** USER FATAL MESSAGE 4194.
HEXA ELEMENT %1 HAS ILLEGAL GEOMETRY DUE TO DEFORMATIONS.

4194.3 *** USER FATAL MESSAGE 4194.
BEAM ELEMENT %1 HAS ILLEGAL GEOMETRY DUE TO DEFORMATIONS.

4194.4 *** USER FATAL MESSAGE 4194 (GTR3D)
TRIA3 ELEMENT %1 HAS ILLEGAL GEOMETRY DUE TO DEFORMATIONS.

4194.5 *** USER FATAL MESSAGE 4194 (GTR3D)
TRIAR ELEMENT %1 HAS ILLEGAL GEOMETRY DUE TO DEFORMATIONS.

4194.6 *** USER FATAL MESSAGE 4194.
QUAD4 ELEMENT %1 HAS ILLEGAL GEOMETRY DUE TO DEFORMATIONS.

4194.7 *** USER FATAL MESSAGE 4194.
QUADR ELEMENT %1 HAS ILLEGAL GEOMETRY DUE TO DEFORMATIONS.

4194.10 *** USER FATAL MESSAGE 4194.
QUADR ELEMENT %1 HAS ILLEGAL GEOMETRY DUE TO DEFORMATIONS.

4194.11 *** USER FATAL MESSAGE 4194.
TRIAR ELEMENT %1 HAS ILLEGAL GEOMETRY DUE TO DEFORMATIONS.

4196.0 *** USER WARNING MESSAGE 4196,
POINT ID =%1 .GE. %2 (MESSAGE NOT REPEATED FOR ANY OTHER SUCH POINTS)
User information:
The indicated point ID is greater than the maximum allowed.
Only one such message is printed.

4197.0 *** USER WARNING MESSAGE 4197,
MORE THAN %1 UNIQUE ENTRYS WILL NOT BE LISTED IN FULL.
User information:
Word size insufficient to hold the indicated number of unique entries.
Additional unique entries will not be processed. Only one such message printed.

4198.0 *** USER WARNING MESSAGE 4198,
UNABLE TO PRINT UNIQUE CONNECTIVITY LIST SORTED BY SUPERELEMENT ID DUE TO INSUFFICIENT CORE.
ADDITIONAL CORE NEEDED =%1 WORDS.

User information:
The indicated additional memory is required to process the
unique connectivity list sorted by superelement ID.

4200.0 *** USER WARNING MESSAGE 4200,
KEYWORD %1 NOT RECOGNIZED. IT WILL BE IGNORED.
User information:
DIT keyword for superelement time estimation not in recognized
list and is ignored. List of acceptable keywords is printed after
first unrecognized keyword is encountered.

4201.0 *** SYSTEM FATAL MESSAGE 4201 (GNFMID)
THE DICTIONARY DESCRIPTION OF THE STIFFNESS MATRIX IS
UNACCEPTABLE AT LOC= %1
EITHER IN FORM= %2 OR BAD SIL = %3 FOR ELEMENT ID = %4
System information:
Programming error in processing stiffness matrix in nonlinear analysis.

4201.1 *** SYSTEM FATAL MESSAGE 4201 (NKUPTD)
THE DICTIONARY DESCRIPTION OF THE STIFFNESS MARTIX IS
UNACCEPTABLE TO %1
EITHER IN FORM=%2 OR BAD SIL =%3 FOR ELEMENT ID =%4
System information:
Programming error in processing stiffness matrix in nonlinear analysis.

4202.0 *** SYSTEM FATAL MESSAGE 4202 (GNFM)
CANNOT FIND CORRELATED ENTRIES IN THE EST, STIFFNESS,
AND DIFFERENTIAL STIFFNESS MATRICES.
LOC=%1 ELTYPE= %2 ELID=%3,%4,%5,
System information:
Programming error in processing stiffness matrix in nonlinear analysis.

4203.0 *** USER WARNING MESSAGE 4203 ,
THE SEMAP DATA BLOCK HAS BEEN MARKED NON-EXECUTABLE
BY MODULE SEP1.
User information:
Warning message is issued by SEP1 during generation of the superelement
map. Fatal message is issued by SEP3 if further execution is attempted
without regenerating the superelement map.

4203.1 *** SYSTEM WARNING MESSAGE 4203 (SEP1)
THE SEMAP DATA BLOCK HAS BEEN MARKED NON-
EXECUTABLE. (SEE ERRORS NOTED ABOVE)
System information:
Warning message is issued by SEP1 during generation of the superelement
map. Fatal message is issued by SEP3 if further execution is attempted
without regenerating the superelement map.

4203.2 *** SYSTEM FATAL MESSAGE 4203.
THE SEMAP DATA BLOCK HAS BEEN MARKED NON-EXECUTABLE
BY SEP1.(SEE ERRORS NOTED IN CREATION RUN)

System information:
Warning message is issued by SEP1 during generation of the superelement map. Fatal message is issued by SEP3 if further execution is attempted without regenerating the superelement map.

4204.0 *** USER WARNING MESSAGE 4204,
RSPLINE %1 SEGMENT %2 HAS NO DEPENDENT DEGREES OF FREEDOM.
User information:
The RSPLINE has a segment with two independent grid points with no dependent grid points between them.

4214.0 *** USER INFORMATION MESSAGE 4214.
ROW AND COLUMN%1 OF DATA BLOCK %2 ARE NULL. DIAGONAL TERM REPLACED WITH 1.0
User information:
This message is printed (depending on the option selected) by the unsymmetric decomposition routine. If the default option is selected, this message will be treated as an error condition and the execution aborted at the completion of the preface of the decomposition.
Schedule matrix partitioning or other technique to remove singularities.

4214.1 *** SYSTEM INFORMATION MESSAGE 4214 (SDCBOD)
%1 SUBSTITUTED FOR DIAG. TERM OF LOWER TRIANGULAR FACTOR AT ROW %2

4215.0 *** USER WARNING MESSAGE 4215.
%1%2%3 OF DATA BLOCK %4 IS NULL BUT %5%6%7 IS NOT.
User information:
The matrix is singular and cannot be decomposed by the unsymmetric decomposition routine. Examine and correct data which caused singular matrix to be generated.

4216.0 *** USER INFORMATION MESSAGE 4216 ---
PARAMETERS FOR PARALLEL SPARSE UNSYM. DECOMP OF DATA BLOCK %1(TYPE=%2) FOLLOW
MATRIX SIZE =%3 ROWS NUMBER OF NONZEROES =%4 TERMS NUMBER OF ZERO COLUMNS =%5 NUMBER OF ZERO DIAGONAL TERMS =%6
SYSTEM (107) =%7 REQUESTED PROC. =%8 CPUS

4216.1 *** USER INFORMATION MESSAGE 4216 ---
PARAMETERS FOR SPARSE UNSYM. DECOMP OF DATA BLOCK %1(TYPE=%2) FOLLOW
MATRIX SIZE =%3 ROWS NUMBER OF NONZEROES =%4 TERMS NUMBER OF ZERO COLUMNS =%5 NUMBER OF ZERO DIAGONAL TERMS =%6

4216.2 *** USER INFORMATION MESSAGE 4216.
PARAMETERS FOR UNSYMMETRIC DECOMPOSITION OF DATA BLOCK %1(TYPE=%2) FOLLOW

MATRIX SIZE =%3 ROWS CPU TIME ESTIMATE =%4 SECS I/O TIME ESTIMATE =%5 SECS
ACTIVE COLS =%6 AVG ACTIVE COLS =%7 MAX ACTIVE COLS*ROWS =%8 AVG
ACTIVE ROWS =%9 AVG ACTIVE ROWS =%10 MAX ACTIVE COLS*ROWS =%11 MAX
SPILL =%12 GROUPS SPILL GROUP AVG =%13 ROWS SPILL TOTAL =%14 BLOCKS
PASSIVE COLS/ROWS =%15 GROUPS PASSIVE COLS*ROWS =%16 AVG PASSIVE COLS*ROWS =%17 MAX
ADDITIONAL MEMORY =%18 WORDS NZ NBR IN LOWER =%19 TERMS NZ NBR IN UPPER =%20 TERMS

4217.0 *** USER INFORMATION MESSAGE 4217.
DECOMPOSITION OF DATA BLOCK %1 TERMINATED ACCORDING TO USER REQUEST.
User information:
The bit corresponding to 26 has been set in SYSTEM(69) indicating that the execution is to be terminated after execution of the preface of symmetric or unsymmetric decomposition. This occurs when a zero diagonal occurs and SYSTEM(69) is not set to continue (SYSTEM(69)=16). This message is often preceded by a message that indicates the offending column.

4217.3 *** USER INFORMATION MESSAGE 4217
ITERATIVE SOLVER TERMINATED ACCORDING TO USER REQUEST (PREFONLY

4217.9 *** USER INFORMATION MESSAGE 4217.
DECOMPOSITION OF DATA BLOCK %1 TERMINATED ACCORDING TO USER REQUEST.

4218.0 *** SYSTEM FATAL MESSAGE 4218.
UNSYMMETRIC DECOMPOSITION OF DATA BLOCK %1 IS ABORTED DUE TO INSUFFICIENT MEMORY. REASON =%2
System information:
The preface of the unsymmetric decomposition has insufficient memory to execute.
Reasons are:
100 minimum core= * MATRIX SIZE + 7 * BUFFSIZE not available.
190 nonzero terms in longest column do not fit.
218 active row vector does not fit.
222 nonzero terms in longest row do not fit.
302 active column vector does not fit.
320 spill definition table does not fit.
335 spill definition table does not fit.

4219.0 *** SYSTEM FATAL MESSAGE 4219.
UDCOMP LOGIC ERROR %1. CONTENTS OF /UDCOMX/ FOLLOW...
System information:

A situation which the program is not prepared to handle has occurred.
Contact SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

4221.0 *** USER WARNING MESSAGE 4221 (SEP2SE)
%1 ENTRY REFERENCES SECONDARY SUPERELEMENT %2 WHICH IS NOT ALLOWED.
User information:
The referenced entries define interior constraints of superelements. Secondary superelements automatically have the same interior constraints as their primary superelement, hence no other constraints may be specified. Remove the entries listed.

4222.0 *** USER FATAL MESSAGE 4222 (SEP2SE)
%1 ENTRY FOR SUPERELEMENT %2 REFERENCES INTERIOR POINT %3.
User information:
The referenced entries are used to place exterior points in special boundary sets. Either change grid from interior to exterior, or remove offending SE-type bulk data entry.

4223.0 *** USER FATAL MESSAGE 4223
%1 ENTRY FOR SUPERELEMENT %2 REFERENCES UNDEFINED POINT %3.
User information:
These entries must reference exterior grid or scalar points for the superelement they reference. Inspect the SEMAP for the list of exterior degrees of freedom of the superelement.

4224.0 %1 ENTRY REFERENCES UNDEFINED SUPERELEMENT %2
USER INFORMATION: THE %3 ENTRY WILL BE IGNORED.
These entries define generalized coordinates of superelements. Inspect the SEMAP table for the list of superelement identification numbers in the model.

4224.1 *** USER FATAL MESSAGE 4224 (SEPMC1)
SECONCT ENTRY REFERENCES UNDEFINED SUPERELEMENT %1
USER INFORMATION: THE SENQSET ENTRY WILL BE IGNORED.

4224.2 *** USER WARNING MESSAGE 4224 (SEPMA1)
%1 ENTRY REFERENCES AN UNDEFINED SUPERELEMENT %2.
User information:
These entries define generalized coordinates of superelements. Inspect the SEMAP table for the list of superelement identification numbers in the model.

4224.3 *** USER WARNING MESSAGE 4224 (SEPAQN)
SENQSET ENTRY REFERENCES UNDEFINED SUPERELEMENT %1
USER INFORMATION: THE SENQSET ENTRY WILL BE IGNORED.

4224.4 *** USER FATAL MESSAGE 4224 (SEP1C)
%1 ENTRY REFERENCES UNDEFINED SUPERELEMENT %2
User information:

These entries define generalized coordinates of superelements. Inspect the SEMAP table for the list of superelement identification numbers in the model.

4225.0 *** USER FATAL MESSAGE 4225---,
THE NUMBER OF GENERALIZED COORDINATES IS%1, WHICH IS GREATER THAN THE ASET SIZE%2
User information:
For generalized dynamic reduction, the user must define at least as many ASET points as there are generalized coordinates. The user may either reduce the number of generalized coordinates or increase the number of ASET points.

4227.0 *** USER FATAL MESSAGE 4227
ILLEGAL VALUE SPECIFIED FOR CTYPE PARAMETER
User information:
CTYPE can only take on the values DIH, AXI or ROT.

4228.0 *** USER FATAL MESSAGE 4228,
TEMPERATURE SET %1 CONTAINS DUPLICATE GRID ID (%2).
User information:
A grid point has been referenced more than once within the temperature set indicated.

4234.0 *** USER INFORMATION MESSAGE 4234.
UFBS TIME ESTIMATE TO FORM %1(TYPE=%2) CPU=%3, I/O=%4,TOTAL=%5,PASSES=%6

4234.1 *** USER INFORMATION MESSAGE 4234.
UFBS METHOD %1 TIME ESTIMATE TO FORM %2 - CPU=%3, I/O=%4, TOTAL=%5, PASSES=%6

4234.3 *** USER INFORMATION MESSAGE 4234.
LEFT HANDED UFBS TIME ESTIMATE TO FORM %1CPU=%2, I/O=%3,TOTAL=%4,PASSES=%5

4235.0 *** USER FATAL MESSAGE 4235 (SEP1C)
CSUPER ENTRY %1 REFERENCES INTERIOR POINT %2 OF ITS PRIMARY SUPERELEMENT.

4236.0 *** USER FATAL MESSAGE 4236 (SEP1C)
NUMBER OF EXTERIOR GRID POINTS FOR SECONDARY SUPERELEMENT %1
IS NOT EQUAL TO NUMBER FOR PRIMARY SUPERELEMENT %2
User information:
Probably an error on the CSUPER Bulk Data entry for the secondary superelement.

4237.0 *** USER FATAL MESSAGE 4237 (SEP1C)
SEQSEP ENTRY REFERENCES SECONDARY SUPERELEMENT %1 WHICH WAS NOT DEFINED ON A CSUPER ENTRY.

4238.0 *** USER FATAL MESSAGE 4238 (SEP1C)

NUMBER OF GRID POINTS ON SEQSEP %1 DOES NOT MATCH NUMBER ON REFERENCED CSUPER ENTRY.

4239.0 *** USER FATAL MESSAGE 4239 (SEP1C)
SEQSEP %1 REFERENCES PRIMARY SUPERELEMENT %2 WHICH IS DEFINED AS A SECONDARY.

4240.0 *** USER FATAL MESSAGE 4240 (TA1BND)
BEND ELEMENT %1 BEND RADIUS OR ARC ANGLE INCONSISTENT WITH GEOM OPTION
User information:
RB is nonzero on PBEND entry when GEOM option on CBEND entry is 1, 2, or 4 or RB is zero when GEOM option is 3 or AB is nonzero when when GEOM option is 1, 2, or 3 or B is .LE. zero or .GT. 180, when GEOM option is 4. Fix inconsistency and resubmit run.

4241.0 *** SYSTEM INFORMATION MESSAGE 4241 (COMIFP)
---, COMIFP ABORTED, %1%2 FILE COMPARISON OF CARD TYPE %3 ESTIMATED INCREASED CORE REQUIREMENT = %4 WORDS.
System information:
Increase core available by at least suggested amount.

4242.0 *** SYSTEM INFORMATION MESSAGE 4242 (COMIFP)
--- %1 -- CARD IMAGE(S) CANNOT BE RECONSTRUCTED PRESENTLY, (ICS=%2).
THE CARD(S) REPRESENTED BY THIS %3 RECORD ARE %4
System information:
Either insufficient information in the IFP file to reconstruct the entry type or the entry is currently not implemented in module.

4243.0 ***USER FATAL MESSAGE 4243 (IFPDRV)
ELEMENT TYPE %1 IS OUT OF SORT STARTING WITH ID %2
User information:
Elements which were allowed to be input two per entry, must now be input in sort. Make two physical entries for the out-of-sort elements and resubmit.

4244.0 *** USER FATAL MESSAGE 4244 (SEP1C)
SEQSEP %1 REFERENCES PRIMARY SUPERELEMENT %2 WHICH IS UNDEFINED.
User information:
The PSID field should reference the same primary superelement that the CSUPER entry does. Change the PSID field on the CSUPER and SEQSEP entries to reference a primary superelement.

4245.0 *** USER FATAL MESSAGE 4245 (SEP1C)
SEQSEP %1 REFERENCES GRID POINT %2 WHICH IS NOT IN SUPERELEMENT %3
User information:
SEMAP table to find the exterior grid points of the primary superelement. Inspect the SEMAP table to find the exterior grid points of the

primary superelement.

4246.0 *** USER FATAL MESSAGE 4246 (SEP1C)
SEQSEP %1 REFERENCES UNDEFINED GRID POINT %2
User information:
Same comments as Message 4245.

4247.0 *** USER FATAL MESSAGE 4247.
SECONDARY SUPERELEMENT%1 AND PRIMARY SUPERELEMENT%2
HAVE SCALAR POINTS IN DIFFERENT SEQUENCE.
User information:
Scalar points are included in the same sequence as grid points when establishing exterior grid and scalar point sequencing.

4248.0 *** USER INFORMATION MESSAGE 4248.
NUMBER OF EXTERIOR GRID POINTS .LT. 3 FOR SECONDARY SUPERELEMENT%1
CONGRUENCE TEST WITH PRIMARY SUPERELEMENT%2 CANNOT BE PERFORMED.
User information:
The first three noncollinear exterior grid points of the secondary superelement and its primary superelement are used to establish local coordinate systems for grid point location and global coordinate congruence test. These tests will not be performed if there are less than three exterior grid points. A third point may be attached to the primary superelement by use of a CSUPEXT entry, if congruence tests are desired. It will not change the load paths of the structure.

4249.0 *** USER FATAL MESSAGE 4249.
SUPERELEMENT PROCESSING REQUESTED BUT SEMAP DATA BLOCK IS MISSING.
User information:
One cause is improper use of PARAM,DLOAD or PARAM,NODATA. Another
cause might be lack of a RESTART FMS statement on restart. Use PARAM,DBDICT,2 to print the contents of database.

4251.0 *** USER FATAL MESSAGE 4251 (SEPSET)
CONFLICTING DEFINITIONS FOR GRID POINT %1 ON SESET ENTRIES FOR SUPERELEMENTS %2 AND %3
User information:
SESET entries are used to describe the interior grid point membership of superelements. A grid point may be interior to only one superelement. Remove one of the offending SESET entries.

4252.0 *** SYSTEM FATAL MESSAGE 4252 (SEMA)
MATRIX %1 FOR UPSTREAM SUPERELEMENT %2 DOES NOT EXIST.
USER INFORMATION: THE CURRENT SUPERELEMENT REQUIRES ALL OF ITS UPSTREAM SUPERELEMENT MATRICES

FOR ASSEMBLY INTO THE CURRENT SUPERELEMENT. THE PROBABLE CAUSES ARE:
1. THE UPSTREAM SUPERELEMENT'S DBSET OR DATABASE IS NOT ATTACHED.
2. THE UPSTREAM SUPERELEMENT DID NOT COMPLETE REDUCTION IN A PREVIOUS RUN.
USER ACTION: RERUN THE REDUCTION OF THE UPSTREAM SUPERELEMENT AND/OR ENSURE THAT THE DBSET AND/OR DBLOCATE'D DATABASE WHICH CONTAINS THE UPSTREAM SUPERELEMENT MATRIX IS ATTACHED.

4253.0 *** SYSTEM FATAL MESSAGE 4253,
GRID POINTS LISTED FOR DOWNSTREAM SUPERELEMENT IN BGPDT TABLE DO NOT MATCH CURRENT SEMAP.
System information:
If the downstream database is assembled, and then its bulk data is changed, its stored matrices and tables will not match the current SEMAP. This can also happen using multiple databases if an obsolete database is mounted. Perform the SEALL operation on the downstream superelement, or attach the correct downstream database.
Another possible cause is JCL errors that cause the old database to be improperly attached.

4254.0 *** USER FATAL MESSAGE 4254 (SEP1A)
CSUPER ENTRY DEFINES SECONDARY SUPERELEMENT %1 WHICH IS ALREADY DEFINED AS A PRIMARY.
User information:
Image, mirror and external superelements are defined on CSUPER entries. They may not have the same identification number as existing primary superelements.
Change the SSID field on the CSUPER entry.

4255.0 *** SYSTEM FATAL MESSAGE 4255.
UNSYMMETRIC DECOMPOSITION OF DATA BLOCK %1 FAILS AT ROW %2. UNABLE TO PIVOT.
UII/MAXUIJ =%3
System information:
The matrix is undoubtedly singular. No terms which exceed the user specified threshold (or its default) were available to allow pivoting to take place. Use SOL 60 or PARAM,CHECKOUT to determine where the problems exist, and look for large MAXRATIOs. See Chapter 9 or the NX NASTRAN Numerical Methods User's Guide for further discussion.
If this message is followed by UFM 3005, referring to subroutine MCE1, it can be because the DOF defined on the dependent set on an RBE3 entry are indeterminate and form a redundant set. See Section 9.4.1 and Remark 3 under RBE3 in the NX NASTRAN Quick Reference Guide, Section 5.
See also Error Report 3486 in Chapter 17.

4255.1 *** SYSTEM FATAL MESSAGE 4255.
INCORE UNSYMMETRIC DECOMPOSITION FAILS AT COLUMN %1
UNABLE TO PIVOT.

4256.0 *** SYSTEM INFORMATION MESSAGE 4256---,
MPC SEQUENCE PROCESSING HAS COMPLETED.
System information:
Message appears if NOGO flag set information message to indicate that MPC processing has completed. Under condition where NEWSEQ=-1 and MPC 0 on input, the NOGO flag is set at start of SEQP module processing. If MPC processing is successful, no error messages or other information messages would appear prior to termination of run. Some doubt may otherwise be left in the user's mind that anything had been done.

4257.0 *** USER FATAL MESSAGE 4257.
FLUID MATRIX CALCULATION STOPPING BECAUSE ELEMENTS%1 AND%2 HAVE ZERO DISTANCE.
User information:
Elements noted have zero separation. Element centers are coincidental, not allowed for fluid interaction calculation.

4258.0 *** USER FATAL MESSAGE 4258.
ELEMENT%1, WHICH IS ON FLUID STRUCTURE BOUNDARY, CROSSES A PLANE OF SYMMETRY.
User information:
None of the elements included in an MFLUID group may span a symmetry plane.

4259.0 *** USER FATAL MESSAGE 4259. (FMPH1D)
ELIST VALUES ON MFLUID CARDS MAY NOT BOTH BE ZERO.
User information:
MFLUID entry parameters ELIST1 and ELIST2 may not both be zero. This constitutes a fluid group containing no element surfaces.

4260.0 ***USER WARNING MESSAGE 4260 (SBEN2D)
%1 CHARACTERISTIC PARAMETER EXCEEDS RANGE OF APPLICABILITY FOR ELEMENT %2
User information:
Stress output for the CBEND element may exceed the range of applicability for the following stress intensification options. For CBEND elements with the FSI option of 3; the bending parameter should be within
0.5 < = T*RB/(r**2*SQRT(1-nu**2)) < = 1.0
the pressure should be within
0. < = P*RB**2/(E*r*t) < = 0.1
For the CBEND elements with the FSI option of 2, 4 or 5 the bending parameter should be
t*RB/(r**2*SQRT(1-nu**2)) > = 0.2
Change parameter so equations are within range.

4260.1 ***USER WARNING MESSAGE 4260 (EBEND)
FLEXIBILITY FACTOR KX EXCEEDS RANGE OF APPLICABILITY
FOR ELEMENT %1
User information:
The flexibility factor should be greater or equal to 1.0.
The analysis will continue with a value of 1.0.

4260.2 ***USER WARNING MESSAGE 4260 (EBEND)
FLEXIBILITY FACTOR KY EXCEEDS RANGE OF APPLICABILITY
FOR ELEMENT %1
User information:
The flexibility factor should be greater or equal to 1.0.
The analysis will continue with a value of 1.0.

4260.3 ***USER WARNING MESSAGE 4260 (EBEND)
FLEXIBILITY FACTOR KZ EXCEEDS RANGE OF APPLICABILITY
FOR ELEMENT %1
User information:
The flexibility factor should be greater or equal to 1.0.
The analysis will continue with a value of 1.0.

4260.4 ***USER WARNING MESSAGE 4260 (SBEN2D)
STRESS INTENSITY FACTOR SX EXCEEDS RANGE OF
APPLICABILITY FOR ELEMENT %1
User information:
The stress intensity factor should be greater or equal to 1.0.
The analysis will continue with a value of 1.0.

4260.5 ***USER WARNING MESSAGE 4260 (SBEN2D)
STRESS INTENSITY FACTOR SY EXCEEDS RANGE OF
APPLICABILITY FOR ELEMENT %1
User information:
The stress intensity factor should be greater or equal to 1.0.
The analysis will continue with a value of 1.0.

4260.6 ***USER WARNING MESSAGE 4260 (SBEN2D)
STRESS INTENSITY FACTOR SZ EXCEEDS RANGE OF
APPLICABILITY FOR ELEMENT %1
User information:
The stress intensity factor should be greater or equal to 1.0.
The analysis will continue with a value of 1.0.

4260.7 ***USER WARNING MESSAGE 4260 (SBEN2D)
ARC ANGLE LESS THAN APPLICABILITY ANGLE OF 30 DEGREES
FOR ELEMENT %1
User information:
The arc angle should be no less than 30 degrees for computing the
in-plane stress intensification factor with FSI = 4.
The analysis will continue with a value interpolated at 30 degrees.

4261.0 *** USER FATAL MESSAGE 4261---,

THE INPUT MAXIMUM NUMBER OF GENERALIZED COORDINATES IS ZERO.
User information:
NCMAX field on DYNRED entry is 0 or blank. Must be nonzero if QSETi or SEQSETi entries are not used.

4262.0 *** USER FATAL MESSAGE 4262---,
MASS MATRIX IS NOT PRESENT OR IS PURGED.
User information:
Dynamic reduction computes approximate eigenvectors and therefore requires nonzero mass terms. Determine why no mass terms are present and rectify. Common causes are no mass density input on material cards, or dynamic reduction not appropriate for massless superelement.

4265.0 *** USER WARNING MESSAGE 4265---,
RBE3 RECORD HAS ERRONEOUS GRID %1 AND COMPONENTS %2 SPECIFIED.
User information:
All grid and components specified in the m-set on the RBE3 entry must also be specified either in the REFGRID and component or in the independent grid and components.

4266.0 *** SYSTEM FATAL MESSAGE 4266---,
UNABLE TO FIND EXTERNAL GRID %1 IN THE EXTERNAL V. INTERNAL CONVERSION TABLE.
System information:
Either an internal logic error has occurred or erroneous data has been detected incoming to subroutine SEQMR for use in its MPC relations processing.

4267.0 *** USER FATAL MESSAGE 4267---,
THE NUMBER OF PHYSICAL DEGREES OF FREEDOM PLUS GENERALIZED CO-ORDINATES %1 IS LESS THAN NCMAX %2
User information:
The number of generalized coordinates specified by SPOINT and ASETi entries must match the NCMAX field.

4268.0 *** SYSTEM FATAL MESSAGE 4268---,
MINIMUM CONNECTIVITY SEARCH FAILED AFTER %1 GRIDS SEQUENCED.
System information:
Subroutine SEQMAC was unable to choose the next grid for sequencing before all grids had been sequenced. Possible cause believed to be machine failure or logic error.

4269.0 *** USER FATAL MESSAGE 4269. (FMPH1D)
ONE OR MORE ELIST BULK DATA CARDS IS MISSING.
User information:
MFLUID entry selects an ELIST entry which cannot be located.

4270.0 *** USER FATAL MESSAGE 4270. (FMPH1D)

SELECTED MFLUID BULK DATA CARD WITH ID %1 CANNOT BE FOUND.
User information:
MFLUID set selected in Case Control Section cannot be found.

4271.0 *** USER WARNING MESSAGE 4271. (FMPH1D)
MFLUID SET%1 CONTAINS NO ELEMENTS BELOW THE FLUID FREE SURFACE.
User information:
Possible error in defining fluid free surface. No elements are wetted.

4272.0 *** USER FATAL MESSAGE 4272. (FMPH1D)
COORDINATE SYSTEM%1 USED FOR FLUID-STRUCTURE INTERACTION NOT DEFINED
OR IS NOT A RECTANGULAR SYSTEM.
User information:
The coordinate system used to identify the orientations of the free surface (normal to X3) and the planes of symmetry (if any) must be rectangular. Review CID value on MFLUID entry.

4273.0 *** USER WARNING MESSAGE 4273. (FMPH1D)
ELEMENT %1 HAS BEEN LISTED MORE THAN ONCE FOR FLUID STRUCTURE BOUNDARY.
THIS COULD CAUSE UNPREDICTABLE OR INCORRECT RESULTS.
User information:
ELIST entries have referenced a given element ID more than once in an MFLUID group. This could cause unpredictable or incorrect results.

4274.0 *** USER WARNING MESSAGE 4274. (FMPH1D)
%1 ELEMENTS SELECTED FOR FLUID STRUCTURE BOUNDARY CANNOT BE FOUND
AMONG ALLOWED ELEMENT TYPES.
User information:
One or more element IDs referenced on ELIST entries were not present.

4275.0 *** SYSTEM FATAL MESSAGE 4275.
DURING A %1 OPERATION, UNIT = %2, DATA BLOCK=%3
, A %4 CONDITION OCCURRED. (%5CODE=%6)
System information:
Fatal error in subroutine IOVAX while processing I/O request.
I/O ERROR is either program logic or possible machine error condition.
If run is a restart and data block is from previous run, END-OF-DATA may be caused by improper job setup. Otherwise, END-OF-DATA is probably caused by a program logic error.
If error is in job setup, correct DCL and resubmit. Otherwise, examine the RMS codes for a possible I/O error or other type of machine error. If it does not appear to be caused by local hardware problems, forward the run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
Another possible cause is that the disk is full. See Error

Report 3161 in section 17.4 of NX NASTRAN Reference Manual.
Another possible cause is that the BUFFSIZE needs to be increased.
See Error Report 3484. If this corrects the error, please notify
SIEMENS PLM SOFTWARE CUSTOMER SUPPORT so it can be better documented.

4276.0 *** SYSTEM FATAL MESSAGE 4276 (%1).
ERROR CODE %1 PID=%2
USER INFORMATION: THIS ERROR MAY BE CAUSED BY EXCEEDING THE CAPACITY OF A SYSTEM RESOURCE.
(E.G., ALLOCATED DISK IS FULL, OR MAXIMUM FILE SIZE HAS BEEN REACHED)

4276.1 *** USER INFORMATION MESSAGE 4276 (%1).
TO OBTAIN %1 DUMP RESUBMIT JOB WITH DIAG 44 INSERTED IN THE EXECUTIVE CONTROL SECTION.

4276.2 *** SYSTEM FATAL MESSAGE 4276 (%1).
ERROR CODE %1 PID=%2

4277.0 *** USER FATAL MESSAGE 4277.
GRID POINT%1 OF SECONDARY SUPERELEMENT%2 IS NOT IN SAME RELATIVE LOCATION AS
GRID POINT%3 OF PRIMARY SUPERELEMENT%4
DELTA ALLOWED =%5 DELTA CALCULATED =%6
User information:
All grid points for secondary superelement must be in the same location as for primary superelement. See PARAMeter CONFAC described in Section 6 of the NX NASTRAN Quick Reference Guide.

4278.0 *** USER FATAL MESSAGE 4278.
GRID POINT%1 OF SECONDARY SUPERELEMENT%2 DOES NOT HAVE SAME GLOBAL ORIENTATION AS
GRID POINT%3 OF PRIMARY SUPERELEMENT%4
User information:
All grid points for a secondary superelement must have the same global coordinate system as the primary superelement. See PARAMeter CONFAC described in Section 6 of the NX NASTRAN Quick Reference Guide.

4281.0 *** USER FATAL MESSAGE 4281,
POOR CHOICE OF DEPENDENT DEGREE OF FREEDOM ON RIGID ROD %1
User information:
The dependent degree of freedom should not be perpendicular (or nearly so) to the RROD.

4282.0 *** USER FATAL MESSAGE 4282, (RBSRHD)
UNDEFINED GRID POINT %1 RIGID ELEMENT %2
User information:
The rigid element references a grid point that does not exist in the model, or is disjoint from the superelement being

processed. Check the Bulk Data Section and the superelement SEMAP table for the existence of the grid point referenced.

4283.0 *** USER FATAL MESSAGE 4283. (RBDNMD)
ILL-CONDITIONED CONSTRAINT MATRIX FOR RIGID ELEMENT %1
User information:
The independent degrees of freedom of a rigid element must form a nonredundant and sufficient set of freedoms to define rigid motions.

4284.0 *** USER FATAL MESSAGE 4284. (RBE3D)
RIGID ELEMENT %1 HAS ILLEGAL UM SET SPECIFICATION
User information:
One or more unique dependent degrees of freedom must be selected for a rigid element.

4284.1 *** USER FATAL MESSAGE 4284. (RBE3D)
GRID POINT %1 ON RBE3 ELEMENT %2 IS NOT CONNECTED TO ANOTHER ELEMENT
User information:
If a dependent grid on an RBE3 element is not connected to another element, it will be autospc'd thus grounding the structure.

4284.2 *** USER FATAL MESSAGE 4284. (RBE3D)
GRID POINT %1 ON RBE3 ELEMENT %2 IS NOT CONNECTED TO ANOTHER ELEMENT
WITHIN THIS SUPERELEMENT DOMAIN. CONFIRM THAT THE GRID POINT IN QUESTION
IS CONNECTED TO ELEMENTS IN ANOTHER SUPERELEMENT OR DOMAIN AND, IF SO, SET
SYSTEM CELL 409 TO A 1 TO MAKE THE RBE3 CHECK ONLY A WARNING.
User information:
If a dependent grid on an RBE3 element is not connected to another element, it will be autospc'd thus grounding the structure.

4286.0 *** USER FATAL MESSAGE 4286,
RSPLINE %1 HAS MORE THAN 100 GRID POINTS
User information:
The number of grid points for an RSPLINE is limited.

4287.0 *** USER FATAL MESSAGE 4287 ,
ILLEGAL THICKNESS FOR PLATE ELEMENT ID = %1
User information:
The user can supply thickness either on the connection entry or the PSHELL property entry. No corner thickness may be negative and at least one corner thickness must be positive.

4287.1 *** USER FATAL MESSAGE 4287 ,
ILLEGAL THICKNESS FOR CRAC2D ELEMENT ID = %1

4288.0 *** USER FATAL MESSAGE 4288 (EPTTRD)

ILLEGAL GEOMETRY FOR QUAD8 ELEMENT WITH ID =%1. CODE PATH = %2
User information:
The code paths refer to the reason. Reasons 1 through 5 mean that the program was unable to find an element coordinate system. Reasons 6 through 12 imply the program cannot find a local coordinate system at a Gauss point. Reason 13 may be due to a negative 12I/T3 (PSHELL). Reason 14 is due to zero transverse shear thickness (PSHELL). Reason 21 occurs if the isoparametric mapping is unreasonable, which can occur if the midside nodes are too close to the corners.

4288.1 *** USER FATAL MESSAGE 4288. (NTR6D)
ILLEGAL GEOMETRY FOR TRIA6 ELEMENT WITH ID =%1. CODE PATH =%2

4288.2 *** USER FATAL MESSAGE 4288. (GPJAC)
ILLEGAL GEOMETRY FOR %1 ELEMENT WITH ID =%2. CODE PATH =%3

4289.0 *** SYSTEM FATAL MESSAGE 4289.
CORE IS INSUFFICIENT BY A BASE10
AMOUNT =%1 WORDS TO PROCESS PENTA ELEMENT WITH ID =%2

4289.1 *** SYSTEM FATAL MESSAGE 4289.
CORE IS INSUFFICIENT BY A BASE10
AMOUNT =%1 WORDS TO PROCESS QUAD8 ELEMENT WITH ID =%2

4289.2 *** SYSTEM FATAL MESSAGE 4289 (STR61D)
CORE IS INSUFFICIENT BY A BASE10 AMOUNT =%1 WORDS TO PROCESS TRIA6 ELEMENT WITH ID =%2

4289.3 *** SYSTEM WARNING MESSAGE 4289
THE OUT-OF-PLANE MATERIAL FAILURE CONSTANTS FOR %1 FAILURE THEORY ON MATERIAL ID =%2 ARE MISSING.
ONLY THE IN-PLANE FAILURE INDICES/STRENGTH RATIOS WILL BE COMPUTED.

4289.4 *** SYSTEM WARNING MESSAGE 4289
THE MATERIAL FAILURE CONSTANTS FOR %1 FAILURE THEORY ON MATERIAL ID =%2 ARE MISSING.
THE FAILURE INDICES/STRENGTH RATIOS WILL NOT BE COMPUTED FOR ALL PLIES ASSOCIATED WITH THIS MATERIAL.

4290.0 *** USER FATAL MESSAGE 4290.
FOR QUAD ELEMENT WITH ID =%1 THE MATERIAL ROUTINE - MAT- RETURNS
A 3X3 MATERIAL MATRIX WITH EITHER OR BOTH OF TERMS G11 ANDG22 EQUAL TO ZERO. MATERIAL ID CONCERNED EQUALS%2

4290.1 *** USER FATAL MESSAGE 4290.

FOR QUAD8 ELEMENT WITH ID =%1 THE MATERIAL ROUTINE -
MAT- RETURNS
A 3X3 MATERIAL MATRIX WITH EITHER OR BOTH OF TERMS G11
ANDG22 EQUAL TO ZERO. MATERIAL ID CONCERNED EQUALS%2
User information:
Nonzero values of bending stiffness are required if MID2
data is supplied.

4291.0 *** USER FATAL MESSAGE 4291.
FOR TRIA3 ELEMENT WITH ID =%1
THE MATERIAL ROUTINE -MAT- RETURNS A 2X2 J-MATRIX FOR
MATERIAL ID =%2 WHICH IS SINGULAR.

4291.2 *** USER FATAL MESSAGE 4291. (SQD41D)
FOR QUAD4 ELEMENT WITH ID =%1
THE MATERIAL ROUTINE -MAT- RETURNS A 2X2 J-MATRIX FOR
MATERIAL ID =%2 WHICH IS SINGULAR.

4291.3 *** USER FATAL MESSAGE 4291.
FOR QUAD8 ELEMENT WITH ID =%1
THE MATERIAL ROUTINE -MAT- RETURNS A 2X2 J-MATRIX FOR
MATERIAL ID =%2 WHICH IS SINGULAR.

4291.5 *** USER FATAL MESSAGE 4291.
FOR TRIA6 ELEMENT WITH ID =%1
THE MATERIAL ROUTINE -MAT- RETURNS A 2X2 J-MATRIX FOR
MATERIAL ID =%2 WHICH IS SINGULAR.

4291.6 *** USER FATAL MESSAGE 4291 (EQDRD)
FOR QUADR ELEMENT WITH ID =%1 THE MATERIAL ROUTINE -
MAT- RETURNS A 2X2 J-MATRIX FOR MATERIAL ID =%2
WHICH IS SINGULAR.

4291.7 *** USER FATAL MESSAGE 4291. (EQD4D)
FOR ELEMENT WITH ID =%1
THE MATERIAL ROUTINE -MAT- RETURNS A 2X2 J-MATRIX FOR
MATERIAL ID =%2 WHICH IS SINGULAR.

4291.8 *** USER FATAL MESSAGE 4291.
FOR TRIAR ELEMENT WITH ID =%1
THE MATERIAL ROUTINE -MAT- RETURNS A 2X2 J-MATRIX FOR
MATERIAL ID =%2 WHICH IS SINGULAR.

4291.9 *** USER FATAL MESSAGE 4291 (STR61D)
TRIA6 ELEMENT WITH ID =%1
THE MATERIAL ROUTINE -MAT- RETURNS A 2X2 J-MATRIX FOR
MATERIAL ID =%2 WHICH IS SINGULAR.

4292.0 *** USER FATAL MESSAGE 4292 (EQD81D).
FOR QUAD8 ELEMENT WITH ID =%1 THE FLEXIBILITY MATRIX
Z(4X4) IS SINGULAR.

4293.0 *** USER INFORMATION MESSAGE 4293.

MATERIAL -ID- 1 NOT SPECIFIED FOR %1 ELEMENT WITH ID =%2

4294.0 *** USER FATAL MESSAGE 4294.
QUAD8 ELEMENT%1 HAS ILLEGAL GEOMETRY DUE TO DEFORMATIONS.
User information:
For geometric nonlinear calculation, the deformations are so large that the geometry tests fail.

4294.1 *** USER FATAL MESSAGE 4294.
TRIA6 ELEMENT%1 HAS ILLEGAL GEOMETRY DUE TO DEFORMATIONS.

4295.0 *** USER FATAL MESSAGE 4295.
NON-LINEAR FOR ELEMENT WITH ID =%1 IS INVALID WITH MATID-1, MATID-2, MATID-4,
RESPECTIVELY =%2 NLFLAG NLTYPE =%3
User information:
For a material nonlinear element an incorrect set of material identifications were selected. Review material limitations for material nonlinear elements.

4295.1 *** USER FATAL MESSAGE (MTX244)
ELEMENT WITH ID =%1 HAS INVALID MATERIAL ID =%2

4295.2 *** USER FATAL MESSAGE 4295 (EQDRD)
NON-LINEAR FOR ELEMENT WITH ID =%1IS INVALID WITH MATID-1, MATID-2, MATID-4, RESPECTIVELY =%2
User information:
For a material nonlinear element an incorrect set of material identifications were selected. Review material limitations for material nonlinear elements.

4295.3 *** USER FATAL MESSAGE 4295. (EQD4D)
NON-LINEAR FOR ELEMENT WITH ID =%1
IS INVALID WITH MATID-1, MATID-2, MATID-4, RESPECTIVELY =%2

4295.4 *** USER FATAL MESSAGE
NON-LINEAR FOR ELEMENT WITH ID =%1
IS INVALID WITH MATID-1, MATID-2, MATID-4 RESPECTIVELY =%2 %3 %4

4295.5 *** USER FATAL MESSAGE 4295. (EQD4D)
QUAD4 ELEMENT WITH ID = %1 HAS A SINGULAR MEMBRANE MATERIAL MATRIX.
IF MAT2 IS USED, BE SURE G33 IS POSITIVE OR
IF MAT8 IS USED, BE SURE G12 IS POSITIVE.

4295.6 *** USER FATAL MESSAGE (MTX242)
ELEMENT WITH ID =%1 HAS INVALID MATERIAL ID =%2

4295.7 *** USER FATAL MESSAGE (MTX243)

ELEMENT WITH ID =%1 HAS INVALID MATERIAL ID =%2

4295.8 *** USER FATAL MESSAGE (MTX245)
ELEMENT WITH ID =%1 HAS INVALID MATERIAL ID =%2

4295.9 *** USER FATAL MESSAGE (MTX24*)
THE FOLLOWING AXIS-SYMMETRIC ELEMENT TYPES ARE NOT SUPPORTED
BY SOLUTION %1: CTRAX3, CQUADX4, CTRAX6, CQUADX8.

4295.10 *** USER FATAL MESSAGE (MTX255)
ELEMENT WITH ID =%1 HAS INVALID MATERIAL ID =%2

4295.11 *** USER WARNING MESSAGE 4295. (EQUXED\ETRXED\ETX6D)
THE AXIS-SYMMETRIC ELEMENTS CTRIAX6/CQUADX/CTRIAX ARE NOT AFFECTED BY
SYS440=0.

4295.12 *** USER FATAL MESSAGE (MTX26*)
ELEMENT ID =%1 HAS NO COMPEST DATA BLOCK.

4295.13 *** USER FATAL MESSAGE 4295.
ELEMENT WITH ID =%1 HAS INVALID MATERIAL ID =%2

4295.14 *** USER FATAL MESSAGE 4295.
THE FOLLOWING CHOCKING ELEMENT TYPES ARE NOT SUPPORTED
BY SOLUTION %1: CCHOCK3, CCHOCK4, CCHOCK6, CCHOCK8.

4295.15 *** USER FATAL MESSAGE 4295.
THE FOLLOWING PLANE STRESS ELEMENT TYPES IN FOURIER SOLUTION
ARE NOT SUPPORTED BY SOLUTION %1: CPLSTS3, CPLSTS4, CPLSTS6, CPLSTS8.

4296.0 *** USER WARNING MESSAGE 4296. (SQD41D)
ILLEGAL GEOMETRY FOR QUAD4 ELEMENT WITH ID =%1
User information:
This may be caused by improper specification of geometry and/or connectivity. Make sure that the QUAD4 connectivity goes completely around the element clockwise or counter-clockwise.

4296.2 *** USER FATAL MESSAGE 4296 (EQDRD)
ILLEGAL GEOMETRY FOR QUADR ELEMENT WITH ID=%1

4296.3 *** USER FATAL MESSAGE 4296. (EQD4D)
ILLEGAL GEOMETRY FOR QUAD4/QUADR ELEMENT WITH ID = %1
User information:
This may be caused by improper specification of geometry and/or connectivity. Make sure that the QUAD4/QUADR connectivity goes completely around the element clockwise or counter-clockwise.

4296.4 *** USER FATAL MESSAGE 4296 (EQDGED)
IMPROPER GEOMETRY FOR ELEMENT WITH ID = %1

4296.5 *** USER FATAL MESSAGE 4296. (SECNSD)
ILLEGAL GEOMETRY FOR %1 ELEMENT WITH ID = %2

4296.6 *** USER FATAL MESSAGE 4296. (T3_HEAT)
ILLEGAL GEOMETRY FOR TRIA3/TRIAR ELEMENT WITH ID = %1
User information:
This may be caused by improper specification of geometry and/or connectivity. Make sure that the TRIA3/TRIAR connectivity goes completely around the element clockwise or counter-clockwise.

4297.0 *** USER WARNING MESSAGE 4297.
QUAD4 ELEMENT WITH ID =%1
HAS AN INTERIOR ANGLE POSSIBLY GREATER THAN OR EQUAL 180 DEGREES.
User information:
This may be caused by improper specification of geometry and/or connectivity. Make sure that the CQUAD4 connectivity goes completely around the element clockwise or counter-clockwise.

4297.1 *** USER FATAL MESSAGE 4297.
QUAD4 ELEMENT WITH ID =%1
HAS AN INTERIOR ANGLE POSSIBLY GREATER THAN OR EQUAL 180 DEGREES.
User information:
This may be caused by improper specification of geometry and/or connectivity. Make sure that the CQUAD4 connectivity goes completely around the element clockwise or counter-clockwise.

4297.2 *** USER FATAL MESSAGE 4297 (EQDRD)
QUADR ELEMENT WITH ID =%1 HAS AN INTERIOR ANGLE POSSIBLY GREATER THAN OR EQUAL 180 DEGREES.
User information:
This may be caused by improper specification of geometry and/or connectivity. Make sure that the CQUAD4 connectivity goes completely around the element clockwise or counter-clockwise.

4297.3 *** USER FATAL MESSAGE 4297.
TRIA3 ELEMENT WITH ID =%1
HAS AN INTERIOR ANGLE POSSIBLY GREATER THAN OR EQUAL 180 DEGREES.
User information:
This may be caused by improper specification of geometry and/or connectivity. Make sure that the CTRIA3 connectivity goes completely around the element clockwise or counter-clockwise.

4297.4 *** USER FATAL MESSAGE 4297 (EQDRD)
TRIAR ELEMENT WITH ID =%1 HAS AN INTERIOR ANGLE POSSIBLY GREATER THAN OR EQUAL 180 DEGREES.
User information:
This may be caused by improper specification of geometry and/or

connectivity. Make sure that the CTRIAR connectivity goes completely around the element clockwise or counter-clockwise.

4298.0 *** USER FATAL MESSAGE 4298.
A CORNER POINT MEMBRANE THICKNESS HAS NOT BEEN SPECIFIED FOR ELEMENT WITH ID =%1
AND THERE IS NO DEFAULT VALUE ON THE ASSOCIATED PROPERTY CARD.

4298.1 *** USER FATAL MESSAGE 4298.
A CORNER POINT GAP OPENING HAS NOT BEEN SPECIFIED FOR ELEMENT WITH ID =%1
AND THERE IS NO DEFAULT VALUE ON THE ASSOCIATED PROPERTY CARD.

4298.2 *** USER FATAL MESSAGE 4298.
THE THICKNESS OF CHOCKING ELEMENT WITH ID = %1 IS LESS THEN ZERO.

4298.3 *** USER FATAL MESSAGE 4298.
THE RADIAL DISPLACEMENT OF CHOCKING ELEMENT WITH ID = %1 IS TOO LARGE.

4298.4 *** USER FATAL MESSAGE 4298.
THE GAP VALUE CHOCKING ELEMENT WITH ID = %1 IS UNREASONABLE.

4298.5 *** USER WARNING MESSAGE 4298
COMPUTED GAP VALUE IS TOO LARGE FOR ELEMENT %1
User information:
For chocking elements, the gap value is supposed to be much smaller than circumference. Please try to check the model, trigger more stiffness update, or reduce the time step.

4299.0 *** USER FATAL MESSAGE 4299. (SQD41D)
FOR ELEMENT WITH ID =%1
THE JACOBIAN FOR INTEGRATION POINT NUMBER %2 IS ZERO.
User information:
This may be caused by improper specification of geometry and/or connectivity. As an example, connecting the CRACi in the wrong direction (counterclockwise) can cause this.

4299.1 *** USER FATAL MESSAGE 5479.
FOR ELEMENT WITH ID =%1
*** THE INTERNAL STRAIN MODES ARE SINGULAR.

4299.2 *** USER FATAL MESSAGE 4299.
FOR ELEMENT WITH ID =%1
*** THE JACOBIAN MATRIX IS SINGULAR.

4299.3 *** USER FATAL MESSAGE 4299
FOR ELEMENT WITH ID =%1
THE JACOBIAN FOR INTEGRATION POINT IS LESS OR EQUAL

ZERO.
User information:
This may be caused by improper specification of geometry and/or connectivity.

4299.4 *** USER FATAL MESSAGE 4299
FOR ELEMENT WITH ID =%1
THE JACOBIAN FOR INTEGRATION POINT IS LESS OR EQUAL ZERO.
User information:
This may be caused by improper specification of geometry and/or connectivity.

4299.5 *** USER FATAL MESSAGE 4299
FOR ELEMENT WITH ID =%1
THE JACOBIAN FOR INTEGRATION POINT IS LESS OR EQUAL ZERO.
User information:
This may be caused by improper specification of geometry and/or connectivity.

4299.6 *** USER FATAL MESSAGE 4299
FOR ELEMENT WITH ID =%1
THE JACOBIAN FOR INTEGRATION POINT IS LESS OR EQUAL ZERO.
User information:
This may be caused by improper specification of geometry and/or connectivity.

4299.7 *** USER FATAL MESSAGE 4299
FOR ELEMENT WITH ID =%1
THE JACOBIAN FOR INTEGRATION POINT IS LESS OR EQUAL ZERO.
User information:
This may be caused by improper specification of geometry and/or connectivity.

4299.8 *** USER FATAL MESSAGE 4299
FOR ELEMENT WITH ID =%1
THE JACOBIAN FOR INTEGRATION POINT IS LESS OR EQUAL ZERO.
User information:
This may be caused by improper specification of geometry and/or connectivity.

4300.0 *** USER FATAL MESSAGE 4300. (SQD41D)
FOR ELEMENT WITH ID =%1
THE THICKNESS FOR INTEGRATION POINT NUMBER %2 IS ZERO.

4301.0 *** USER FATAL MESSAGE 4301.
FOR ELEMENT WITH ID =%1

THE MATERIAL ROUTINE -MAT- RETURNS A 3X3 G-MATRIX WITH EITHER OR BOTH OF TERMS G11 AND G22 EQUAL ZERO.
MATERIAL ID CONCERNED EQUALS %2
User information:
The material data (Gxx and Gyy) is not supplied for the QUAD4 element.
In material nonlinear analysis this message will be issued if PARAM,NLAYERS is greater than or equal to 12 and a stiffness update is performed during the nonlinear iterations. The avoidance is to set PARAM,NLAYERS less than 12. If the MID2 field on the PSHELL entry is greater than 0, PARAM,NLAYERS should be set to a value greater than 1 or bending stiffness will be ignored.

4302.0 *** USER FATAL MESSAGE 4302. (Q4_ST2D_CMPLX)
FOR ELEMENT WITH ID =%1
GT MATRIX IS SINGULAR WHEN CONSIDERING THERMAL MEMBRANE-
BENDING COUPLING.

4303.0 *** USER FATAL MESSAGE 4303. (SQD41D)
FOR ELEMENT WITH ID =%1
THE FLEXIBILITY MATRIX Z(4X4) IS SINGULAR.
User information:
Logic error. To avoid problem, add transverse shear flexibility.

4304.0 *** SYSTEM FATAL MESSAGE 4304.
LOGIC ERROR IN ROUTINE SQD41D FOR ELEMENT WITH ID =%1
LOC CODE =%2

4304.1 *** SYSTEM FATAL MESSAGE 4304.
LOGIC ERROR IN ROUTINE SQDR1D OR SQDR1S FOR ELEMENT WITH ID =%1
LOC CODE =%2

4305.0 *** USER INFORMATION MESSAGE 4305. (SQD41D)
MATERIAL -ID- NOT SPECIFIED FOR ELEMENT =%1

4306.0 *** USER FATAL MESSAGE 4306.
DEGENERATE GEOMETRY OR INADEQUATE MATERIAL DATA SPECIFIED FOR TRIA6 ELEMENT WITH ID =%1 REASON NUMBER =%2
User information:
See UFM 4288 for an explanation of reason numbers, except that Reason 28 corresponds to CODE 21.

4311.0 *** USER FATAL MESSAGE 4311 (XSEM)
TIME EXPIRED PRIOR TO LINK %1, CALLING MODULE - %2
User information:
The time specified on the TIME statement in the Executive Control Section has been exceeded.

4312.0 *** USER WARNING MESSAGE 4312. (MCONMD)
CONM2 %1 HAS NON POSITIVE-DEFINITE INERTIA MATRIX.
User information:
Most dynamic analysis methods require positive-definite mass matrices. Inserting inertia data into the wrong fields can result in non-positive definite systems, which are not physically realistic for normal modeling practices. Reduce the size of the off-diagonal terms to provide a positive-definite determinant.

4312.9 *** USER WARNING MESSAGE 4312 (GPSP)
SVD FAILED FOR GRID POINT %1, AUTOSPC IGNORED FOR THIS GRID.

4313.0 *** USER WARNING MESSAGE 4313 (GPSP)
GRID POINT %1, REFERENCED BY CYAX, CYSUP, OR CYJOIN BULK DATA ENTRY DOES NOT EXIST.

4313.1 *** USER FATAL MESSAGE 4313.
GRID POINT %1 REFERENCED BY CYSUP BULK DATA CARD IS UNDEFINED.

4313.2 *** USER FATAL MESSAGE 4313.
GRID POINT %1 REFERENCED BY %2 BULK DATA CARD IS UNDEFINED.

4313.4 *** USER FATAL MESSAGE 4313.
GRID POINT %1 REFERENCED BY A CYJOIN BULK DATA CARD IS UNDEFINED.

4314.0 *** USER FATAL MESSAGE 4314,
HARMONICS CARD IS REQUIRED IN CASE CONTROL DECK FOR CYCLIC SYMMETRY ANALYSIS BUT IS NOT SUPPLIED BY USER.

4314.1 *** USER FATAL MESSAGE 4314,
HARMONICS CARD IS REQUIRED IN CASE CONTROL FOR AXI-SYMMETRIC FOURIER ANALYSIS BUT IS NOT SUPPLIED BY USER.

4314.2 *** USER FATAL MESSAGE 4314,
HOUTPUT CARD IS REQUIRED IN CASE CONTROL FOR AXI-SYMMETRIC FOURIER ANALYSIS BUT IS NOT SUPPLIED BY USER.

4314.3 *** USER FATAL MESSAGE 4314,
FOR AXI-SYMMETRIC FOURIER ANALYSIS, HARMONICS CARD ALLOWS ONLY POSITIVE INTEGER.

4315.0 *** USER FATAL MESSAGE 4315,
OVERALL SYMMETRY OPTION IS NOT ALLOWED UNDER ROTOR AXI CYCLIC SYMMETRY ANALYSIS.

4316.0 *** USER FATAL MESSAGE 4316.
GRID POINT %1 REFERENCED BY A CYAX CARD WAS ALSO DEFINED AS A SIDE%2 POINT BY A CYJOIN CARD.

4317.0 *** USER FATAL MESSAGE 4317.

GRID POINT%1, DOF =%2. AXIS POINTS MAY NOT BE CONSTRAINED BY MULTI POINT CONSTRAINTS.

4318.0 *** USER FATAL MESSAGE 4318.
GRID POINT ID %1 WHICH LIES ON THE AXIS OF SYMMETRY HAS ILLEGALLY DEFINED SPC CONSTRAINTS.

4319.0 *** USER INFORMATION MESSAGE 4319.
SUPPORT POINT ID %1 HAD COMPONENT %2 DEFINED ON SPC, SPC1, OMIT, OMIT1,CARDS OR IN RIGID ELEMENTS OR MULTIPOINT CONSTRAINTS AS DEPENDENT COORDINATES.

4320.0 *** USER FATAL MESSAGE 4320.
SUPPORT POINT %1 WAS LOCATED ON THE %2 NSEG = %3

4321.0 *** USER WARNING MESSAGE 4321,
SOME VALUES OF THE HARMONICS SPECIFIED FOR ANALYSIS IN THE HARMONICS CARD ARE GREATER THAN THE MAXIMUM VALUE PERMISSIBLE.
VALUES OF HARMONICS GREATER THAN NSEG/2 WILL NOT BE USED IN THE ANALYSIS.

4321.1 *** USER WARNING MESSAGE 4312. (MCONMD)
CONM2 %1 HAS NON POSITIVE-DEFINITE INERTIA MATRIX.

4326.0 *** USER INFORMATION MESSAGE 4326,
USER SUPPLIED LOADCYH AND GRAV CARDS ARE REPLACED AS FOLLOWS-

4327.0 *** USER INFORMATION MESSAGE 4327,
USER SUPPLIED LOADCYH AND RFORCE CARDS ARE REPLACED AS FOLLOWS-

4328.0 *** USER WARNING MESSAGE 4328, (ECONED)
THE ANISOTROPIC MATERIAL PROPERTY FOR MEMBRANE ACTION DEFINED BY MAT2 ID %1
IS INCONSISTENT WITH CONICAL SHELL THEORY. G13 AND G23 WILL BE SET TO ZERO

4329.0 *** USER WARNING MESSAGE 4329, (ECONED)
THE ANISOTROPIC MATERIAL PROPERTY FOR BENDING ACTION DEFINED BY MAT2 ID %1
IS INCONSISTENT WITH CONICAL SHELL THEORY. G13 AND G23 WILL BE SET TO ZERO

4330.0 *** USER WARNING MESSAGE 4330,
THE ANISOTROPIC MATERIAL PROPERTY FOR TRANSVERSE SHEAR ACTION DEFINED BY MAT2 ID %1
IS INCONSISTENT WITH CONICAL SHELL THEORY. G13 AND G23 WILL BE SET TO ZERO

4330.2 *** USER WARNING MESSAGE 4330,
THE ANISOTROPIC MATERIAL PROPERTY FOR TRANSVERSE SHEAR ACTION DEFINED BY MAT2 ID %1

IS INCONSISTENT WITH CONICAL SHELL THEORY. G12 WILL BE SET TO ZERO

4334.0 *** USER FATAL MESSAGE 4334 ***,
NON - POSITIVE DEFINITE MASS MATRIX FOUND IN DYNAMIC REDUCTION.
User information:
Generalized dynamic reduction assumes a non-negative definite mass matrix. This prevents computation of modes with negative generalized mass. User input of negative mass, large off-diagonal mass terms, or requesting more modes than there are independent degrees of freedom with mass can lead to this condition. Inspect the input mass data data for the conditions described above, or reduce FMAX if the number of degrees of freedom with mass is not adequate.

4335.0 *** USER FATAL MESSAGE 4335.
THERE MAY ONLY BE ONE SUPPORT POINT. ALL OF THE FOLLOWING WERE ENCOUNTERED ON CYSUP BULK DATA CARDS.

4336.0 *** USER FATAL MESSAGE 4336,
CYSYM BULK DATA CARD MUST BE PRESENT IN CYCLIC SYMMETRY ANALYSIS, BUT IS NOT SPECIFIED IN THE DECK.

4337.0 *** USER FATAL MESSAGE 4337,
HARMONICS SET SPECIFIED ON HOUTPUT CASE CONTROL CARD IS UNDEFINED.
User information:
The HOUTPUT Case Control command defines the values of harmonics for which output will be produced. The set ID specified by this command is not defined in Case Control.

4338.0 *** USER FATAL MESSAGE 4338,
SEGMENTS SET SPECIFIED ON NOUTPUT CASE CONTROL CARD IS UNDEFINED.
User information:
The NOUTPUT Case Control command defines the values of segments for which output will be produced. The set ID specified by this command is not defined in Case Control Section.

4339.0 *** USER FATAL MESSAGE 4339,
HARMONICS SET SPECIFIED ON NOUTPUT CASE CONTROL CARD IS UNDEFINED.
User information:
In the solution of vibration problems, the segment output can be selected for a specified set of harmonics. The set of harmonics specified in the NOUTPUT Case Control command is not defined in the Case Control.

4340.0 *** USER FATAL MESSAGE 4340,
LINEAR COMBINATION OF SUBCASES NOT ALLOWED IN CYCLIC

SYMMETRY ANALYSIS.
User information:
SUBCOMS and/or SYMCOMS are not allowed in cyclic symmetry analysis.
Delete requests of SUBCOMS and/or SYMCOMS.

4341.0 *** USER FATAL MESSAGE 4341,
HARMONICS SET SPECIFIED FOR ANALYSIS IS UNDEFINED.
User information:
The values of harmonics for which analysis will be performed is
given by the set specified in the HARMONICS Case Control Section.
This set is not defined. Define the set of integer values of
harmonics for analysis.

4342.0 *** USER FATAL MESSAGE 4342,
THE LOAD BULK DATA CARD GIVEN BELOW IS INCONSISTENT
WITH SPECIFIED ANALYSIS HARMONICS OR SEGMENTS OR
SYMMETRY TYPE.
User information:
The load specified by LOADCYH Bulk Data entry should specify loading
for harmonics that are valid for the problem. For example, the integer
value of the harmonics that are loaded should be contained in the
analysis harmonics set and furthermore the harmonic type should also
be contained in analysis harmonics type. If not, this fatal message
will result. Similarly, the load specified by LOADCYN Bulk Data entry
should specify loading for segments that are in the model. In addition,
if symmetry option is used in DIHEDRAL type problems, the load should be
applied in segments in the first half-plane (or quadrant) of the model.
Specify valid harmonic loading or segment loading.
In buckling problems, the static preload must be the same for all
segments, which is ensured by providing a zero (cosine) harmonic loading.
For such problems, this fatal message will result if the loading is
specified any other way than via LOADCYH entry.
See also Error Report 3502 in Chapter 17.

4342.1 *** USER FATAL MESSAGE 4342,
THE LOAD BULK DATA CARD GIVEN BELOW IS INCONSISTENT
WITH SPECIFIED ANALYSIS HARMONICS OR SEGMENTS OR
SYMMETRY TYPE.
LOADCYN %1 %2%3 %4

4342.2 *** USER FATAL MESSAGE 4342,
THE LOAD BULK DATA CARD GIVEN BELOW IS INCONSISTENT
WITH SPECIFIED ANALYSIS HARMONICS OR SEGMENTS OR
SYMMETRY TYPE.
LOADCYH %1 %2%3 %4

4343.0 *** USER FATAL MESSAGE 4343,
LOAD ID = %1 WAS ILLEGALLY REFERENCED BY BOTH LOADCYH
AND LOADCYN CARDS.
User information:

The same load set ID has been referenced by both LOADCYH and LOADCYN
Bulk Data entries. This is illegal. Define separate load IDs for loads referenced by LOADCYH and LOADCYN entries.

4344.0 *** USER FATAL MESSAGE 4344,
SELECTED LOAD SET, ID =%1 WAS NOT DEFINED ONA LOADCYH, LOADCYN OR LOADCYT CARD.
User information:
The load set ID selected in case control is not defined by a LOADCYH, LOADCYN and/or LOADCYT Bulk Data entry. Define the load set ID selected
in case control by means of LOADCYH, LOADCYN, and/or LOADCYT Bulk Data
entry.

4345.0 *** USER FATAL MESSAGE 4345,
USER SPECIFIED CASE CONTROL LOAD ID =%1 WHICH SPECIFIES A %2 LOAD ID =%3 WHICH WAS USED ELSEWHERE.

4346.0 *** USER FATAL MESSAGE 4346,
FREQUENCY RESPONSE SET, ID = %1 IS UNDEFINED.
User information:
Define the set of frequencies to be used for analysis.

4347.0 *** USER FATAL MESSAGE 4347,
RFORCE OPTION SPECIFIED ON LOADCYH CARD, BUT NO RFORCE CARD FOUND.
User information:
Define RFORCE Bulk Data entry selected by LOADCYH Bulk Data entry.

4348.0 *** USER FATAL MESSAGE 4348,
GRAV OPTION SPECIFIED ON LOADCYH CARD, BUT NO GRAV CARD FOUND.
User information:
Define GRAV loading via GRAV Bulk Data entry.

4350.0 *** USER FATAL MESSAGE 4350,
LOADCYT CARD WITH SID= %1, SPECIFIES NON-EXISTENT TABLE ID=%2

4351.0 *** USER WARNING MESSAGE 4351,
TEMPERATURE/DEFORMATION SET ID = %1 SPECIFIES INPUT IN HARMONIC VARIABLES. PHYSICAL ELEMENT STRESS OUTPUT WILL BE
IN ERROR, USE ONLY STRESS OUTPUT IN HARMONIC VARIABLES.

4352.0 *** USER WARNING MESSAGE 4352,
TEMPERATURE/DEFORMATION SET ID = %1 SPECIFIES INPUT IN PHYSICAL VARIABLES. HARMONIC ELEMENT STRESS OUTPUT WILL BE
IN ERROR, USE ONLY STRESS OUTPUT IN PHYSICAL VARIABLES.

4353.0 *** USER FATAL MESSAGE 4353
DMIG MATRICES SELECTED BY A2GG, K2GG, M2GG, B2GG OR K42GG DO NOT HAVE CORRECT FORM.
User information:
For DMIG matrices K2GG, M2GG, B2GG and K42GG added before constraints are applied,
their form must be symmetric. The form is specified in the IFO field (Field 4) of the
DMIG entry. Set IFO to 6.
For DMIG matrix A2GG added before constraints are applied, its form must be either
square or symmetric. The form is specified in the IFO field (Field 4) of the DMIG entry. Set IFO to either 1 (square) or 6 (symmetric) as appropriate.

4356.0 *** USER WARNING MESSAGE 4356,
MATMOD MODULE OPTION 16 WILL NOT PROCESS MATRIX %1 BECAUSE IT IS NOT OF FORM 1, 2, 6, OR 9.
User information:
This option converts NX NASTRAN matrices to DMIG entry formats.
The other forms of matrices are not suitable for DMIG formats.
Convert the matrix to the proper form using the MODTRL and ADD modules.

4357.0 *** USER WARNING MESSAGE 4357,
MATRIX %1 INPUT TO MATMOD OPTION 16 HAS %2 ROWS AND %3 COLUMNS.
G-SIZE IS %4. NO OUTPUT PRODUCED.
User information:
All matrices input for Option 16 with third parameter = 0 must have g-size rows.
If they are Form 1 or 6 they must also have g-size columns. Merge the matrices to g-size.

4358.0 *** USER FATAL MESSAGE 4358.
SUPPORT POINT IS ILLEGALLY SPECIFIED AS A SCALAR POINT.
User information:
The support point should be a grid point in cyclic symmetry analysis.
Redefine the support point such that it is a grid point and not a scalar point.

4359.0 *** USER WARNING MESSAGE 4359.
COMPONENT%1 REFERENCED ON CYSUP BULK DATA CARD FORCES COMPONENT%2 TO ALSO BE SUPPORTED.
User information:
See CYSUP Bulk Data entry for explanatory remarks.

4360.0 *** USER WARNING MESSAGE 4360.
COMPONENT 2 WILL BE SUPPORTED INSTEAD OF COMPONENT 6, AS REFERENCED ON THE CYSUP BULK DATA CARD.
User information:

See CYSUP Bulk Data entry for explanatory remarks.

4361.0 *** USER INFORMATION MESSAGE 4361 (SEQRS).
SINCE THE ORIGINAL PERFORMANCE IS BETTER THAN THE RESEQUENCED PERFORMANCE DATA,
THE NEW SEQGP ENTRIES WILL NOT BE GENERATED.

4362.0 *** USER FATAL MESSAGE 4362.
INTERIOR POINTS ILLEGALLY DEFINED IN THE AXI OPTION OF THE CYCLIC SYMMETRY PROBLEM.
User information:
In the AXI option of cyclic symmetry, all degrees of freedom must be on Side 1, Side 2, or on the axis. Define all grid points to be on Side 1, Side 2, or on the axis.

4363.0 *** USER FATAL MESSAGE 4363,
SYMMETRY ON TWO PLANES OF THE MODEL ILLEGALLY SPECIFIED WITH ODD NUMBER OF SEGMENTS.
User information:
Symmetry on the planes of the model is allowed only when the total number of segments is even. Use only symmetry with respect to Side 1 of Segment 1 of the model.

4364.0 *** USER FATAL MESSAGE 4364.
COMPONENT %1 OF GRID POINTS %2,%3 CANNOT BE CONNECTED. (GRID POINT %4 IS AT FAULT)
User information:
In the AXI option of CYCLIC symmetry, all degrees of freedom in the analysis set must be on SIDE 1, SIDE 2, or on the AXIS. If a SIDE 2, or on the AXIS. If a degree of freedom is on either SIDE 1 or SIDE 2, then its connected d.o.f. must not be constrained out in any way. (This same condition is only a warning error for the ROT option.) Make all SIDE 1 and SIDE 2 points meet the above stated restrictions.

4365.0 *** USER INFORMATION MESSAGE 4365
USER SUPPLIED LOADCYT BULK DATA CARD (SID = %1) IS USED AS EQUIVALENT TO THE FOLLOWING LOADCYH CARD(S).
User information:
When Method = 0 (or blank) option is used with the LOADCYT Bulk Data entry, the magnitude of the load (specified by the loadset ID) will be multiplied by the following harmonic coefficients.

4366.0 *** USER INFORMATION MESSAGE 4366
USER SUPPLIED LOADCYT BULK DATA CARD (SID = %1) IS USED AS EQUIVALENT TO THE FOLLOWING LOADCYN CARD(S).
User information:
When Method = 1 option is used with the LOADCYT Bulk Data entry, the magnitude of the load (specified by the LOADSET ID) at corresponding

points in the various segments of the model will be multiplied by the following scale factors.

4367.0 *** USER INFORMATION MESSAGE 4367.
STATISTICS FOR UNSYMMETRIC DECOMPOSITION OF DATA BLOCK %1 FOLLOW
NUMBER OF PIVOT OPERATIONS = %2
User information:
Pivot operations only occur when the ratio of the diagonal term of the pivot row to the largest term in the pivot column is less than the threshold. (Default = 1.E-6) See the NX NASTRAN Numerical Methods User's Guide.

4368.0 *** USER WARNING MESSAGE 4368---,
THERE MAY BE INSUFFICIENT TIME TO COMPLETE GENERALIZED DYNAMIC REDUCTION.
TIME REQUIRED IS%1 SECONDS.
USER INFORMATION: THE RUN WILL BE ALLOWED TO PROCEED BECAUSE CPU TIME ESTIMATES, IN SOME CASE, ARE POOR.
User information:
An interval time estimate made using parameters reflecting the users model, indicates that DYNAMIC reduction module will consume more than the user allowed for when the time estimate was set for the entire job.

4368.1 *** USER FATAL MESSAGE 4368---,
INSUFFICIENT TIME TO COMPLETE GENERALIZED DYNAMIC REDUCTION.
TIME REQUIRED IS%1 SECONDS.
User information:
An interval time estimate made using parameters reflecting the users model, indicates that DYNAMIC reduction module will consume more than the user allowed for when the time estimate was set for the entire job.

4369.0 *** USER FATAL MESSAGE 4369.
FOR THE DIH OR AXI OPTION OF CYCLIC SYMMETRY (EXCEPT FOR HEAT TRANSFER) THE DEGREE OF FREEDOM NORMAL TO SIDE 1 (AND/OR SIDE 2) - FIELD 3 CYJOIN BULK DATA CARD - MUST BE DEFINED.
User information:
Field 3 of the CYJOIN entry for Side 1 must be filled in for non-heat transfer problems. Supply degree of freedom perpendicular to Side 1 (and/or Side 2) in Field 3 of CYJOIN Bulk Data entry.

4370.0 *** SYSTEM FATAL MESSAGE 4370.
DECOMPOSITION REQUIRES THAT PRECISION OF DATA BLOCK %1 EQUAL SYSTEM PRECISION.
System information:
The symmetric and unsymmetric decomposition routines require that the input matrix be single precision for CDC and CRAY machines,

and double precision for all other machines.

4372.0 *** USER WARNING MESSAGE 4372 (NLTINT)
*** NO NONLINEAR ELEMENTS HAVE BEEN FOUND FOR NONLINEAR ANALYSIS SOLUTION. USE ADAPT METHOD FOR LINEAR PROBLEMS.
User information:
Material nonlinear analysis solution sequences must have at least one nonlinear element.

4375.0 *** USER FATAL MESSAGE 4375,
SUBCASE LISTS ARE ILLEGAL FOR AUTO OR PSDF REQUESTS

4376.0 *** USER FATAL MESSAGE 4376.
ILLEGAL NUMBER OF SUPPORT POINTS ARE GIVEN FOR AUTOMATIC RIGID BODY MATRIX CALCULATION.
SIX ARE REQUIRED.
User information:
Module VECPLOT provides an option to compute a rigid-body transformation
matrix based on grid point coordinates. To use this option, there must be six, and only six, r-set degrees of freedom specified on SUPORT entries. This option is commonly used in component modal synthesis using external superelements. The user must provide six degrees-of-freedom on SUPORT entries or input the rigid-body transformation on DMIG entries.

4377.0 *** USER FATAL MESSAGE 4377 (IFS3P)
PCOMP ID. %1 HAS NO PLY DATA.
USER ACTION: VERIFY EXISTENCE AND/OR UNIQUENESS OF CONTINUATION FIELD(S)
User information:
User supplied no ply information for the specified PCOMP bulk data entry. Supply some ply data.

4377.1 *** USER FATAL MESSAGE 4377
PCOMP ID.%1 HAS NO PLY DATA
User information:
User supplied no ply information for the specified PCOMP bulk data entry. Supply some ply data.

4377.2 *** USER FATAL MESSAGE 4377 (IFS3P)
PCOMP ID. %1 HAS NO PLY DATA.
USER ACTION: VERIFY EXISTENCE AND/OR UNIQUENESS OF CONTINUATION FIELD(S)

4377.3 *** USER FATAL MESSAGE 4377
PCOMP ID.%1 HAS NO PLY DATA

4377.4 *** USER FATAL MESSAGE 4377 (IFS3P)
PCOMPG ID. %1 HAS NO PLY DATA.
USER ACTION: VERIFY EXISTENCE AND/OR UNIQUENESS OF CONTINUATION FIELD(S)

User information:
User supplied no ply information for the specified PCOMPG bulk data entry.
Supply some ply data.

4377.5 *** USER FATAL MESSAGE 4377 (IFS3P)
PCOMPS ID. %1 HAS NO PLY DATA.
USER ACTION: VERIFY EXISTENCE AND/OR UNIQUENESS OF CONTINUATION FIELD(S)

4377.6 *** USER FATAL MESSAGE 4377 (IFS3P)
Material ID %1 referenced by PCOMP or PCOMPG exceeds 99,999,999.
User information:
MID referenced by PCOMP or PCOMPG can not exceed 99,999,999.

4378.0 *** USER FATAL MESSAGE 4378 (IFS3P)
PCOMP ID. %1 HAS AN INVALID LAM OPTION.
USER ACTION: CHECK THE LAM FIELD ON THE PCOMP DATA ENTRY.

4378.1 *** USER FATAL MESSAGE 4378 (IFS3P)
PCOMPG ID. %1 HAS AN INVALID LAM OPTION.
USER ACTION: CHECK THE LAM FIELD ON THE PCOMPG DATA ENTRY.

4378.2 *** USER FATAL MESSAGE 4378 (IFS3P)
PCOMPG ID. %1 HAS AN INVALID LAM OPTION. THE SYM OPTION IS NOT SUPPORTED BY PCOMPG.
USER ACTION: CHECK THE LAM FIELD ON THE PCOMPG DATA ENTRY.

4378.3 *** USER FATAL MESSAGE 4378 (IFS3P)
PCOMPG ID. %1 HAS DUPLICATED GLOBAL PLY ID NUMBERS.
GLOBAL PLY ID NUMBER %2 APPEARS %3 TIMES ON THIS PCOMPG ENTRY.
USER ACTION: MAKE SURE GLOBAL PLY ID NUMBERS ARE UNIQUE WITHIN ONE PCOMPG ENTRY.

4378.4 *** USER FATAL MESSAGE 4378 (IFS3P)
PCOMPS ID %1 HAS DUPLICATE GLOBAL PLY ID VALUES.
GLOBAL PLY ID NUMBER %2 APPEARS %3 TIMES ON THIS PCOMPS ENTRY.
USER ACTION: MAKE SURE GLOBAL PLY ID NUMBERS ARE UNIQUE WITHIN ONE PCOMPS ENTRY.

4378.5 *** USER FATAL MESSAGE 4378 (IFS3P)
MATFT ID. %1 HAS A DUPLICATE %2 FAILURE THEORY SPECIFIED.
EACH FAILURE THEORY CAN ONLY BE SPECIFIED ONCE.

4379.0 *** USER INFORMATION MESSAGE 4379,
THE USER SUPPLIED PCOMP BULK DATA CARDS ARE REPLACED BY THE FOLLOWING PSHELL AND MAT2 CARDS.
WARNING, MAT2 RECORDS WITH MID GREATER THAN 400000000

USE A SPECIAL FORMAT FOR PCOMPS.
REFER TO REMARK 13 OF THE MAT2 DESCRIPTION IN THE NX NASTRAN QUICK REFERENCE GUIDE.
User information:
Output is only produced when PCOMP Bulk Data entries are present and sorted ECHO output is requested.

4379.1 *** USER INFORMATION MESSAGE 4379 (IFP9A)
THE USER SUPPLIED %1 BULK DATA ENTRIES ARE REPLACED BY THE FOLLOWING %2 ENTRIES.

4380.0 *** SYSTEM FATAL MESSAGE 4380
RECORD ID =%1 IS OUT OF SYNC ON DATA BLOCK NUMBER %2 AN %3 SYSTEM ERROR.
System information:
IFP output files of either EPT or MPT were not properly formed.

4381.0 *** SYSTEM FATAL MESSAGE 4381 (IFP6)
ABNORMAL END OF PCOMP RECORD ENCOUNTED ON DATA BLOCK%1
System information:
An unexpected end of record mark was encountered while processing the PCOMP record as output by IFP. Check PCOMP Bulk Data entries for proper format.

4382.0 *** USER FATAL MESSAGE 4382 (IFP9)
PBEAML AND PBEAM IDENTIFICATION %1 WAS DUPLICATED

4382.1 *** USER FATAL MESSAGE 4382 (IFP9)
PBARL AND PBAR IDENTIFICATION %1 WAS DUPLICATED

4382.2 PCOMP AND PSHELL IDENTIFICATION%1 WAS DUPLICATED
User information:
While merging the new PSHELL bulk data entries generated from the presence of the PCOMP bulk data entries a duplicate identification number (PID) was encountered within the user supplied PSHELL data. The user record is temporarily copied to the EPT data block to continue preface processing. Remove duplicate identification.

4382.3 PCOMP AND PCOMPG HAVE THE SAME ID%1. PCOMP AND PCOMPG IDs MUST BE UNIQUE.
USER ACTION: CHANGE THE ID ON EITHER THE PCOMP OR PCOMPG.

4383.0 *** USER FATAL MESSAGE 4383
TRANSVERSE SHEAR MATERIAL MATRIX IS SINGULAR FOR PCOMP %1
User information:
Review properties given for MAT2 and MAT8 bulk data entries for specified PCOMP record causing error.

4384.0 *** USER FATAL MESSAGE 4384

THERMAL MATRIX INVERSION FAILURE FOR PCOMP %1 MID %2
User information:
Review properties given for MAT2 and MAT8 bulk data entries for specified PCOMP record causing error.

4385.0 *** USER WARNING MESSAGE 4385,
STRESS PROCESSING FOR %1 ELEMENTS IN SUBCASE %2 NOT COMPLETE BECAUSE OF INSUFFICIENT DATA IN DATA BLOCK %3
User information:
The composite stress was not calculated for the noted element type in a particular subcase because the data needed could not be found. If the data block is the force data block, then perhaps forces were not requested in this subcase. If the data block is any other, the problem is a programming bug.

4386.0 *** USER WARNING MESSAGE 4386,
COMPOSITE STRESSES FOR ELEMENT %1 NOT CALCULATED. FORCE RECORD WAS NOT FOUND
User information:
For composite stress calculations there must be a force element record for each requested stress. Match up the stress and force requests or make the stress request a subset of the force request.

4387.0 *** USER INFORMATION MESSAGE 4387.
THE FOLLOWING TABLE SUMMARIZES THE SIZE IN BLOCKS OF INTERNAL PERMANENT UNITS
NAME SIZE

4388.0 *** USER FATAL MESSAGE 4388.
AXIS POINT %1 DEFINED BY THE CYAX BULK DATA CARD HAS COMPONENTS OF MOTION IN THE O-SET.
User information:
If there are ASET, ASET1 and/or OMIT, OMIT1 bulk data entries present the components of axis points must be in the analysis set. Include degrees of freedom of axis points in the a-set.

4390.0 *** USER FATAL MESSAGE 4390,
LSEQ ENTRY %1 REQUESTED VIA LOADSET FOR SUPERELEMENT %2 DOES NOT EXIST IN THE BULK DATA
User information:
A LOADSET entry has selected a set of LSEQ bulk data entries which do not exist in the static load table. Check bulk data LSEQ entries for proper set ID.

4390.1 *** USER FATAL MESSAGE 4390,
LSEQ ENTRY %1 REQUESTED VIA LOADSET DOES NOT EXIST IN THE BULK DATA
User information:
A LOADSET entry has selected a set of LSEQ bulk data entries which

do not exist in the static load table. Check bulk data LSEQ entries for proper set ID.

4391.0 *** USER FATAL MESSAGE 4391,
NON-UNIQUE DAREA SET%1 HAS BEEN SPECIFIED FOR LSEQ DEFINED VECTOR%2.
User information:
Each vector number defined on an LSEQ Bulk Data entry must have a unique DAREA set specification, i.e., the combination of vector number and DAREA set number must be maintained throughout all LSEQ sets. Make sure that each vector number "X" always specifies the same DAREA "Y", regardless of which LSEQ set the vector is in.

4393.0 *** USER FATAL MESSAGE 4393.
ILLEGAL DELETE CARD.
User information:
A delete card contains a / in Field 1, a positive integer in Field 2 and a positive integer or blank in Field 3. If Field 3 is non-blank, its contents must be greater than or equal to Field 2. Failing to meet any of these conditions results in the error message.
It may be best to use free-field format (i.e., /,a,b).

4394.0 *** USER WARNING MESSAGE 4394 (MODB)
SOLUTION SIZE REDUCTION PARAMETER %1 IS NOT APPROPRIATE FOR THIS PROBLEM.
User information:
The MODB module has been asked to retain more vectors than exist. The module will retain all that have been found.

4395.0 *** USER WARNING MESSAGE 4395 (MODB)
PROBLEM SIZE (VECTORS RETAINED) HAS BEEN REDUCED TO %1 VECTORS.
User information:
The number of vectors retained has been reduced by user request.

4396.0 *** USER INFORMATION MESSAGE 4396 (MODB)
MASS CONVERGENCE OF %1 ACHIEVED AFTER %2 CYCLES.
User information:
The generalized masses have all passed the test
(M(new) - N(old)) / M(new) < = MVAR

4397.0 *** USER INFORMATION MESSAGE 4397 (MODB)
FREQUENCY CONVERGENCE OF %1 ACHIEVED AFTER %2 CYCLES.
User information:
The frequencies (f) have all (not including f < .01) passed the test.

4398.0 *** USER WARNING MESSAGE 4398 (GPSP)
GRID POINT %1 FOR %2DEGREES OF FREEDOM DOES NOT PASS SYMMETRY CHECK.
NO SINGULARITY TESTS MADE ON THESE TERMS.

%3
%4
%5
User information:
The stiffness matrix is inspected for singularities before any user-supplied unsymmetric terms are allowed. The solution technique makes it unlikely that correct answers will result if unsymmetric terms exist. When these tests are made, the three-by-three stiffness matrix terms printed are the terms about the diagonal of the listed grid point, normalized to the largest term in the three-by-three submatrix. Likely causes are unsymmetric terms from user-supplied matrices, downstream superelements whose upstream members have mechanisms suppressed due to use of PARAM,MAXRATIO or PARAM,BAILOUT,
or errors in NX NASTRAN code. If the stiffness terms were generated from NX NASTRAN elements rather than matrices from outside NX NASTRAN, and no large factor-to-diagonal messages are present, please send runs to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

4401.0 *** USER FATAL MESSAGE 4401 (PRTPRN)
A Q-SET EXISTS, BUT AN O-SET DOES NOT EXIST.
User information:
This error is detected by the GPSP module and issued by the PRTPARM DMAP statement. The q-set is used for Generalized Dynamic Reduction and Component Mode Synthesis. It requires the presence of an o-set. An o-set is formed only if ASETi or OMITi entries are present. Put degrees of freedom listed on QSETi entries on ASETi entries.

4402.0 *** USER FATAL MESSAGE 4402 (PRTPRN)
NO L-SET REMAINS AFTER CONSTRAINTS AND O-SET REMOVED.
User information:
No degrees of freedom remain in the L-set after multipoint and single point constraints and omitted coordinates are removed. Although this may be a well-defined engineering problem, all solution sequences require at least one L-set degree of freedom. Either remove some constraints or omitted coordinates or add unconstrained degrees of freedom.

4403.0 *** USER FATAL MESSAGE 4403 (PRTPRN)
STIFFNESS MATRIX FOR Q-SET NOT NULL.
User information:
The q-set is reserved for generalized coordinates. In superelement analysis, each superelement must have a unique set of variables specified for its q-set. Remove any elements connected to q-set points and provide a unique set of degrees of freedom for each superelement that has generalized coordinates.

4404.0 *** USER FATAL MESSAGE 4404 (PRTPRN)
MASS MATRIX FOR Q-SET NOT NULL.

User information:
The q-set is reserved for generalized coordinates. In superelement analysis, each superelement must have a unique set of variables specified for its q-set. Remove any elements connected to q-set points and provide a unique set of degrees of freedom for each superelement that has generalized coordinates.

4405.0 *** USER FATAL MESSAGE 4405 (PRTPRN)
NO EIGENVECTORS COMPUTED FOR COMPONENT MODE SYNTHESIS OR SYSTEM SOLUTION.
User information:
The eigenvectors computed in component mode synthesis (CMS) are used to approximate the motion of the component. Some vectors must be present to perform this reduction. For the system solution, an exit is taken if eigenvalues are requested but not eigenvectors.
Reset the "range of frequency" and/or the "number desired" on the EIGR EIGR or EIGRL entry. If the superelement does not have any eigenvalues in the range of interest, remove the CMS request for that particular superelement.
This message is also issued when the eigenvectors calculated with a transformation method such as GIV do not pass internal orthogonality checks. This is indicative of a modeling error.
This message can also be issued if insufficient memory is available for the Lanczos method with sparse decomposition.
This could occur with UFM 5401 and be related to UWM 5411.

4406.0 *** USER FATAL MESSAGE 4406 (PRTPRN)
THE SEMG OPERATION HAS NOT BEEN COMPLETED FOR THIS SUPERELEMENT.
User information:
The SEMG operation must be completed before the SEKR, SEMR, SELR, and SELG operation is requested. If these other operations are requested and the SEMG operation was not completed on a prior run, certain data blocks such as the SIL will not be in the Database.
Request the SEMG operation for the superelement that fails.

4407.0 *** USER FATAL MESSAGE 4407 (PRTPRN)
MR MATRIX HAS NULL DIAGONAL TERM.
User information:
The MR matrix contains the rigid-body mass matrix of the structure as measured at the degrees of freedom listed on the SUPORT entry. If any of these degrees of freedom have null mass, they result in invalid eigenvectors. Put in enough masses to define all rigid-body modes.

4408.0 *** USER FATAL MESSAGE 4408 (PRTPRN)
Q-SET NOT IMPLEMENTED FOR SOL 62.
User information:
The q-set is used for generalized coordinates and has no function

in this solution sequence. Load reduction errors will occur if it is present. Remove QSETi entries.

4409.0 *** USER WARNING MESSAGE 4409 (PRTPRN)
PARAM, FIXEDB USED IN SOLUTION SEQUENCE WHERE NOT SUPPORTED.
User information:
This capability is intended for the data recovery in the statics and normal modes solution sequences only. If requested in other solution sequences it will cause an exit from the data recovery loop for the present superelement and continuation to the next superelement.

4410.0 *** USER WARNING MESSAGE 4410 (PRTPRN)
DATA RECOVERY REQUESTED WHEN USET TABLE NOT PRESENT.
User information:
This is caused by improper restarts or improper use of the multiple file database concept. The program will terminate processing the superelement listed at the top of the page, and attempt data recovery on the next superelement. Attach the database that has the superelement data on it or rerun the superelement and all downstream superelements through the SEALL process.

4411.0 *** USER FATAL MESSAGE 4411 (PRTPRN)
GEOMETRIC NONLINEAR MODEL WITH NO STRUCTURAL ELEMENTS AND/OR GENELS.
User information:
Solution 64 requires "simple" (conventional) elements and does not process GENEL entries.

4412.0 *** USER FATAL MESSAGE 4412 (PRTPRN)
GEOMETRIC NONLINEARITY DOES NOT SUPPORT O-SET OR R-SETS.
User information:
SOL 64 does not process any sets that are subsets of the f-set. Remove OMITi, SUPORT, ASETi, BSETi, CSETi entries from the Bulk Data Section.

4413.0 *** USER FATAL MESSAGE 4413 (PRTPRN)
NEGATIVE TERMS IN FACTOR. STATICALLY UNSTABLE SYSTEM.
User information:
Negative terms on the diagonal terms of the factor of the decomposed stiffness matrix indicates that portions of the structure are in a post-buckled state. If allowed to iterate, the solution may not converge. PARAM, TESTNEG may be used to force iteration to continue.

4414.0 *** USER FATAL MESSAGE 4414 (PRTPRN)
SIL TABLE NOT AVAILABLE FOR COMPRESSIBLE VIRTUAL FLUID MASS.
User information:
The SEALL operation must be completed on the residual structure

before this capability may be used.

4415.0 *** USER INFORMATION MESSAGE 4415 (PRTPRN)
THE FOLLOWING A-SET DEGREES OF FREEDOM HAVE EITHER NULL MASSES OR NULL MASSES AND STIFFNESS.
User information:
If the listed degrees of freedom have null mass for the GIV, HOU, MHOU, or MGIV methods, they are automatically omitted. For the INV method, or for direct frequency or direct transient response, they are given the auto-elimination operation. Inspect the listed degrees of freedom to ensure that masses or stiffnesses are not left out inadvertently.

4416.0 *** USER FATAL MESSAGE 4416 (PRTPRN)
NO DYNAMIC LOAD TABLE AVAILABLE.
User information:
A frequency response or transient response analysis was requested, but no dynamic load data is available. Include dynamic load data in model.

4417.0 *** USER FATAL MESSAGE 4417 (PRTPRN)
NO TRANSIENT RESPONSE LIST AVAILABLE.
User information:
A transient response dynamic analysis was requested, but no transient response list is available. Include TSTEP entry in Bulk Data.

4418.0 *** USER FATAL MESSAGE 4418 (PRTPRN)
NO EIGENVALUE EXTRACTION DATA IS AVAILABLE.
User information:
A dynamic analysis was requested, but no eigenvalue extraction data was available. Include eigenvalue extraction data EIGR or EIGRL in the Bulk Data.
Possible causes are
METHOD command in Case Control, no EIGR or EIGRL in Bulk Data.
METHOD command in Case Control, EIGRL entry in Bulk Data, or no RF3D83 (SOL 3 only).
No correspondence between set IDs on METHOD and EIGR/EIGRL entries.

4419.0 *** USER FATAL MESSAGE 4419 (PRTPRN)
NO QSET, THOUGH REQUIRED FOR DYNAMIC REDUCTION.
User information:
Dynamic reduction was requested for dynamic analysis but no QSET was specified. Define QSET in bulk data.

4420.0 *** USER WARNING MESSAGE 4420 (PRTPRN)
THE FOLLOWING DEGREES OF FREEDOM ARE POTENTIALLY SINGULAR.
User information:
During decomposition, the degrees of freedom listed had pivot ratios greater than MAXRATIO. Verify that the degrees of freedom are not

part of a mechanism and that elements do not have excessive stiffness.
In superelement analysis, this condition causes run termination.
PARAM,BAILOUT may be used to continue the run.
See the NX NASTRAN Numerical MethodsUser's Guide.

4421.0 *** USER FATAL MESSAGE 4421 (PRTPRN)
NO FREQUENCY RESPONSE LIST AVAILABLE.
User information:
A frequency response dynamic analysis was requested, but no frequency data is available. Include frequency data (FREQ, FREQ1, FREQ2) in the Bulk Data.

4422.0 *** USER FATAL MESSAGE 4422 (PRTPRN)
NUMBER OF NULL ROWS IN THE DYNAMIC MATRICES IS NOT EQUAL TO THE NUMBER OF NULL COLUMNS.
AUTOMATIC CONSTRAINTS CANNOT BE PERFORMED.
User information:
This problem may be caused by improper direct inputs for K2PP, M2PP and B2PP. Check all DMIGs and TFs defining K2PP, M2PP and B2PP It can also occur when all input matrices are null. This problem may also be caused by singularities in the model. Check the constraints in the model.

4423.0 *** USER FATAL MESSAGE 4423 (PRTPRN)
A NONLINEAR ELEMENT IS ATTACHED TO AN OMITTED DEGREE OF FREEDOM.
User information:
In material and geometric nonlinear analysis all nonlinear elements must not be attached to o-set degrees of freedom. Move the degree of freedom to the a-set. This error will occur if there are QSETi entries present but no ASETi or OMITi entries.

4424.0 *** USER WARNING MESSAGE 4424 (PRTPRN)
ESTNL IS PURGED. CHECK YOUR DATABASE OR PARAM, LOOPID.

4425.0 *** USER INFORMATION MESSAGE 4425 (PRTPRN)
ONE OR MORE FATAL ERRORS HAVE OCCURRED. THERE MAY BE MORE ERROR MESSAGES IN THE PRECEDING OUTPUT
User information:
One or more modules has found a fatal error condition. A message is printed for each fatal error condition. They have set a flag, which causes this message to be printed at the end of the run. Error messages may occur anywhere in the output, so you should search your output for these errors (search for FATAL).
This message is most likely when PARAM,ERROR,0 is used. However, this error will be issued in superelement analysis if User Warning Message 4698 is also issued.
In cyclic symmetry analysis, if no eigenvalues are found in the prescribed frequency range on the EIGR or EIGRL entry for the current harmonic, the run will not continue to the next harmonic and the message

will result. Instead of selecting a frequency range, input the desired number of modes.

4500.0 *** USER WARNING MESSAGE 4500 (GPSP)
STIFFNESS MATRIX PURGED, GRID POINT SINGULARITY NOT TESTED.
User information:
The stiffness matrix (KGG) input to module GPSP was purged. No singularity testing was possible. This can occur normally during checkout of downstream superelements before their upstream components are reduced. Assemble and reduce the upstream superelements.

4501.0 *** USER FATAL MESSAGE 4501 (TRLGA)
RLOADI CARD SELECTED IN TRANSIENT ANALYSIS. USE TLOADI .
User information:
RLOADi entries are used in frequency response analysis. These entries have no meaning in transient analysis. Replace RLOADi with TLOADi entries.

4502.0 *** USER WARNING MESSAGE 4502.
ALL PLOT VECTORS FOR SEUPPLOT%1 DO NOT HAVE THE SAME NUMBER OF COLUMNS.
User information:
The SEUPPLOT command causes plot vectors that were generated for each superelement to be combined. There must be an equal number of vectors for all superelements. Common causes of this error include not using the same SUBCASE - SUBCOM - REPCASE structure for all superelements and restart errors. Print the database dictionary, and inspect the number of columns in all PUGV matrices. Rerun any superelement with an incorrect number through data recovery.

4503.0 *** USER FATAL MESSAGE 4503. (FMPH1D)
SELECTED ELIST BULK DATA CARD WITH ID%1 CANNOT BE FOUND.
User information:
An ELIST entry selected on an MFLUID Bulk Data entry could not be found in the MATPOOL.

4504.0 *** USER FATAL MESSAGE 4504. (FMPH1D)
COMPRESSIBLE FLUID (MFLUID SET = %1) NOT ALLOWED FOR SUPERELEMENT ID = %2
ONLY ALLOWED ON THE RESIDUAL STRUCTURE.
User information:
Compressible fluid may only be placed on the elements of the residual structure--not on upstream superelements.

4505.0 *** USER INFORMATION MESSAGE 4505
AUXILIARY ANGLE CONCEPT IS BEING USED FOR
INTERNAL GRID NO. =%1 AT DOF = %2 AND = %3 IN RADIANS

4506.0 *** USER WARNING MESSAGE 4506. (GPFDR)

TOTAL STRAIN ENERGY IS ZERO. THE PERCENT OF TOTAL
STRAIN ENERGY IS ALSO SET TO ZERO.

4507.0 *** USER INFORMATION MESSAGE 4507. (GPFDEV)
IN SUBCASE %1 %2 %3
THERE ARE %4 %5 ELEMENTS HAVING STRAIN ENERGY WHICH IS LESS THAN %6 PERCENT
OF THE TOTAL STRAIN ENERGY OF ALL ELEMENTS.

4507.1 *** USER INFORMATION MESSAGE 4507. (GPFDEV)
IN SUBCASE %1 %2 %3
THERE ARE %4 %5 ELEMENTS HAVING KINETIC ENERGY WHICH IS LESS THAN %6 PERCENT
OF THE TOTAL STRAIN ENERGY OF ALL ELEMENTS.

4507.2 *** USER INFORMATION MESSAGE 4507. (GPFDEV)
IN SUBCASE %1 %2 %3
THERE ARE %4 %5 ELEMENTS HAVING ENERGY LOSS WHICH IS LESS THAN %6 PERCENT
OF THE TOTAL STRAIN ENERGY OF ALL ELEMENTS.

4508.0 *** USER FATAL MESSAGE 4508
A GRID AND COMPONENT HAS BEEN SPECIFIED TWICE ON DMIG %1
User information:
The referenced DMIG matrix has an element input more than once. This is not allowed, even if both entries are of the same value. Delete all multiple entries.

4508.1 *** USER FATAL MESSAGE 4508
A GRID AND COMPONENT HAS BEEN SPECIFIED TWICE ON DMIK %1

4508.2 *** USER FATAL MESSAGE 4508
A GRID AND COMPONENT HAS BEEN SPECIFIED TWICE ON DMIJ %1

4508.3 *** USER FATAL MESSAGE 4508
A GRID AND COMPONENT HAS BEEN SPECIFIED TWICE ON DMIJI %1

4509.0 *** USER FATAL MESSAGE 4509
A GRID AND COMPONENT HAS BEEN SPECIFIED TWICE ON TF FUNCTION %1
User information:
The referenced TF entry has an element input more than once. Delete all multiple entries.

4511.0 *** USER FATAL MESSAGE 4511.
SUBCASE %1 DOES NOT REFERENCE ANY %2 BULK DATA CARD. (REQUIRED BY NON-LINEAR ANALYSIS.)
User information:

Each subcase in a nonlinear analysis must contain an NLPARM Bulk Data entry selection. The subcase indicated does not contain this selection.

4512.0 *** USER FATAL MESSAGE 4512.
SUBCASE %1 REFERENCES UNDEFINED %2 CARD WITH ID =%3.
User information:
The NLPARM Bulk Data entry referenced in the subcase indicated does not exist in the MPT.

4520.0 *** USER INFORMATION MESSAGE 4520 (TA1THT)
THE USER SUPPLIED COORDINATE SYSTEM ID %1
IS ORIENTED AT AN ANGLE OF %2 TO SIDE 1-2 OF THE ELEMENT ID %3

4521.0 *** USER FATAL MESSAGE 4521 (TA1THT)
THE X-AXIS OF COORDINATE SYSTEM %1 IS PERPENDICULAR TO ELEMENT %2
User information:
The user supplied material orientation coordinate system x-axis is normal to the plane of the element and, hence, the material orientation angle with lines = constant of the element is indeterminate. Choose a new coordinate system ID whose x-axis is not normal to the plane of the element.

4522.0 *** USER FATAL MESSAGE 4522
THE NON-RECTANGULAR AREA4 ELEMENTS ARE DIVIDED INTO TWO AREA3 ELEMENTS BY THE PROGRAM.
THIS HAS CREATED TOO MANY ELEMENTS FOR THE PROGRAM TO HANDLE. INCREASE YOUR MEMORY REQUEST OR DECREASE THE NUMBER OF ELEMENTS.
User information:
Increase memory.

4523.0 *** USER FATAL MESSAGE 4523
ERROR IN CHBDY CARD%1 THE GRID POINTS OF A LINE ELEMENT MUST BE DISTINCT. VECTOR (V1,V2,V3) MUST NOT BE THE ZERO VECTOR
NOR MAY IT COINCIDE WITH THE LINE CONNECTING THE TWO GRID POINTS.
User information:
CHBDY entry defines an illegal line element.

4524.0 *** USER FATAL MESSAGE 4524
ERROR IN CHBDY CARD%1 THIS CARD REFERENCES AN UNDEFINED VIEW CARD.
User information:
Either the VIEW entry number in field 9 of the CHBDY entry is incorrect, or the VIEW entry is incorrect (field 1 or 2).

4525.0 *** USER WARNING MESSAGE 4525

THE USER HAS SPECIFIED A ZERO SUB-ELEMENT MESH SIZE FOR CHBDY CARD%1
THE PROGRAM DEFAULTS TO A 1 X 1 MESH SIZE AND CONTINUES PROCESSING.
User information:
The results are quite sensitive to subelement mesh size.

4526.0 *** USER FATAL MESSAGE 4526
ERROR IN PHBDY CARD%1 THE AREA SPECIFIED MUST BE POSITIVE.
User information:
Element must be given positive areas.

4527.0 *** USER FATAL MESSAGE 4527
ERROR IN CHBDY CARD %1 GRID POINTS %2 AND %3 ARE COINCIDENT.
User information:
Coincident grid points will not properly define the element shape specified in field 4 of the CHBDY entry.

4528.0 *** USER FATAL MESSAGE 4528
ERROR IN CHBDY CARD%1 AN AREA4 ELEMENT MUST BE A QUADRILATERAL CONTAINING NO ANGLE GREATER THAN OR EQUAL
TO 180 DEGREES. THE GRID POINTS MUST BE SPECIFIED SEQUENTIALLY AROUND THE QUADRILATERAL.

4529.0 *** USER FATAL MESSAGE 4529
ERROR IN CHBDY CARD%1 VECTOR (V1,V2,V3) MUST NOT BE THE ZERO VECTOR.
FIELDS 6,7, AND 8 OF THE CONTINUATION CARD OF THE CHBDY CARD WERE ALL FOUND TO BE ZERO.
User information:
Thus, a vector V = (0, 0, 0) was defined. The element type (either POINT or LINE) defined in field 4 of the CHBDY entry requires V to be nonzero.

4530.0 *** USER FATAL MESSAGE 4530
ERROR IN CHBDY CARD%1 THE FOUR GRID POINTS MUST ALL BE IN ONE PLANE
User information:
All four grid points of AREA4 element must be coplanar.

4531.0 *** USER WARNING MESSAGE 4531
EITHER NB OR NG HAS BEEN CALCULATED AS ZERO FOR THE SECOND TRIANGLE
COMPOSING CHBDY CARD%1 . REPLACE THE ZERO WITH A ONE.
User information:
The AREA4 element was split into two triangles as it is nonrectangular.
The MESH distribution for NB and NG yielded a zero MESH. It was changed

to one. The user should consider replacing AREA4 with two AREA3 elements
to assume control of the MESH.

4532.0 *** USER FATAL MESSAGE 4532.
FOR LOAD SET =%1, A %2 CARD REFERENCES UNDEFINED GRID ID =%3 .
User information:
The referenced entry refers to a grid point ID that is not in the Bulk Data deck.

4534.0 *** USER INFORMATION MESSAGE 4534,
%1 ELEMENTS HAVE A TOTAL VIEW FACTOR (FA/A) LESS THAN 0.99, ENERGY MAY BE LOST TO SPACE.
User information:
Some radiation HBDY elements have a column sum in the RADMTX matrix which is less than the element area. If you intended to allow energy loss, no action is required. If you do not want the loss, adjust the values on the RADMTX input data entries.

4535.0 *** USER WARNING MESSAGE 4535 (PTHBDY)
CHBDY ELEMENT %1 HAS NO NORMAL OR BAD GEOMETRY WHICH MAKES IT UNPLOTTABLE.
User information:
CHBDY types "POINT" and "LINE" must have an orientation vector. For type LINE the two grid points must be spatially distinct and not define a line collinear with the orientation vector (V1, V2, V3 on CHBDY entry). Check V1, V2 and V3 on CHBDY entry.

4536.0 *** USER WARNING MESSAGE 4536,
COL %1, ROW %2 OF RADMTX IS NEGATIVE (%3).
User information:
A negative RADMTX value is not valid for a real structure, since it corresponds to a negative view factor. Correct RADMTX entries.

4536.1 *** USER FATAL MESSAGE 4536.
FREE FIELD BULK DATA CARD HAS GENERATED AN INTEGER THAT OVERFLOWS THE ALLOWED 8 COLUMNS.
User information:
The free field Bulk Data entry generator only works with 8 column fields, but input to it generated an integer less than -9999999 or greater than 99999999. Redesignate the numbering scheme or switch to double field entries. NOTE: Double field entries CANNOT be generated using free field entries.

4537.0 *** USER INFORMATION MESSAGE 4537,
TOTAL VIEW FACTOR (FA/A), FOR ELEMENT %1 IS %2, ELEMENT AREA IS %3.
User information:
This information is requested by SYSTEM(88) = 1. Correct RADMTX

data, unless it is intended to radiate to space (lost to zero absolute temperature surroundings).

4538.0 *** USER FATAL MESSAGE 4538 (NL2INT)
UNABLE TO FIND SELECTED TSTEPNL SET (%1) IN %2 DATA IN SUBROUTINE %3

4538.1 *** USER FATAL MESSAGE 4538 (NLCINT)
UNABLE TO FIND SELECTED %1 SET (%2) IN %3 DATA IN SUBROUTINE %4
User information:
The set identification was either not selected within case control or the Bulk Data entry for the set was not supplied. Check both the case control and bulk data for the requested NLCNTL set.

4538.3 *** USER FATAL MESSAGE 4538 (NLCINT)
UNABLE TO FIND SELECTED %1 SET (%2) IN %3 DATA IN SUBROUTINE %4
User information:
The set identification was either not selected within case control or the Bulk Data entry for the set was not supplied. Check both the case control and bulk data for the requested NLPARM set.

4539.0 *** USER FATAL MESSAGE 4539 (NL2INT)
THE TSTEPNL DATA CARDS HAVE NOT BEEN ENTERED.

4539.1 *** USER FATAL MESSAGE 4539 (NLCINT)
THE %1 DATA CARDS HAVE NOT BEEN ENTERED.
User information:
The user requested nonlinear analysis and supplied the correct Case Control commands but did not supply the corresponding NLPARM OR TSTEPNL Bulk Data entries. Enter the corresponding NLPARM or TSTEPNL Bulk Data entries.

4539.2 *** USER FATAL MESSAGE 4539 (NL2INT2)
THE NLCNTL DATA CARDS HAVE NOT BEEN ENTERED.

4539.3 *** USER FATAL MESSAGE 4539 (NLCINT)
THE %1 DATA CARDS HAVE NOT BEEN ENTERED.
User information:
The user requested SOL 401 nonlinear analysis and supplied the correct Case Control commands but did not supply the corresponding NLCNTL Bulk Data entries.
Enter the corresponding NLCNTL Bulk Data entries.

4540.0 *** SYSTEM FATAL MESSAGE 4540 (NL2INT)
INPUT ESTNL DATA BLOCK IS NOT IN NON-LINEAR FORMAT.
System information:
The EST data block which was submitted to the nonlinear iteration module was not in the correct format. This implies that the nonlinear appendages were nonexistent and no computations can be performed. (This is detected by the fact that the second trailer word for linear

EST data blocks is a zero, and it is non-zero for nonlinear appendage format.) Make sure that the DMAP has the correct EST data block as the input to the NLITER module.

4542.0 *** USER FATAL MESSAGE 4542 (NLINIT)
NO LOAD INCREMENT EXISTS FOR NONLINEAR SUBCASE.
User information:
The DELPLV data block, which is the incremental load vector for the subcase, was null. This implies that no change in the nonlinear occurred. Review the LOAD requests and make sure a valid SUBCASE was selected.

4543.0 *** USER WARNING MESSAGE 4543 (NL2IML)
NO RESTART DISPLACEMENTS EXIST FOR NON-LINEAR SUBCASE.
User information:
On a NLITER restart condition the nonlinear incremental displacement vector was zero. Review the SUBCASE and LOAD options for correctness.

4546.0 *** SYSTEM FATAL MESSAGE 4546 (NLEMG)
ESTNL AND FILE (%1) ARE NOT PROPERLY ALIGNED
System information:
The nonlinear EST file has become misaligned with the associated file number. Check that no elements have been inadvertently eliminated. Review element and set definitions.

4546.1 *** SYSTEM FATAL MESSAGE 4546 (NLEMG2)
ESTNL AND ESTNLINI ARE NOT PROPERLY ALIGNED
System information:
The nonlinear EST file has become misaligned with ESTNLINI. Check that no elements have been inadvertently eliminated.
Review element and set definitions.

4548.0 *** SYSTEM FATAL MESSAGE 4548 (NBEM1D)
SINGULAR (C-KRR) MATRIX ENCOUNTERED FOR BEAM ELEMENT %1
System information:
A singular CBEAM plastic hinge matrix was detected. Review definition of CBEAM element.

4549.0 *** SYSTEM FATAL MESSAGE 4549 (NBEM2D)
SINGULAR (C+KBRR) MATRIX ENCOUNTERED FOR BEAM ELEMENT %1
System information:
A singular CBEAM plastic hinge update matrix was encountered. Review definition for CBEAM element.

4550.0 *** USER INFORMATION MESSAGE 4550
*** NEW STIFFNESS MATRIX IS REQUIRED ***
User information:
This is issued based on the stiffness matrix update strategy specified on the NLPARM or TSTEPNL entry, or when the adaptive gap element

stiffens
or its penalty value is adjusted after convergence.

4550.1 *** USER INFORMATION MESSAGE 4550 (NL2CON)
*** BISECTION IS ACTIVATED BY LINE CONTACT.

4550.2 *** USER INFORMATION MESSAGE 4550 (NCONVG)
*** NEW STIFFNESS MATRIX IS REQUIRED BY GAP ***

4550.3 *** USER INFORMATION MESSAGE 4550 (NCONVG)
*** NEW STIFFNESS MATRIX IS REQUIRED BY LINE CONTACT.

4550.4 *** USER INFORMATION MESSAGE 4550 (NLITER)
*** NEW STIFFNESS MATRIX IS REQUIRED BY GAP FOR PENALTY VALUE ADJUSTMENT ***

4551.0 *** USER FATAL MESSAGE 4551 (NL2CON)
STOPPED PROBLEM DUE TO FIVE CONSECUTIVE DIVERGING TIME STEPS.
User information:
A solution is not possible. Review NLPARM requests and modify to select a better solution approach.

4551.1 *** USER FATAL MESSAGE 4551 (NL2CON)
STOPPED PROBLEM DUE TO TWO DIVERGENCES IN THE SAME TIME STEP.
User information:
A solution is not possible. Review NLPARM requests and modify to select a better solution approach.

4551.2 *** USER FATAL MESSAGE 4551 (NL2CON)
*** PREVIOUS MESSAGE HAS OCCURRED ON FIVE CONSECUTIVE TIME STEPS.
User information:
A solution is not possible. Review NLPARM requests and modify to select a better solution approach.

4551.3 *** USER FATAL MESSAGE 4551 (NCONVG)
*** STOPPED PROBLEM DUE TO FAILED CONVERGENCE
User information:
A solution is not possible. Review NLPARM requests and modify to select a better solution approach.

4551.4 *** SYSTEM FATAL MESSAGE 4551 (NLTCON)
STOPPED PROBLEM DUE TO FIVE CONSECUTIVE DIVERGING TIME STEPS.
System information:
A solution is not possible. Review NLPARM requests and modify to select a better solution approach.

4551.5 *** SYSTEM FATAL MESSAGE 4551 (NLTCON)
STOPPED PROBLEM DUE TO TWO DIVERGENCES IN THE SAME TIME STEP.

System information:
A solution is not possible. Review NLPARM requests and modify
to select a better solution approach.

4551.6 *** USER INFORMATION MESSAGE 4551 (NLTRD)
*** DIVERGENCE HAS OCCURRED ON THE EXTRA TIME STEP %1
AND CONVERGENCE HAS BEEN FORCED.
User information:
A solution is not possible. Review NLPARM requests and modify
to select a better solution approach.

4551.7 *** USER FATAL MESSAGE 4551 (NL2CON2)
STOPPED: PROBLEM FAILS TO CONVERGE EVEN AFTER
PERFORMING MAXBIS BISECTIONS.
User information:
A solution is not possible. Review NLCNTL/TSTEP1 requests and modify
to select a better solution approach.

4551.8 *** USER FATAL MESSAGE 4551 (NL2CON2)
STOPPED: PROBLEM FAILS TO CONVERGE FOR SOLUTION AT
TIME ZERO.
User information:
A solution is not possible. Review NLCNTL/TSTEP1 requests and modify
to select a better solution approach.

4551.9 *** USER FATAL MESSAGE 4551 (NL2CON2)
STOPPED: PROBLEM FAILS TO CONVERGE AFTER PERFORMING
MAXIMUM PERMISSIBLE ITERATIONS WHILE SOLVING AT
TIME=%1.
User information:
A solution is not possible. Review NLCNTL/TSTEP1 requests and modify
to select a better solution approach.

4551.10 *** USER INFORMATION MESSAGE 4551 (NL2CON2)
THE MAGNITUDE OF THE RESIDUAL AT TIME=%1 FOR THE
CURRENT ITERATION IS GREATER THAN OR THE SAME AS THE
INITIAL
RESIDUAL INDICATING NON CONVERGENCE.
User information:
A solution is not possible. Review NLCNTL/TSTEP1 requests and modify
to select a better solution approach.

4551.11 *** USER INFORMATION MESSAGE 4551 (NL2CON2)
DEFAULT CONVERGENCE CRITERION IS MODIFIED BY CONTACT
ALGORITHM.
TO ENFORCE A SPECIFIC CONVERGENCE, PLEASE SET ONE OR
ALL OF THE FOLLOWING NLCNTL PARAMETERS TO DESIRED
VALUE:
CONV, EPSU, EPSP, EPSW

4557.0 *** USER WARNING MESSAGE 4557 (XSBFF)

THE BELOW FREE FIELD BULK DATA ENTRY IS INCORRECTLY FORMATTED. THIS ENTRY WILL MOST LIKELY BE FLAGGED AS A FATAL ERROR LATER ON.
%1
User information:
There was an error in the free field format. Most likely an "=(n)" was coded outside of field 1, there was a parenthesis mismatch, or an alphabetic character incorrectly included in a numeric field (e.g., "*(1.2F7)" instead of "*(1.2E7)." Correct the entry.

4558.0 *** USER FATAL MESSAGE 4558
INAPPROPRIATE GEOMETRY OR INCORRECT MATERIAL DATA SPECIFIED FOR ELEMENT WITH ID =%1. SUBROUTINE REASON IS NUMBER %2.

4558.1 *** USER FATAL MESSAGE 4558
INAPPROPRIATE GEOMETRY OR INCORRECT MATERIAL DATA SPECIFIED FOR ELEMENT WITH ID =%1. SUBROUTINE REASON IS NUMBER %2.
INAPPROPRIATE -TRIAR- GEOMETRY.

4558.2 *** USER FATAL MESSAGE 4558
INAPPROPRIATE GEOMETRY OR INCORRECT MATERIAL DATA SPECIFIED FOR ELEMENT WITH ID =%1. SUBROUTINE REASON IS NUMBER %2.
MID2 MATERIAL -G- 3X3 MATRIX INSUFFICIENT, MATERIAL ID =%3

4558.3 INAPPROPRIATE GEOMETRY OR INCORRECT MATERIAL DATA SPECIFIED FOR ELEMENT WITH ID =%1. SUBROUTINE REASON IS NUMBER %2.
ZERO MOMENT OF INERTIA HAS BEEN COMPUTED.

4558.4 *** USER FATAL MESSAGE 4558
INAPPROPRIATE GEOMETRY OR INCORRECT MATERIAL DATA SPECIFIED FOR ELEMENT WITH ID =%1. SUBROUTINE REASON IS NUMBER %2.
MID3 MATERIAL -G- 2X2 MATRIX INSUFFICIENT, MATERIAL ID =%3

4559.0 *** USER FATAL MESSAGE 4559.
ILLEGAL GEOMETRY FOR TRIA3 ELEMENT WITH ID =%1
User information:
An illegal geometry was determined while calculating the local element reference system. Check the element grid locations and properties for acceptable values.

4561.0 *** USER WARNING MESSAGE 4561.
INSUFFICIENT MEMORY INWHICH TO PERFORM ORTHOGONALITY CHECKS.
ADDITIONAL MEMORY REQUIRED = %1 .

User information:
The amount of memory needed for eigenvector orthogonalization is 1/2 [number of eigenvectors * (number of eigenvectors +1)] + 2 * BUFFSIZE + number of eigenvalues. If this equation is not met, the modes are orthogonalized, but the checking function is not performed. However, all outputs from the module are provided. If the check is desired, you should either increase memory or decrease the number of eigenvectors to satisfy the above equation.

4562.0 *** USER FATAL MESSAGE 4562
TSTEP (TIME STEP) DATA IS MISSING
User information:
Transient analysis requires the time step data. Add a TSTEP Bulk Data entry, and select it with a Case Control command.

4566.0 *** USER FATAL MESSAGE 4566
SEALED RESPONSE SPECTRA REQUESTED BUT, SPECSEL FILE NOT IN DATA BASE.
User information:
The Bulk Data entry used to control scaled response spectra is named DTI,SPSEL. It is described in Section 5 of the NX NASTRAN Quick Reference Guide under that name. It must be stored in the database using a DMAP alter, as described on the referenced entry description. Print the database directory to see if the SPSEL block is present. See also Error Report 3042 in Chapter 17.

4567.0 *** USER WARNING MESSAGE 4567,
HESSENBERG METHOD FAILED TO CONVERGE.
ALTERNATE METHOD RECOMMENDED.
User information:
For certain pathological problems, the transformation method may fail. In SIEMENS PLM SOFTWARE testing, this has occurred only for problems with multiple only
for problems with multiple real roots or complex conjugate roots with zero-real components. Avoidances are to add a small damping or stiffness term, to add degrees of freedom, or otherwise perturb the problem to separate the roots on the real axis or move them into the complex plane.

4567.1 *** USER WARNING MESSAGE 4567,
NEW HESSENBERG METHOD FAILED TO CONVERGE.

4567.2 *** USER WARNING MESSAGE 4567,
NEW HESSENBERG METHOD STOPPED TO CONVERGE.

4568.0 *** USER WARNING MESSAGE 4568
THE NUMBER OF SPECTRUMS SELECTED ON THE, DLOAD CARD DOES NOT MATCH THE NUMBER OF SUPPORT POINTS., CALCULATIONS FOR THIS SUBCASE TERMINATED.
User information:
The DLOAD Bulk Data entry is used for an unconventional purpose

in response spectrum analysis. It is required, and is used to place a scaling factor on each coordinate with enforced motion. Each of these coordinates must also be on SUPORT Bulk Data entries. (See Section 15.10.) Change the number of pairs of Si, Li entries to match the number of coordinates where enforced motion occurs.

4569.0 *** USER FATAL MESSAGE 4569
ERROR ON RECORD %1 of %2 - WRONG TYPE, NO TABLES OR INCOMPLETE PAIRS.
User information:
An error has been found in the DTI Bulk Data entries used for response spectra input. Check your input against the examples given in the Handbook for Dynamic Analysis. In particular, check for the presence of "D", "U", or "A" on each record.

4570.0 ***USER INFORMATION MESSAGE 4570 (SELA)
NO LOADS WERE FOUND FOR UPSTREAM SUPERELEMENT %1.
User information:
One of the matrices needed for load assembly was not found on the database. It is assumed that no loads exist for this superelement.

4571.0 *** USER FATAL MESSAGE 4571 ---,
THE PARAMETER OLDSEQ FOR THE SEQUENCER MODULE HAS A VALUE%1
WHICH IS NOT AN ACCEPTABLE VALUE. VALID SETTINGS ARE -1 THRU 8 FOR SERIAL
RUNS AND 9 OR 11 FOR PARALLEL RUNS.
User information:
The referenced parameter is set to an illegal value. See the NX NASTRAN Quick Reference Guide, Section 6 for proper values for the parameter, and their action.

4571.1 *** USER WARNING MESSAGE 4571 ---,
THE PARAMETER NEWSEQ FOR THE SEQUENCER MODULE HAS A VALUE OF ZERO
THIS WILL BE CHANGED TO NEWSEQ=3
User information:
The referenced parameter is set to an illegal value. See the NX NASTRAN Quick Reference Guide, Section 6 for proper values for the parameter, and their action.

4572.0 *** USER FATAL MESSAGE 4572---,
RESEQUENCING PROCESSING CANNOT BE COMPLETED.
User information:
The resequencing algorithm has failed to converge. Avoidances are:
(1) request more memory;
(2) divide the structure into groups, using the SESET Bulk Data entry;
(3) avoid the resequencing operation by use of PARAM,NEWSEQ,-1.

4574.0 *** USER FATAL MESSAGE 4574 (SDR1)
DATA RECOVERY STARTED BUT NO DISPLACEMENT VECTORS AVAILABLE
User information:
The SDR1 module has begun to expand the displacement vector from solution set size to g-set size, but no solution set vector is available. Usual causes are a null load vector. Check the loading input. If only enforced displacements are desired, add a very small load to produce a load vector.
This message may also occur in a non-superelement unstructured solution sequence if SEALL, SEMG, SELG, SEKR, SELR, or SEMP are used in the Case Control.

4576.0 DISPLACEMENT OR VELOCITY OUTPUT REQUEST FOR GRID POINT %1 REFERENCED IN DTI, SPSEL NOT PRESENT IN CASE CONTROL.
NO SCALED RESPONSE SPECTRA WILL BE CALCULATED FOR IT.
User information:
Response spectra of the form requested by XYPLOT SPECTRAL etc. requires the presence of the DTI Bulk Data entries named SPECSEL. See Section 15.10. Scaled response spectra of the form requested by XYPLOT SPECTRAL etc. has been listed on the required Bulk Data entry DTI,SPECSEL, but not in DISP and VELO Case Control requests. Add Case Control requests for DISP and VELO.

4577.0 *** USER FATAL MESSAGE 4577. (GP3C)
PLOAD4 LOAD SET =%1 REFERENCES ELEMENT ID =%2
WHICH WAS NOT FOUND AMONG TRIA3, TRIA6, QUAD4, QUAD8, HEXA, PENTA, PYRAM OR HYPERELASTIC SOLID ELEMENTS IN THE PROBLEM.

4578.0 *** USER FATAL MESSAGE 4578. (GP3C)
PLOAD4 LOAD SET =%1 WITH DIAGONAL CONNECTING GRIDS %2 AND %3
IS INCORRECT FOR ELEMENT WITH ID =%4
User information:
The two grids must be at opposite corners of a quadrilateral face.

4578.1 *** USER FATAL MESSAGE 4578. (GP0P4B)
PLOAD4 LOAD SET =%1 ELEMENT WITH ID =%2
GRIDS %3 AND %4 ARE NOT CONNECTING DIAGONALLY OPPOSITE.
PROGRAMMERS NOTE (CORNER GRIDS ARE:%5)

4578.2 *** USER FATAL MESSAGE 4578. (GP0P4A)
PLOAD4 LOAD SET =%1 HEXA ELEMENT WITH ID =%2
GRIDS %3 AND %4 ARE NOT CONNECTING DIAGONALLY OPPOSITE.

4579.0 *** USER FATAL MESSAGE 4579. (GP3C)

PLOAD4 LOAD SET =%1. TETRA ELEMENT%2
DOES NOT CONTAIN GRID%3 AS A CORNER NODE FOR ANY
TRIANGULAR FACE.

4579.1 *** USER FATAL MESSAGE 4579. (GP3C)
PLOAD4 LOAD SET =%1. PENTA ELEMENT%2
DOES NOT CONTAIN GRID%3 AS A CORNER NODE FOR EITHER
TRIANGULAR FACE.

4579.2 *** USER FATAL MESSAGE 4579. (GP0P4A)
PLOAD4 LOAD SET =%1 TETRA ELEMENT WITH ID =%2
%3 IS NOT A CORNER NODE FOR THE TRIANGULAR FACE
WHICH DOES NOT CONTAIN "G4" = %4

4579.3 *** USER FATAL MESSAGE 4579. (GP0P4A)
PLOAD4 LOAD SET =%1 TETRA ELEMENT WITH ID =%2
GRID POINT %3 IS A INVALID FOR "G4".

4579.4 *** USER FATAL MESSAGE 4579. (GP0P4A)
PLOAD4 LOAD SET =%1 PENTA ELEMENT WITH ID =%2
DOES NOT CONTAIN GRID %3 AS ACORNER NODE FOR EITHER
TRIANGULAR FACE.

4580.0 *** USER WARNING MESSAGE 4580. DET METHOD HAS
CONVERGED TO A MULTIPLE POLE AT
%1 INCREASE M.
User information:
The EIGP Bulk Data entry is used to input known roots "poles"), and
the number of roots at the pole (the multiplicity, "M"). If M is
underestimated, the method will not converge. If this condition is
detected, the iteration process is halted. Increase M.

4581.0 *** USER WARNING MESSAGE 4581 (FA1PKE)
PK FLUTTER ANALYSIS FAILED TO CONVERGE FOR LOOP %1,
ROOT %2
User information:
When using the PK-method for flutter analysis, the FA1 module may
not always converge to a solution. The last estimate has been kept
for output. If DIAG 39 is used, the iteration data can be printed for
examination.

4582.0 *** USER WARNING MESSAGE 4582 (DPDBB),
DAREA ID=%1 SPECIFIED IN DYNAMIC LOAD DATA REFERS TO A
NON-EXISTENT STATIC LOADS MATRIX COLUMN%2 (NCOLS=%3
User information:
The most likely cause occurs when changing an LSEQ entry on a restart
without regenerating and assembling the static load matrix. This error
is detected in subroutine DPD2.

4584.0 *** SYSTEM WARNING MESSAGE 4584---,
UNABLE TO EXECUTE THE SEQUENCER PROCESSOR DUE TO THE
LACK OF CONNECTION DATA.

System information:
No connection data could be found probably due to missing or incomplete Bulk Data entries.

4585.0 *** USER WARNING MESSAGE 4585. (PLOD1D)
PLOAD1 WITH SID %1 HAS AN APPLIED LOAD BEYOND THE END OF ELID %2
User information:
The load specified or the element specified is being applied outside the end points of the CBAR, CBEAM or CBEND element. The load will be applied correctly, but it is probably not what was desired. The effective values for X1 and X2 on the PLOAD1 entry should be less than or equal to 1.0.

4587.0 *** USER FATAL MESSAGE 4587,
NO LOAD DATA AVAILABLE FOR CYCLIC SYMMETRY ANALYSIS.
User information:
A cyclic symmetry analysis was requested but no load data is available. Include load data in model (i.e., LOADCYN, LOADCYH, or LOADCYT and other
appropriate load data). For superelement analysis the user must include loads in all superelements.

4589.0 THE SEQUENCER RIGID BODY PROCESSING REQUIRES AN ESTIMATED%1 WORDS OF ADDITIONAL MEMORY.

4589.1 NO SPILL WILL OCCUR IN THE SEQUENCER (MPC & RIGIDS) WITH %1 WORDS OF ADDITIONAL MEMORY.

4589.2 *** USER INFORMATION MESSAGE 4589 ---,
NO SEQUENCING COULD OCCUR WITH %1 WORDS LESS MEMORY.
*** SPILL FACTOR =%2 ***

4589.3 *** USER INFORMATION MESSAGE 4589 ---,
NO SPILL WILL OCCUR IN THE SEQUENCER WITH %1 WORDS OF ADDITIONAL MEMORY.

4590.0 *** USER WARNING MESSAGE 4590.
A SURFACE OR VOLUME CARD HAS BEEN IMPROPERLY DEFINED - IGNORED.
User information:
The SURFACE or VOLUME command does not have a valid ID. Check all SURFACE or VOLUME commands for proper integer IDs.

4591.0 *** USER WARNING MESSAGE 4591.
ILLEGAL PARAMETER SPECIFICATION ON A SURFACE OR VOLUME CARD. ID= %1
User information:
The SURFACE or VOLUME command indicated contains data which cannot be properly interpreted or which is not a legal value for a given parameter. Check indicated SURFACE or VOLUME commands for illegal data.

4592.0 *** USER WARNING MESSAGE 4592.
THE SURFACE OR VOLUME CARD WITH ID =%1 HAS NO SET SPECIFICATION - IGNORED.
User information:
The SURFACE or VOLUME command indicated does not select a set of elements. Check indicated SURFACE or VOLUME command for missing set ID specification.

4593.0 *** USER WARNING MESSAGE 4593.
THE SURFACE OR VOLUME CARD WITH ID =%1 HAS COLLINEAR AXIS AND NORMAL SPECIFICATION.
NOT ALLOWED - SURFACE OR VOLUME WILL BE IGNORED
User information:
The SURFACE or VOLUME command indicated fails to select different axis and normal specifications. Check indicated SURFACE or VOLUME command for improper AXIS/NORMAL specification combination. They must be different.

4594.0 *** USER WARNING MESSAGE 4594.
THE POSTCDB CONTAINS NO LEGITIMATE SURFACE OR VOLUME DEFINITIONS.
USER INFORMATION:
SINCE NO LEGITIMATE SURFACE OR VOLUME COMMANDS EXIST, PROCESSING
STOPPED. CHECK OUTPUT(POST) AND CASE CONTROL GRID POINT STRESS REQUESTS
FOR CONSISTENCY. ALSO, MAKE SURE THAT SURFACE IS SPELLED CORRECTLY (SEE
ERROR REPORT 3576 IN CHAPTER 17).

4595.0 *** USER WARNING MESSAGE 4595.
UNABLE TO OPEN INTERNAL DATA BLOCK %1 IN GPSTR1 MODULE - PROCESS STOPPED.
User information:
An essential data block to module GPSTR1 is purged. A programming logic error exists in GPSTR1 which failed to supply the indicated data block.

4596.0 *** USER WARNING MESSAGE 4596.
A SURFACE OR VOLUME CARD WITH ID= %1 REFERENCES A NON-EXISTENT SET ID = %2.
User information:
The set referenced on the surface card has not been defined within the post control section of the CASE CONTROL, i.e. OUTPUT(POST). Check OUTPUT(POST) and Case Control grid point stress requests for consistency of SURFACE definitions.

4596.1 *** USER WARNING MESSAGE 4596.
A SURFACE OR VOLUME CARD ID REFERENCES A NON-EXISTENT SET ID.

User information:
The set referenced on the surface card has not been defined within the post control section of the CASE CONTROL, i.e. OUTPUT(POST). Check OUTPUT(POST) and Case Control grid point stress requests for consistency of SURFACE/VOLUME definitions.

4597.0 *** USER WARNING MESSAGE 4597.
A SURFACE OR VOLUME CARD WITH ID = %1 REFERENCES A SET ID =%2
WHICH CONTAINS NOELEMENTS OF PERMISSIBLE TYPE.
User information:
The set referenced contains no CQUAD4, CQUAD8, CQUADR, CTRIA3, CTRIA6
or CTRIAR elements. Grid point stresses are not calculated which contain no elements of permissible types.

4598.0 *** USER WARNING MESSAGE 4598.
REFERENCE COORDINATE SYSTEM %1 SPECIFIED ON %2 CARD %3 IS NOT DEFINED IN CSTM.
%4 IGNORED.
User information:
The surface card references a nonexistent coordinate system. Reference coordinate system on indicated SURFACE is not defined in (superelement) model. Surface ignored.

4599.0 *** USER WARNING MESSAGE 4599.
THE REFERENCE STRESS OUTPUT X-AXIS IS PERPENDICULAR TO STRESS SURFACE %1
AT ELEMENT %2, GRID ID = %3. STRESSES ARE ILL-DEFINED AT THIS GRID POINT.
User information:
The reference stress output X-AXIS does not project on the local average surface for indicated element. The element to output stress rotation angle and fibre consistency cannot be determined. Keys are assumed to be the same. Stresses are ill-defined at the indicated grid point number. Check reference output system and AXIS specification for consistency with indicated element.

4600.0 *** USER WARNING MESSAGE 4600.
THE REFERENCE STRESS OUTPUT NORMAL IS NEARLY PARALLEL TO ELEMENT, SURFACE %1
AT ELEMENT %2, GRID ID = %3.
User information:
The reference stress output NORMAL nearly lies in the element surface. Element fibre to output fibre consistency may be incorrect. Stress must indicate internal grid point number may not be valid. Check reference output system and NORMAL specification for consistency with indicated element.

4601.0 *** USER WARNING MESSAGE 4601.

THE REFERENCE STRESS OUTPUT X-AXIS IS NEARLY
PERPENDICULAR TO ELEMENT, SURFACE %1
AT ELEMENT %2, GRID ID = %3.
User information:
The reference stress output X-AXIS does not project on the element surface. Element to output stress rotation angle cannot be determined. Rotation angle set to 0. Stresses at indicated internal grid point number may not be valid. Check reference output system and AXIS specification for consistency with indicated element.

4602.0 *** USER WARNING MESSAGE 4602.
BREAK WARNING MESSAGE- GRID%1 IN SURFACE%2 CONNECTS TO A LINE SEGMENT SHARED
BY MORE THAN TWO ELEMENTS.
User information:
Indicated grid point connects to a line segment shared by more than two elements (GEOMETRIC interpolation only). Stress at indicated internal grid point may not be valid.

4603.0 *** USER FATAL MESSAGE 4603.
THE LSEQ SET ID %1 IS NOT UNIQUE WITH RESPECT TO OTHER STATIC LOAD IDS.
User information:
LSEQ set IDs must be unique with respect to all other static load set IDs.

4604.0 *** USER FATAL MESSAGE 4604.
FLUID MASS INTEGRATION ROUTINE HAS DETECTED ILLEGAL GEOMETRY.
SENDER ELEMENT ID =%1. RECEIVER ELEMENT ID =%2
User information:
Surface elements used for virtual mass must not overlap. This message occurs when the center of a receiver element lies at an edge of a sender element. Correct geometry or selection of elements.

4605.0 *** USER FATAL MESSAGE 4605.
INPUT MATRIX %1 IS INCOMPATIBLE WITH ITS ASSOCIATED OUTPUT LIST (I.E., TOL,FOL,LAMA,CLAMA).
User information:
Input matrix to module MODACC has fewer columns than its output list indicates. Probable DMAP error.

4606.0 *** USER WARNING MESSAGE 4606.
SURFACE OR VOLUME ID %1 HAS BEEN MULTIPLY DEFINED.
LAST DEFINITION USED.

4607.0 *** USER WARNING MESSAGE 4607.
%1 %2 CONTAINS ELEMENTS OF QUESTIONABLE STRESS/STRAIN RECOVERY FORMULATIONS,
REASONS: %3 %4 %5 %6

1. MIX OF ELEMENTS WITH PLANE STRESS AND PLANE STRAIN RECOVERY.
2. MIX OF H-ELEMENTS AND HYPERELASTIC ELEMENTS DETECTED.
3. GAUSS DATA RECOVERY DETECTED ON SOME ELEMENTS.
4. AXISYMMETRIC AND NON-AXISYMMETRIC HYPERELASTIC ELEMENTS PRESENT.
USER ACTION: REASSIGN THE %1 WITH ELEMENTS THAT HAVE CONSISTENT STRESS/STRAIN RECOVERY FORMULATIONS.

4608.0 *** USER WARNING MESSAGE 4608 FROM GPSTR1
COORDINATE SYSTEM SPECIFIED ON PSOLID BULK DATA ENTRY BUT NO CSTM DATA BLOCK PRESENT.

4609.0 *** USER WARNING MESSAGE 4609 .
FOR ELEMENT ID=%1, THE CORNER POINTS HAVE NOT BEEN SUPPLIED CORRECTLY. GPSTR1 TERMINATED.

4610.0 *** USER WARNING MESSAGE 4610 .
THE CORNER/BILIN OPTION FOR STRESS AND FORCE IS IGNORED FOR CQUAD4 ELEMENTS WITH A
THERMAL LOAD AND A SHELL OFFSET AS THIS PRODUCES INCORRECT STRESS/FORCE RESULTS.
WORK AROUNDS INCLUDE:
1) USE CQUADR ELEMENT (SEE SYSTEM CELL 370 or QRMETH).
2) USE CENTER, SGAGE OR CUBIC OPTION ON STRESS/FORCE CARDS.

4620.0 *** USER WARNING MESSAGE 4620,
GPSTRESS REQUEST IN SUBCASES IGNORED SINCE NO BGPDT INPUT.

4621.0 *** USER WARNING MESSAGE 4621 (STDCON),
NO STRESS DATA IS AVAILABLE FOR ELEMENT %1 SUBCASE %2 SURFACE/VOLUME %3.
USER ACTION : REQUEST ELEMENT STRESS OUTPUT FOR ALL ELEMENTS IN THE SURFACE/VOLUME.
User information:
Stress output for the specified element was not requested. This stress output is required to calculate the grid stresses for the specified surface.

4623.0 *** USER WARNING MESSAGE 4623
OES1 MISSING GPSTR2 PROCESSING ERMINATED.

4625.0 *** USER FATAL MESSAGE 4625
INSUFFICIENT MEMORY FOR GPSTR2 MODULE GINO BUFFER ALLOCATION.

4626.0 *** USER FATAL MESSAGE 4626
INSUFFICIENT MEMORY FOR GPSTR2 MODULE TO PROCESS GPL.

4627.0 *** USER FATAL MESSAGE 4627

INSUFFICIENT MEMORY FOR GPSTR2 MODULE TO PROCESS CASECC.

4628.0 *** USER FATAL MESSAGE 4628
INSUFFICIENT MEMORY FOR GPSTR2 MODULE TO STORE STRFIELD SET.

4629.0 *** USER FATAL MESSAGE 4629
INSUFFICIENT MEMORY FOR GPSTR2 MODULE TO STORE GPSTRESS SET.

4630.0 *** USER FATAL MESSAGE 4630
INSUFFICIENT MEMORY FOR GPSTR2 MODULE TO STORE ELEMENT LIST.

4631.0 *** USER WARNING MESSAGE 4631,
STRFIELD SET %1 NOT FOUND IN CASECC SUBCASE%2

4632.0 *** USER WARNING MESSAGE 4632,
GPSTRESS SET %1 NOT FOUND IN CASECC SUBCASE%2

4633.0 *** USER WARNING MESSAGE 4633,
NO OUTPUT STRESS REQUEST FOR SUBCASE %1 SO NO GRID STRESSES CALCULATED

4634.0 *** USER WARNING MESSAGE 4634,
NO STRESSES FOR SUPPORTED ELEMENT TYPES ON OES1 FOR SUBCASE %1 SO NO GRID STRESSES CALCULATED

4635.0 *** USER WARNING MESSAGE 4635,
GPSTRESS REQUEST IN SUBCASE %1 IGNORED SINCE OGS1 PURGED

4636.0 *** USER WARNING MESSAGE 4636,
STRFIELD REQUEST IN SUBCASE %1 IGNORED SINCE EGPST PURGED

4637.0 *** USER FATAL MESSAGE 4637
INSUFFICIENT MEMORY FOR GPSTR2 MODULE TO STORE ELEMENT POINTER LIST
User information:
GPSTR2 requires at least enough working space to hold in memory an element pointer list consisting of two computer words for each element of a supported type (CQUAD4, CQUAD8, CTRIA3, or CTRIA6) selected for output.

4638.0 *** SYSTEM FATAL MESSAGE 4638,
LOGIC ERROR SUBROUTINE GPS2GS-SCR1 FILE INCONSISTENT WITH POINTER TABLE. SEARCHING FOR EID %1
FOUND EID %2

4639.0 *** USER WARNING MESSAGE 4639,
GPSTRESS REQUEST IN SUBCASE %1 BUT NO MATCHING SURFACE OR VOLUME ID ON EGPSF

4639.1 *** SYSTEM FATAL MESSAGE 4639, (GPS2GD)
LOGIC ERROR SUBROUTINE GPS2GS-SCR1 FILE ENTRY FOR EID %1
DOES NOT HAVE GRID PT. %2

4640.0 *** USER WARNING MESSAGE 4640,
STRFIELD REQUEST IN SUBCASE %1 BUT NO MATCHING SURFACE OR VOLUME ID ON EGPSF
User information:
STRFIELD must reference set xx, which in turn references SURFACE or VOLUME yy. For example,
SET 21 = 91
GPSTRESS = 21
STRFIELD = 21
...
OUTPUT(POST)
...
SURFACE 91 ---

4642.0 *** USER WARNING MESSAGE 4642 (NLINIT)
NLPARM SET%1 DISPLACEMENT CONVERGENCE OPTION IS INVALID FOR MATRIX UPDATE INTERVAL OF ONE WHEN METHOD IS EITHER ITER OR LSQN. THE WORK(W) CONVERGENCE OPTION HAS BEEN SUBSTITUTED IF NONE SUPPLIED.

4642.1 *** USER WARNING MESSAGE 4642 (NLTINT)
TSTEPNL SET%1 CONVERGENCE OPTION IS INVALID FOR MATRIX UPDATE INTERVAL OF ONE
HWHEN METHOD IS TSTEP. THE LOAD(P) CONVERGENCE OPTION HAS BEEN SUBSTITUTED.

4643.0 *** USER FATAL MESSAGE 4643 (GP1C)
DUPLICATE COORDINATE SYSTEM ID %1 FOUND IN SUPERELEMENT %2
User information:
Message indicates user has defined a coordinate system twice.
Check for duplicate coordinate system IDs on CORD ij entries.

4645.0 ***USER FATAL MESSAGE 4645----
THE SHIFTED STIFFNESS MATRIX IS NOT POSITIVE DEFINITE IN MHOUSEHOLDER METHOD.
User information:
The matrix sum K + LAMBDA * M is decomposed by the Cholesky method at the
start of the MGIV method of eigensolution. This decomposition requires that the matrix be positive-definite. A condition that prevents this is a massless mechanism (for example, a point mass on an offset with no rotational stiffness).

4645.1 ***USER FATAL MESSAGE 4645----

THE SHIFTED STIFFNESS MATRIX IS NOT POSITIVE DEFINITE IN MGIVENS METHOD.

4646.0 ***USER FATAL MESSAGE 4646----
THE MASS MATRIX IS NOT POSITIVE DEFINITE, USING THE HOUSEHOLDER METHOD. USE MGIV INSTEAD.

4646.1 ***USER FATAL MESSAGE 4646----
THE MASS MATRIX IS NOT POSITIVE DEFINITE, USING THE GIVENS METHOD. USE MGIV INSTEAD.
User information:
The reduced mass matrix has columns that are not linearly independent. Common causes are rotation degrees of freedom whose only inertia terms result from point masses on offsets. Use the MGIV or MHOU method instead since it does not require a positive definite mass matrix.

4646.4 *** USER FATAL MESSAGE 4646.
THE MASS MATRIX INPUT TO THE REAL EIGENSOLVER IS INDEFINITE.
USER ACTION: INSPECT THE ELEMENTS CONNECTED TO THIS POINT.
IF ALL ARE VALID, A VALUE OF 1.E-6 OR MORE TIMES THE MASS DIAGONAL TERM PRINTED ABOVE ADDED TO THIS DOF MAY MAKE THE MASS MATRIX ACCEPTABLE, IF THIS IS AN ACCEPTABLE CHANGE TO YOUR MODEL.
YOU MAY ALSO PERTURB THE MASS MATRIX DIAGONALS BY SPECIFYING SYSTEM(304)=0 ON THE NASTRAN CARD.
IF SUCH CHANGES ARE NOT VALID, CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
YOU MAY HAVE DISCOVERED AN ERROR IN THE ELEMENT CODE.

4647.0 *** USER FATAL MESSAGE 4647.
INSUFFICIENT TIME TO COMPLETE %1
CPU ESTIMATE =%2 SEC. CPU REMAINING =%3 SEC.
I/O ESTIMATE =%4 SEC. I/O REMAINING =%5 SEC.
User information:
CPU and I/O limits are supplied on the Executive Control statement TIME (in minutes). The module where the terminated program is listed. If the time to completion appears reasonable, you should increase the estimates on the TIME statement and resubmit the run. For large models, an increase in the system memory request should also be considered.

4648.0 ***USER WARNING MESSAGE 4648----
THE MODAL MASS MATRIX IS NOT POSITIVE DEFINITE.
User information:
The modal mass matrix cannot be decomposed by the Cholesky algorithm after merging elastic and free-body modes. (Cholesky decomposition is used to orthogonalize the eigenvectors with respect to the mass matrix.) Causes include the input of negative masses and the calculation of eigenvectors for eigenvalues approaching machine infinity. Inspect

Inspect the model or ask for fewer eigenvectors using of the F2 option.
When this condition occurs, the eigenvectors are not orthogonalized
r normalized. The second parameter of the READ or REIGL module is given
a negative sign. This parameter is used in the solution sequences to
branch to an error exit after printing the real eigenvalue table.
You may use a DMAP Alter to print these eigenvectors if the cause
of the problem is not apparent in the eigenvalues. The solution can be
forced to completion by changing the sign of this parameter. You
should be aware that a poor quality of solution is provided for this
case. This poor solution may be useful for diagnosing the problem but
should not be used for other purposes.
The error can occur when large offsets (large relative to the element
length) are used for the BEAM element and coupled mass is selected.

4652.0 *** SYSTEM INFORMATION MESSAGE 4652 (NL2INT)
THE ADDITIONAL MEMORY ESTIMATE IS %1 WORDS.
REDUCE P-SET BY APPROXIMATELY %2 DEGREES OF FREEDOM.
System information:
For nonlinear problems (either statics or transient) there was
insufficient open core space to process the problem. This attempts
to estimate the additional memory requirements in machine words and
supply an alternative approach to allow the user to reduce his
problem size. Either supply more machine memory or reduce the problem
size by the indicated amount. This is similar to the UFM 6136.

4653.0 *** SYSTEM FATAL MESSAGE 4653. (TTX6D)
CORE IS INSUFFICIENT BY A BASE10 AMOUNT =%1 WORDS TO
PROCESS ELEMENT WITH ID =%2
System information:
Reduce problem size or increase memory.

4654.0 *** USER FATAL MESSAGE 4654 .
ELEMENT WITH ID =%1
CONNECTS TWO POINTS HAVING THE SAME COORDINATES.
CONNECTION ORDER OF GRID POINTS IN QUESTION =%2 AND %3
User information:
Two grid points which should be unique are defined as coincident.
Check connectivity.

4654.1 *** USER FATAL MESSAGE 4654
ELEMENT WITH ID =%1 CONNECTS TWO GRID POINTS=%2 AND %3
HAVING SAME COORDINATES.

4654.2 *** USER FATAL MESSAGE 4654 (SECNV3)
GRID POINTS %1 AND %2 REFERENCED ON THE FOLLOWING %3
BULK DATA ENTRY %4 ARE COINCIDENT

4654.3 *** USER FATAL MESSAGE 4654 (SECNV3)
THE VECTORS DEFINED BY THE GRID POINT PAIRS %1 / %2 AND
%3 / %4 REFERENCED

ON THE FOLLOWING %5 BULK DATA ENTRY %6 ARE COINCIDENT

4654.4 *** USER WARNING MESSAGE 4654 (EHEXLGC/EPENLGC)
THE THICKNESS OF ELEMENT ID %1 IS NOT CONSISTENT WITH THE SUM OF THE PLY THICKNESSES
DEFINED ON THE PCOMPS CARD. THE PLY THICKNESSES WILL BE SCALED TO FIT THE ELEMENT
THICKNESS.

4654.5 *** USER FATAL MESSAGE 4654 (EPENLGC,STS268)
THE STACKING DIRECTION FOR THE COMPOSITE PENTA ELEMENT ID %1 IS ONLY
SUPPORTED ALONG THE NORMAL DIRECTION OF THE TWO TRIANGULAR FACES.

4654.6 *** USER WARNING MESSAGE 4654 (EHEXLGC/EPENLGC)
THE LONGEST TO SHORTEST EDGE RATIO IN THE STACKING DIRECTION OF COMPOSITE
SOLID ELEMENT %1 IS GREATER THAN %2.

4654.7 *** USER WARNING MESSAGE 4654 (EHEXLGC/EPENLGC)
THE THICKNESS RATIO IN COMPOSITE SOLID ELEMENT %1 IS GREATER THAN %2.

4655.0 *** USER INFORMATION MESSAGE 4655 .
RATIO OF LONGEST EDGE TO SHORTEST EDGE EXCEEDS 100 FOR ELEMENT WITH ID =%1
User information:
Aspect ratio too large. Try to idealize the structure in such a way that all the edges are nearly the same size.

4655.1 *** USER WARNING MESSAGE 4655
IN CRAC2D ELEMENT%1 ,THE ASPECT RATIO EXCEEDS 2 TO 1 CAUSES RESULTS IN WRONG ANSWERS

4655.2 *** USER WARNING MESSAGE 4655
IN CRAC3D ELEMENT%1 ,THE ASPECT RATIO EXCEEDS 2 TO 1 CAUSES RESULTS IN WRONG ANSWERS

4655.3 *** USER INFORMATION MESSAGE 4655
THE RATIO OF LONGEST EDGE TO SHORTEST EDGE EXCEEDS %1 FOR %2 ELEMENT ID =%3
User information:
Aspect ratio too large. Try to idealize the element in such a way that all the edges are nearly the same length.

4656.0 *** USER INFORMATION MESSAGE 4656
ELEMENT WITH ID =%1 HAS A SIDE WHICH IS CONSIDERABLY OUT OF PLANE.
User information:
One of grid points for the element may be defined wrong.
Check connectivity.

4657.0 *** USER INFORMATION MESSAGE 4657 .
CONNECTION ORDER GRID NUMBER %1
DOES NOT LIE APPROXIMATELY BETWEEN CONNECTION ORDER GRID NUMBERS %2 AND %3
FOR ELEMENT ID = %4
User information:
Midside node for the element node may be defined wrong. Check connectivity of all nodes for the element.

4658.0 *** USER FATAL MESSAGE 4658 .
DIFFICULT GEOMETRY PREVENTS FURTHER COMPUTATIONS FOR ELEMENT WITH ID =%1
User information:
Difficult geometry for solid elements occurs when faces have zero areas, or when Jacobians at integration points do not all have the same sign, which signifies that the edges are crossed. In geometric nonlinear analysis, tests are made for initial and deformed geometry. Elements should be modeled such that their faces are as nearly equilateral as possible and midside nodes should be positioned close to the center of their edges.

4658.5 *** USER FATAL MESSAGE 4658 .
DIFFICULT GEOMETRY PREVENTS FURTHER COMPUTATIONS FOR QHBDY WITH GRID POINTS
%1

4659.0 *** USER FATAL MESSAGE 4659.
DURING INTEGRATION FOR ELEMENT WITH ID =%1 BAD GEOMETRY HAS BEEN DETECTED.
User information:
The element may be folding on itself. Check the grid points which connect all the edges of the element.

4659.6 *** USER WARNING MESSAGE 4659 (PSNORD)
DURING COMPUTING NORMALS AT EDGE FOR ELEMENT WITH ID =%1
BAD GEOMETRY HAS BEEN DETECTED.

4659.7 *** USER WARNING MESSAGE 4659 (PSNORD)
DURING COMPUTING NORMALS AT VERTEX FOR ELEMENT WITH ID =%1
BAD GEOMETRY HAS BEEN DETECTED.

4659.10 *** USER FATAL MESSAGE 4659 (ETETD)
DURING INTEGRATION FOR ELEMENT WITH ID =%1 BAD GEOMETRY HAS BEEN DETECTED.
USER ACTION: IF YOU WISH TO CONTINUE, THEN SET SYSTEM(213)=1, HOWEVER, THE RESULTS MAY BE POOR.

4659.20 BAD GEOMETRY IGNORED FOR ELEMENT WITH ID =%1 BASED ON SYSTEM(213)=3.

HOWEVER, RESULTS MAY BE POOR.
USER ACTION: REMOVE SMALL GEOMETRIC FEATURES AND/OR REDUCE ELEMENT SIZE
IN THE IMMEDIATE NEIGHBORHOOD OF THIS ELEMENT BEFORE REMESHING.
SEE BELOW FOR ELEMENT CORNER GRID LOCATIONS.
ELEMENT CORNER GRID INFORMATION (X,Y,Z):
GRID 1: %2
GRID 2: %3
GRID 3: %4
GRID 4: %5

4659.21 BAD GEOMETRY IGNORED FOR ELEMENT WITH ID =%1 BASED ON SYSTEM(213)=3.
HOWEVER, RESULTS MAY BE POOR.
USER ACTION: REMOVE SMALL GEOMETRIC FEATURES AND/OR REDUCE ELEMENT SIZE
IN THE IMMEDIATE NEIGHBORHOOD OF THIS ELEMENT BEFORE REMESHING.
SEE BELOW FOR ELEMENT CORNER GRID LOCATIONS.
ELEMENT CORNER GRID INFORMATION (X,Y,Z):
GRID 1: %2
GRID 2: %3
GRID 3: %4
GRID 4: %5
GRID 5: %6
GRID 6: %7

4659.22 BAD GEOMETRY IGNORED FOR ELEMENT WITH ID =%1 BASED ON SYSTEM(213)=3.
HOWEVER, RESULTS MAY BE POOR.
USER ACTION: REMOVE SMALL GEOMETRIC FEATURES AND/OR REDUCE ELEMENT SIZE
IN THE IMMEDIATE NEIGHBORHOOD OF THIS ELEMENT BEFORE REMESHING.
SEE BELOW FOR ELEMENT CORNER GRID LOCATIONS.
ELEMENT CORNER GRID INFORMATION (X,Y,Z):
GRID 1: %2
GRID 2: %3
GRID 3: %4
GRID 4: %5
GRID 5: %6
GRID 6: %7
GRID 7: %8
GRID 8: %9

4659.23 *** USER WARNING MESSAGE 4659 (EMBPMD)
BAD GEOMETRY IGNORED FOR ELEMENT WITH ID =%1

BASED ON SYSTEM(213)=1, HOWEVER RESULTS MAY BE POOR

4660.0 *** USER FATAL MESSAGE 4660 .
FOR ELEMENT WITH ID =%1
THE CORNER POINTS HAVE NOT BEEN SUPPLIED CORRECTLY.

4660.1 *** USER FATAL MESSAGE 4660 (CTRIAXI3) .
FOR ELEMENT WITH ID =%1
ALL THE GRID POINTS HAVE NOT BEEN SUPPLIED CORRECTLY.
User information:
See Bulk Data entry description for CTRIAXI3 in Section 5 of
the NX NASTRAN Quick Reference Guide.

4660.2 *** USER FATAL MESSAGE 4660 (CQUADAX4) .
FOR ELEMENT WITH ID =%1
ALL THE GRID POINTS HAVE NOT BEEN SUPPLIED CORRECTLY.
User information:
See Bulk Data entry description for CQUADAX4 in Section 5 of
the NX NASTRAN Quick Reference Guide.

4660.3 *** USER FATAL MESSAGE 4660 (CTRIAX6/CTRAX3/CTRAX6) .
FOR ELEMENT WITH ID =%1
ALL THE GRID POINTS HAVE NOT BEEN SUPPLIED CORRECTLY.
User information:
See Bulk Data entry description for CTRAX3/CTRAX6/CTRIAX6 in
Section 5 of the NX NASTRAN Quick Reference Guide.

4660.4 *** USER FATAL MESSAGE 4660 (CQUADX4/CQUADX8/CCHOCK*) .
FOR ELEMENT WITH ID =%1
ALL THE GRID POINTS HAVE NOT BEEN SUPPLIED CORRECTLY.
User information:
See Bulk Data entry description for CQUADX4/CQUADX8/CCHOCK* in
Section 5 of the NX NASTRAN Quick Reference Guide.

4660.5 *** USER FATAL MESSAGE 4660 .
FOR ELEMENT WITH ID =%1
THE GEOMETRY HAS NOT BEEN DEFINED PROPERLY .

4660.6 *** USER FATAL MESSAGE 4660 .
FOR ELEMENT WITH ID =%1
THE GEOMETRY HAS NOT BEEN DEFINED PROPERLY. THE X
(RADIAL)
COORDINATE MUST BE GREATER OR EQUAL TO ZERO.

4660.7 *** USER FATAL MESSAGE 4660
(CPLSTS3/CPLSTS4/CPLSTS6/CPLSTS8) .
FOR ELEMENT WITH ID =%1
ALL THE GRID POINTS HAVE NOT BEEN SUPPLIED CORRECTLY.

4660.8 *** USER FATAL MESSAGE 4660 .
FOR ELEMENT WITH ID =%1
THE GEOMETRY HAS NOT BEEN DEFINED PROPERLY. THE INITIAL

GAP
OPENING IN THE SYMMETRY AXIS MUST BE EQUAL TO ZERO.

4660.11 *** USER FATAL MESSAGE 4660 (EGRACT)
FOR ELEMENT WITH ID =%1 ALL THE CORNER POINTS HAVE NOT BEEN SUPPLIED.
USER ACTION: SPECIFY ALL REQUIRED CORNER POINTS.
User information:
Elements like CHEXA and CPENTA require, at a minimum, 8 or 6 corner points, respectively. Minimum number of corner points are mandatory for certain elements. Check connectivity.

4660.12 *** USER FATAL MESSAGE 4660 (MTX324Z/MTX325Z/MTX326Z/MTX327Z)
THE PGPLSN ENTRY REFERENCES THE CONTROL GRID POINT %1 WHICH CANNOT BE
CONNETECTED TO THE GENERALIZED PLANE STRAIN ELEMENT %2

4661.0 *** USER FATAL MESSAGE 4661 .
ELEMENT %1
HAS SINGULAR STRAIN FUNCTIONS . CHECK MATERIAL PROPERTIES.
User information:
Because of 0 in a diagonal element of strain function stiffness matrix, inversion is not possible. Check to make sure tangent matrix is nonsingular.

4662.0 *** USER WARNING MESSAGE 4662 .
SOME VARIABLES ARE RESET TO AVOID OVERFLOW OR UNDERFLOW CONDITIONS IN ELEMENT ID = %1
User information:
Creep laws are unit dependent. Creep parameters could get into overflow condition if inconsistent units are used (e.g., lb and ksi). The program resets the value to 1.0E38 and continues. Check structural units (length, force, stress, time, etc.). Reduce the time step (t).

4664.0 *** USER WARNING MESSAGE 4664 .
UNREALISTIC VALUE OF STRESSES FOR PLASTIC DEFORMATION IN ELEMENT-ID =%1
User information:
This message is issued if the second invariant of the deviatoric stress is nearly zero during plastic deformation. This condition should not occur under the normal deformation process. It may be a program error if it happens. Use smaller steps. If this does not work, contact SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

4665.0 *** USER WARNING MESSAGE 4665 .
THE NUMBER OF
LAYERS MUST BE GREATER THAN 0 AND LESS THAN 13 . FOR THIS PROBLEM , NLAYER = %1

User information:
NLAYER must be greater than zero and less than thirteen. NLAYER is the number of layers for integration through the thickness. For bending, it is advisable to have NLAYER greater than 1.

4666.0 PROBABLE ERROR . NEED MORE LAYERS THAN ONE IF BENDING .
User information:
If bending is present, then wrong results are likely if only one layer is specified for integration through the thickness. Either use the default (5) or specify NLAYERS greater than 1.

4667.0 INCREMENTAL
TIME INTERVAL FOR CREEP ANALYSIS IS EXCESSIVE IN ELEMENT ID=%1
User information:
This message is issued if the incremental creep strain (primary and/or total creep) is greater than 10**-3 or if the incremental stress and/or strain is too large compared to the total stress/strain. This message is issued only when the solution is converging. Reduce the creep time interval.
This message may also be issued when the initial static subcase is missing. Include a static subcase before the creep subcases.

4669.0 *** USER FATAL MESSAGE 4669 .
NO LOAD DATA EXISTS FOR VECTOR =%1
User information:
Check the CLOAD entry.

4670.0 *** USER FATAL MESSAGE 4670 .
SELECTED CLOAD BULK DATA CARD DOES NOT EXIST FOR SID = %1

4671.0 *** USER FATAL MESSAGE 4671 .
LOAD COMBINATION REQUESTED BUT LSEQ CARDS DO NOT EXIST FOR SID = %1
User information:
Check the LSEQ entries.

4672.0 *** USER FATAL MESSAGE 4672 (TA1NLE).
PIN FLAG(S) IS(ARE) SPECIFIED FOR ONE OR MORE NONLINEAR CBEAM ELEMENT ENTRIES.
USER INFORMATION : IN NONLINEAR ANALYSIS, THE USE OF PIN FLAGS ON NONLINEAR BEAM ELEMENTS IS NOT SUPPORTED.
User information:
Either remove the pin flags for nonlinear elements or make the problem linear.

4672.1 *** USER WARNING MESSAGE 4672 (TA1A)
PIN FLAG(S) IS(ARE) SPECIFIED FOR ONE OR MORE CBEAM P-ELEMENT ENTRIES.
USER INFORMATION: IN P-ELEMENT ANALYSIS, THE USE OF PIN

FLAGS ON BEAM P-ELEMENTS IS NOT SUPPORTED.

4672.2 *** USER WARNING MESSAGE 4672 (TA1A)
THE ENTRY -ALL- HAS BEEN SPECIFIED ON A MATCID CARD. NO NEED FOR OTHER MATCID CARDS.
THE CIDS ON ALL OTHER MATCID CARDS WILL BE IGNORED.

4673.0 *** USER WARNING MESSAGE 4673 .
AT LEAST ONE SOLID ELEMENT IGNORES NONLINEAR MATERIAL DATA BECAUSE
SELECTED OPTION IS NOT AVAILABLE.
User information:
For nonlinear analysis, solid elements with nonlinear material properties may not have midside nodes and their integration network may not be 3 or THREE. See the PSOLID entry description in Section 5 of the NX NASTRAN Quick Reference Guide. Otherwise only a linear solution
is possible.

4674.0 *** USER FATAL MESSAGE 4674 .
E IS TOO LARGE FOR ELEMENT =%1

4675.0 *** USER WARNING MESSAGE 4675 .
EXCESSIVE INCREMENTAL LOAD IS APPLIED IN ELEMENT ID = %1
REDUCE THE LOAD INCREMENT BY A FACTOR OF %2 FOR BETTER SOLUTION .
User information:
This message is issued if the number of subincrements (m) in the plasticity routine is required to be greater than 25. The number of subincrements is determined by
m = lnt (F / FSTRESS * Y + 1)
Where F is the value of yield function, Y is the yield stress, FSTRESS is the user input, on NLPARM entry. The program continues execution with the number of subincrements(m) reset to 10. Use smaller load increments.

4676.0 *** USER FATAL MESSAGE 4676 .
ERROR EXCEEDS %1
PERCENT OF YIELD STRESS IN ELEMENT ID=%2
User information:
The error in the yield function will be corrected if it is within (FSTRESS*100) %. This message will be issued if the error is greater than this. Take smaller load increments or specify a larger error tolerance in the FSTRESS field on the NLPARM entry. All output requests are honored for subcases processed prior to this message; then execution is terminated.

4678.0 TABLE LOOK-UP
RESULTS IN NEGATIVE VALUE OF CREEP MODEL PARAMETER IN ELEMENT ID = %1

4678.1 *** USER WARNING MESSAGE 4678 (HMAT1)

TABLE LOOK-UP ON TABLE ID %1 FOR MATERIAL ID %2 RESULTS IN A
NEGATIVE VALUE OF A MATERIAL PROPERTY FOR ELEMENT ID =%3 .
THIS MATERIAL PROPERTY WILL BE SET TO 0.0 .
USER ACTION: MAKE SURE THE TABLE CANNOT RETURN NEGATIVE VALUES BY INTERPOLATION
OR BY EXTRAPOLATION.
User information:
Creep parameters must be positive for table supplied data. The program sets the value to zero and continues. Check the table values of creep parameters.

4679.0 ZERO DERIVATIVE ENCOUNTERED IN CREEP LAW TYPE 300 FOR ELEMENT ID = %1
User information:
Unsolvable nonlinear equation in creep law type 300. The program sets the value to 10-6 and continues. Check the creep data.
Reduce t for creep.

4680.0 *** USER WARNING MESSAGE 4680
SEMAP DATA BLOCK DOES NOT EXIST.

4680.1 *** USER WARNING MESSAGE 4680
INPUT FILES TO TABPT ARE PURGED.
User information:
"PURGED" means "does not exist".

4680.2 *** USER WARNING MESSAGE 4680
LISTFL DATA BLOCK DOES NOT EXIST.

4681.0 *** USER FATAL MESSAGE 4681
INSUFFICIENT MEMORY FOR GPSTR2 MODULE TO SORT OGS1 DATA ON EXT GRID ID.
User information:
In order to sort OGS1 data on external grid ID, GPSTR2 must store a table of size 2 x (no. of grids in surface) in open core. The above message is issued if amount of open core will not accommodate this table. Increase memory request for the job.

4682.0 *** USER FATAL MESSAGE 4682,
HARMONICS SET SPECIFIED FOR ANALYSIS INCONSISTENT WITH SPECIFIED SYMMETRY OPTION.
User information:
All of the harmonics specified by the user with the HARMONICS command are excluded from the analysis by the symmetry option specified on the DSYM command. Note that the AA and SS options omit all odd harmonics. The AS and SA options omit all even harmonics.

4683.0 *** USER FATAL MESSAGE 4683
%1 MATRIX NEEDED FOR EIGENVALUE ANALYSIS

User information:
The eigensolution module was given a purged (that is, nonexistent) mass or stiffness matrix. Common causes include the deletion of mass density input on MATi entries, user restart errors in the superelement solution sequences, or when the auto-selection feature of generalized dynamic reduction (GDR) determines that there are no natural frequencies below FMAX. It therefore sets the number of generalized coordinates to zero. This condition can be detected from UIM 4181. An avoidance is to increase FMAX on the DYNRED Bulk Data entry. Provide mass matrix matrix generating data by any of several means including a mass density entry on material entries, concentrated masses, and g-type DMIG entries. Possibly no mass matrix is defined. Check for the following:
RHO entry on MATi
NSM entry on element properties (i.e., PSHELL, PBAR)
CONMi or CMASSi
The program requires at least one of the above to compute the mass matrix. Incorrect cross-sectional properties may also lead to this error but typically show up as another error.

4683.1 *** USER FATAL MESSAGE 4683,
DIFF. STIFFNESS MATRIX NEEDED FOR EIGENVALUE ANALYSIS
User information:
The eigensolution module was given a purged (that is, nonexistent) mass or stiffness matrix. Common causes include the deletion of mass density input on MATi entries, user restart errors in the superelement solution sequences, or when the auto-selection feature of generalized dynamic reduction (GDR) determines that there are no natural frequencies below FMAX. It therefore sets the number of generalized coordinates to zero. This condition can be detected from UIM 4181. An avoidance is to increase FMAX on the DYNRED Bulk Data entry. Provide mass matrix generating data by any of several means including a mass density entry on material entries, concentrated masses, and g-type DMIG entries. Possibly no mass matrix is defined. Check for the following:
RHO entry on MATi
NSM entry on element properties (i.e., PSHELL, PBAR)
CONMi or CMASSi
The program requires at least one of the above to compute the mass matrix. Incorrect cross-sectional properties may also lead to this error but typically show up as another error.

4690.1 *** USER FATAL MESSAGE 4690
THE MATRIX/TABLE %1 IS REQUIRED IN A CONTACT/GLUE ANALYSIS

4690.2 *** SYSTEM FATAL MESSAGE 4690
DATABASE ERROR WHILE READING DATA BLOCK %1

4690.3 *** USER FATAL MESSAGE 4690
INSUFFICENT MEMORY ALLOCATED FOR THE CONTACT/GLUE

ANALYSIS
USER ACTION: INCREASE MEMORY REQUEST AND RERUN.

4690.4 *** USER FATAL MESSAGE 4690
NO CONTACT/GLUE PAIRS DEFINED FOR CONTACT/GLUE SET %1
CONTACT SET MAY NOT EXIST

4690.5 *** SYSTEM FATAL MESSAGE 4690
ERROR COMPUTING CONTACT FACE TERRITORY BOUNDING BOX

4690.6 *** USER FATAL MESSAGE 4690
ELEMENT %1 SPECIFIED IN CONTACT REGION %2 DOESN'T EXIST OR IS INVALID.
CONTACT SURFACE ELEMENTS MUST BE SHELL OR SOLID ELEMENTS

4690.7 *** USER FATAL MESSAGE 4690
CANNOT FIND A CONTACT FACE FOR ELEMENT %1 WITH THE BSURF(S) GRID POINTS

4690.8 *** USER FATAL MESSAGE 4690
NO SHELL ELEMENTS FOUND FOR BCPROP REGION %1

4690.9 *** SYSTEM FATAL MESSAGE 4690
ERROR ENCOUNTERED IN RETRIEVING CONTACT ELEMENT DATA

4690.10 *** USER WARNING MESSAGE 4690
ALL CONTACT ELEMENTS HAVE BECOME INACTIVE. THE STIFFNESS MATRIX MAY
BECOME SINGULAR WHICH WILL RESULT IN ERRORS FURTHER IN THE ANALYSIS

4690.11 *** USER FATAL MESSAGE 4690
GAP ORIENTATION UNDEFINED FOR GAP %1

4690.12 *** USER FATAL MESSAGE 4690
LINEAR CONTACT/GLUE ANALYSIS NOT POSSIBLE WITH P ELEMENTS

4690.13 *** USER FATAL MESSAGE 4690
NO SURFACES DEFINED FOR CONTACT/GLUE REGION %1

4690.14 *** USER FATAL MESSAGE 4690
CONTACT/GLUE REGION %1 IS UNDEFINED

4690.15 *** USER FATAL MESSAGE 4690
ERROR RETRIEVING INTEGRATION POINT DATA

4690.16 *** USER FATAL MESSAGE 4690
error computing face rotation matrix

4690.17 *** SYSTEM FATAL MESSAGE 4690
error computing hitting point x,y,z

4690.18 *** SYSTEM FATAL MESSAGE 4690

error computing jacobian determinant at hitting point

4690.19 *** SYSTEM FATAL MESSAGE 4690
error creating contact element

4690.20 *** SYSTEM WARNING MESSAGE 4690
The gap between glue faces of some elements in gap pair %1 between regions %2 and %3 seems overly large. The largest values are listed in the table below:

4690.21 *** USER INFORMATION MESSAGE 4690
Refinement with glue using shell elements not permitted. Refinement turned off.

4690.22 *** USER INFORMATION MESSAGE 4690
No contact elements formed for contact region %1. Check contact definition. You
may need to increase the search distance.

4690.23 *** USER INFORMATION MESSAGE 4690
Contact pair %1 Region %2 with %3 faces has %4 refined faces
%5 refined faces were reset to unrefined

4690.24 *** SYSTEM FATAL MESSAGE 4690
Shell element %1 is defined twice in the same region in BSURF data

4690.25 *** SYSTEM WARNING MESSAGE 4690
Solid element %1 with face containing grids %2 %3 %4 is defined twice in the same region in BSURFS data

4690.26 *** SYSTEM WARNING MESSAGE 4690
Solid element %1 with face containing grids %2 %3 %4 %5 is defined twice in the same region in BSURFS data

4690.27 *** SYSTEM INFORMATION MESSAGE 4690
%1 duplicate contact faces removed from the face list

4690.28 *** USER INFORMATION MESSAGE 4690
Refinement with missing mid-node element faces is not permitted. Refinement turned off.

4690.29 *** USER INFORMATION MESSAGE 4690
Using CSTRAT=1 in the BCTPARM card may avoid all elements from becoming inactive.

4690.30 *** USER WARNING MESSAGE 4690
USER SPECIFIED A VALUE FOR NCHG EXCEEDS 0.1. THIS HIGH VALUE OF NCHG (> 10%)
COULD AFFECT THE CONVERGENCE AND IN TURN THE ACCURACY OF THE CONTACT SOLUTION.

4690.31 *** USER WARNING MESSAGE 4690
USER HAS SPECIFIED PENTYP=2 BUT THE VALUES OF PENN AND/OR PENT APPEAR TO BE LOW
FOR CONTACT SET %1. THIS MAY LEAD TO SINGULARITIES IN

THE SOLUTION OR PROBLEMS
WITH CONVERGENCE.

4690.32 *** USER WARNING MESSAGE 4690
USER HAS SPECIFIED PENTYP=2 BUT THE VALUE OF PENN
APPEARS TO BE LOW FOR CONTACT SET %1.
THIS MAY LEAD TO SINGULARITIES IN THE SOLUTION OR
PROBLEMS WITH CONVERGENCE.

4690.33 *** USER WARNING MESSAGE 4690
USER HAS SPECIFIED PENTYP=2 BUT THE VALUE OF PENN
AND/OR PENT APPEARS TO BE LOW FOR GLUE SET %1.
THIS MAY LEAD TO SINGULARITIES IN THE SOLUTION.

4690.34 *** USER INFORMATION MESSAGE 4690
USER HAS SELECTED AUTO PENALTY OPTION. NORMAL AND
TANGENTIAL PENALTY FACTOR VALUES USED ARE:
PENN = %1
PENT = %2

4690.35 *** USER FATAL MESSAGE 4690
RUN TERMINATED BECAUSE NUMBER OF OUTER LOOP
ITERATIONS EXCEEDED.
CONTACT SOLUTION DID NOT CONVERGE.
CONSIDER MODIFYING THE BCTPARM PARAMETERS FOR A
POSSIBLE CONVERGED SOLUTION.

4690.36 *** USER FATAL MESSAGE 4690
USER HAS SPECIFIED A PENGLUE VALUE LESS THAN ZERO FOR
GLUE SET %1.
THIS MAY LEAD TO SINGULARITIES IN THE SOLUTION.

4690.37 *** USER FATAL MESSAGE 4690
LINEAR CONTACT DOES NOT SUPPORT INERTIA RELIEF.

4690.38 *** USER FATAL MESSAGE 4690
CONTACT SET ID %1 IS REFERENCED BY BOTH BCTSET AND
BCTADD CARDS.
CONTACT SET ID NEEDS TO BE UNIQUE BETWEEN THE TWO
CARDS.

4690.39 *** USER FATAL MESSAGE 4690
GLUE SET ID %1 IS REFERENCED BY BOTH BGSET AND BGADD
CARDS.
GLUE SET ID NEEDS TO BE UNIQUE BETWEEN THE TWO CARDS.

4690.40 *** SYSTEM WARNING MESSAGE 4690
Could not compute penalty factor. Penauto option if selected will be ignored.
PENN = 10.0 and PENT = 1.0 will be used.

4690.41 *** SYSTEM WARNING MESSAGE 4690
COULD NOT RETRIEVE THE MATERIAL ID FOR AN ELEMENT.
AVERAGE MODULUS VALUE WILL BE USED FOR CONTACT PAIR

%1.

4690.42 *** SYSTEM WARNING MESSAGE 4690
COULD NOT FIND THE ELASTICITY MODULUS FOR AN ELEMENT.AVERAGE MODULUS VALUE WILL BE USED FOR CONTACT PAIR %1

4690.43 *** USER FATAL MESSAGE 4690
ERROR ENCOUNTERED WHILE PROCESSING PAIR DATA FOR CONTACT/GLUE SET %1.

4690.44 *** USER FATAL MESSAGE 4690
ERROR ENCOUNTERED WHILE PROCESSING PARAMETER DATA FOR CONTACT/GLUE SET %1.

4690.45 *** SYSTEM WARNING MESSAGE 4690
ERROR ENCOUNTERED WHILE CALCULATING DEPTH. PENAUTO WILL BE RESET TO 0 FOR CONTACT PAIR %1.

4690.46 *** USER FATAL MESSAGE 4690
NOT ALL ELEMENTS DEFINED BY GLUE REGION %1 ARE ACOUSTIC ELEMENTS
PLEASE CHECK INPUT DATA

4690.47 *** USER FATAL MESSAGE 4690
THE GLUE SET %1 CONTAINS ACOUSTIC AND NON-ACOUSTIC ELEMENTS
FOR ACOUSTIC GLUE SET, THE SOURCE AND TARGET REGIONS SHOULD
BOTH POINT TO ACOUSTIC ELEMENTS

4690.48 *** SYSTEM WARNING MESSAGE 4690
COULD NOT COMPUTE THE ELASTICITY MODULUS. AVERAGE MODULUS WILL BE USED FOR EACH CONTACT PAIR.

4690.49 *** USER FATAL MESSAGE 4690
THE PARAMETER %1 POINTS TO TWO OR MORE BCTPARM PARAMETERS. USE THE FULL
PARAMETER NAME INSTEAD TO AVOID ANY ERRORS.

4690.50 *** USER WARNING MESSAGE 4690
ONE OR MORE HITTING AND TARGET ELEMENT FACES INCLUDED IN GLUE/CONTACT DEFINITION SHARE COMMON NODES. GLUE/CONTACT STIFFNESS COMPUTED MAY BE DIFFERENT THAN WHEN THE HITTING AND TARGET FACES DO NOT SHARE ANY COMMON NODES.

4690.51 *** USER WARNING MESSAGE 4690
THE GLOBAL PARAMETER %1 HAS BEEN DEFINED IN A LOCAL %2 CARD WITH A
CSID VALUE OF %3. THIS PARAMETER DEFINITION WILL BE IGNORED FOR THIS LOCAL CARD.

4690.52 *** SYSTEM WARNING MESSAGE 4690

FOR GLUE ELEMENT ID=%1, THE PROJECTION OF GLUE POINT ONTO THE SURFACE CANNOT BE FOUND OR
LIES OUTSIDE THE SURFACE. GLUE STIFFNESS WILL NOT BE FORMED FOR THIS GLUE ELEMENT.

4690.53 *** SYSTEM FATAL MESSAGE 4690
ERROR OCCURRED WHILE COMPUTING FREE FACES FOR SOLID ELEMENTS FOR REGION %1.
User information:
This error might be caused by memory allocation failure.
This routine allocates temporary memory over and on top of
open core. Reducing open core memory request might help.
Contact SIEMENS PLM for support.

4690.54 *** USER WARNING MESSAGE 4690
User has specified PENTYPE=2 but has not entered any values for PENN or PENT. PENAUTO will be used with PENTYP=1 for contact set %1.

4690.55 *** USER FATAL MESSAGE 4690
CONTACT/GLUE SET %1 DEFINED ON BCTADD/BGADD CARD %2 DOES NOT HAVE A
CORRESPONDING BCTSET/BGSET DEFINITION

4690.56 *** SYSTEM FATAL MESSAGE 4690
ERROR ENCOUNTERED WITH SPOINTS AND ITERATIVE SOLVER.
USER ACTION: EITHER USE SPARSE SOLVER OR RENUMBER THE SPOINT ID TO A
VALUE GREATER THAN THE MAXIMUM GRID ID.

4690.57 *** USER INFORMATION MESSAGE 4690
REFINE = 1 is not permitted. Refinement is set to 2.

4690.58 *** USER FATAL MESSAGE 4690
NO SOLID ELEMENTS FOUND FOR BCPROPS REGION %1

4690.59 *** USER WARNING MESSAGE 4690
NO SOLID ELEMENTS WITH PID %1 FOUND FOR BCPROPS REGION %2

4690.60 *** USER WARNING MESSAGE 4690
NO SHELL ELEMENTS WITH PID %1 FOUND FOR BCPROP REGION %2

4690.61 *** USER FATAL MESSAGE 4690
REGION ID %1 IS REFERENCED BY A BSURF/BSURFS CARD AND A BLSEG CARD.
REGION ID HAS TO BE UNIQUE WITH RESPECT TO ALL OTHER BSURF, BSURFS,
BCPROP, BCPROPS AND BLSEG ENTRIES.

4690.62 *** USER FATAL MESSAGE 4690
ERROR ENCOUNTERED WHILE PROCESSING A BSURF/BSURFS

CARD.

4690.63 *** USER FATAL MESSAGE 4690
NODES %1 AND %2 DEFINING AN EDGE SEGMENT ON THE BLSEG CARD DO NOT
BELONG TO THE SAME ELEMENT.

4690.64 *** SYSTEM FATAL MESSAGE 4690
SHELL NORMAL COULD NOT BE COMPUTED FOR GRID POINT %1 DEFINED ON THE
BLSEG CARD.

4690.65 *** USER FATAL MESSAGE 4690
NO SURFACES OR EDGES DEFINED FOR CONTACT/GLUE REGION %1

4690.66 *** SYSTEM FATAL MESSAGE 4690
SHELL THICKNESS COULD NOT BE COMPUTED FOR GRID POINT %1 DEFINED ON THE
BLSEG CARD. CHECK TO SEE IF THIS GRID BELONGS TO AN ELEMENT THAT IS
PART OF CURRENT SUPERELEMENT.

4690.67 *** USER WARNING MESSAGE 4690
ONE OR MORE EDGE SEGMENTS INCLUDED IN GLUE DEFINITION HAVE SHELL OFFSETS
DEFINED. SHELL OFFSETS WILL BE IGNORED IN AN EDGE-SURFACE CONNECTION.

4690.68 *** USER WARNING MESSAGE 4690
GLUE PAIR ID HAS AN EDGE-SURFACE GLUE CONNECTION IN A HEAT TRANSFER
ANALYSIS. GLUE STIFFNESS WILL NOT BE GENERATED FOR THIS PAIR.

4690.69 *** USER FATAL MESSAGE 4690
REGION ID %1 IS REFERENCED BY A BCPROP AND BCPROPS CARD.
REGION ID HAS TO BE UNIQUE WITH RESPECT TO ALL OTHER BSURF, BSURFS,
BCPROP, BCPROPS AND BLSEG ENTRIES.

4690.70 *** USER FATAL MESSAGE 4690
REGION ID %1 IS REFERENCED BY A BLSEG CARD AND BCPROP/BCPROPS CARD.
REGION ID HAS TO BE UNIQUE WITH RESPECT TO ALL OTHER BSURF, BSURFS,
BCPROP, BCPROPS AND BLSEG ENTRIES.

4690.71 *** USER FATAL MESSAGE 4690
ERROR ENCOUNTERED WHILE PROCESSING A BLSEG CARD.

4690.72 *** USER FATAL MESSAGE 4690

ERROR ENCOUNTERED WHILE PROCESSING A BCPROPS/BCPROP CARD.

4690.73 *** USER WARNING MESSAGE 4690
MISSING OR ZERO SEARCH DISTANCE VALUE ENTERED FOR GLUE PAIR %1.
DEFAULT SEARCH DISTANCE VALUE OF 10.0 COULD BE TOO LARGE.
IT IS POSSIBLE UNINTENDED SURFACES COULD GET GLUED TOGETHER.
CHECK THE GAP SUMMARY TABLE IF PRINTED FOR LARGE GAPS BETWEEN
HITTING AND TARGET FACES THAT ARE GLUED TOGETHER.

4690.74 *** USER FATAL MESSAGE 4690
NON-UNIQUE REGION ID FOUND. REGIONS IDS IN CONTACT AND GLUE SHOULD
BE UNIQUE BETWEEN BSURF, BSURFS, BCPROP, BCPROPS AND BLSEG ENTRIES.

4690.75 *** USER FATAL MESSAGE 4690
GRID POINT %1 USED IN EDGE-SURFACE GLUE DEFINITION IS NOT A PART OF
A SHELL GRID.

4690.76 *** USER WARNING MESSAGE 4690
ONE OR MORE FACES INCLUDED IN GLUE DEFINITION HAS SHELL OFFSETS SPECIFIED.
SHELL OFFSETS WILL BE IGNORED IN A GLUE CONNECTION.

4690.77 *** USER WARNING MESSAGE 4690
WHEN REQUESTING ASET REDUCTION IN LINEAR CONTACT, THE SAME CONTACT SET MUST BE SPECIFIED
IN EACH SUBCASE. THE SPC, MPC AND BGSET SETS MUST ALSO BE THE SAME IN ALL SUBCASES. PRELOADED
BOLTS ARE NOT PERMITTED. THE SOLUTION WILL CONTINUE WITHOUT ASET REDUCTION.

4690.78 *** USER FATAL MESSAGE 4690
CONTACT/GLUE ENCOUNTERED INTERNAL ERROR %1.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

4690.79 *** SYSTEM FATAL MESSAGE 4690
ERROR CALCULATING GRID NORMALS FOR A FACE or EDGE SEGMENT.

4690.80 *** USER FATAL MESSAGE 4690
INVALID EDGE DEFINITION REGION SPECIFIED FOR REGION ID %1.

4690.81 *** USER WARNING MESSAGE 4690

NO EDGE SEGMENTS FOUND FOR REGION ID %1.

4690.82 *** USER WARNING MESSAGE 4690
ASET REDUCTION IN LINEAR CONTACT IS ONLY AVAILABLE IN SOLUTION 101.
SOLUTION WILL CONTINUE WITHOUT ASET REDUCTION.

4690.83 *** USER WARNING MESSAGE 4690
ASET REDUCTION IN LINEAR CONTACT USING THE PARAMETER CNTASET IS NOT AVAILABLE IF THE USER
HAS SPECIFIED ASET/ASET1 ENTRIES. SOLUTION WILL CONTINUE WITHOUT CONTACT ASET REDUCTION.

4690.84 *** USER INFORMATIONAL MESSAGE 4690
AUTO INERTIA RELIEF(INREL=-2) MAY RESULT IN ALL CONTACT ELEMENTS BECOMING INACTIVE
SINCE THE INITIAL GEOMETRY OF THE SOURCE AND TARGET ENDS OF THE ACTIVE CONTACT ELEMENTS
ARE NOT IN CLOSE PROXIMITY TO EACH OTHER. THE DISTANCE BETWEEN THE SOURCE AND TARGET LOCATIONS
OF THE ACTIVE CONTACT ELEMENTS EXCEEDS THAT ALLOWED BY SMALL DISPLACEMENT THEORY. CONSIDER
ADJUSTING THE GRID LOCATIONS OF THE MODEL IN THE AREA WHERE ACTIVE CONTACT IS OCCURRING.

4690.85 *** USER FATAL MESSAGE 4690
INVALID EDGE DEFINITION REGION SPECIFIED FOR ELEMENT ID %1 IN REGION ID %2.

4690.86 *** USER WARNING MESSAGE 4690
Element %1 is defined more than once in the same region in BEDGE data

4690.87 *** USER INFORMATION MESSAGE 4690
%1 duplicate edges removed from the edge list

4690.88 *** USER WARNING MESSAGE 4690
EDGE-EDGE GLUE CONNECTION IS NOT SUPPORTED IN A HEAT TRANSFER
ANALYSIS. GLUE STIFFNESS WILL NOT BE GENERATED FOR GLUE PAIR %1.

4690.89 *** USER FATAL MESSAGE 4690
EDGE-EDGE CONTACT DEFINED IN PAIR %1 IS NOT SUPPORTED FOR SHELL ELEMENT
TYPES SUCH AS CQUAD4, CQUAD8, CTRIA3, CTRIA6, CQUADR AND CTRIAR.

4690.90 *** USER FATAL MESSAGE 4690
EDGE-SURFACE CONTACT DEFINED IN PAIR %1 IS CURRENTLY NOT SUPPORTED.

4690.91 *** USER FATAL MESSAGE 4690
AXI-SYMMETRIC SOLIDS, PLANE STRESS AND PLANE STRAIN

ELEMENTS
DEFINED IN CONTACT/GLUE PAIR %1 ARE CURRENTLY NOT SUPPORTED IN Y-Z PLANE.

4690.92 *** USER WARNING MESSAGE 4690
LARGE PENETRATIONS DETECTED IN CONTACT PAIR %1. ENSURE THAT THE MODEL IS SUFFICIENTLY CONSTRAINED.

4690.93 *** USER FATAL MESSAGE 4690
CYCAXIS CARD NOT FOUND. FOR A SOL401 CYCLIC SYMMETRY ANALYSIS, CYCAXIS CARD IS NEEDED TO DEFINE GLOBAL CYCLIC ANALYSIS AXIS.

4690.94 *** USER INFORMATION MESSAGE 4690
The Contact Average Normal option AVGNORM is turned OFF due to use of the legacy contact search algorithm.
Define SYSTEM(499)=1 to use the current contact search algorithm or DO NOT specify SYSTEM(499).

4690.95 *** USER INFORMATION MESSAGE 4690
SINGLE POINT CONSTRAINT CONDITION DEFINED FOR FOLLOWING CYCLIC TARGET NODES ON %1 SET WILL BE IGNORED FOR CYCLIC
ANALYSIS.
NODE ID %1 SET ID

4690.96 *** USER INFORMATION MESSAGE 4690 (CYC_MPC)
SPC CONSTRAINTS ADDED FOR HARMONIC %1 FOR SHARED NODES BETWEEN CYCLIC SOURCE AND TARGET FACE:
NODE ID DOF'S CONSTRAINED

4690.97 *** USER FATAL MESSAGE 4690
NO MPC RELATIONSHIPS FORMED FOR THE CYCSET REGIONS. PLEASE CHECK THE CYCSET AND CYCAXIS CARD TO ENSURE ACCURACY OF
REGION INFORMATION.

4690.98 *** USER FATAL MESSAGE 4690
COORDINATE SYSTEM %1 SPECIFIED ON %2 CARD IS NOT DEFINED ON ANY CORD2C CARD.

4690.99 *** USER FATAL MESSAGE 4690
COORDINATE SYSTEM %1 SPECIFIED ON %2 CARD ISNOT DEFINED AS A CYLINDRICAL COORDINATE SYSTEM. FOR CYCLIC ANALYSIS, THE
COORDINATE SYSTEMS DEFINED ON EITHER CYCAXIS OR CYCSET CARD ARE REQUIRED TO BE CYLINDRICAL.

4691.0 *** USER FATAL MESSAGE 4691
ERROR IN CHBDY CARD%1 THE FIRST TWO GRID POINTS MUST DETERMINE A LINE IN THE X-Z PLANE WHICH IS NOT PARALLEL TO THE X AXIS.

THE X COORDINATES MUST BOTH BE POSITIVE.
User information:
This error may also occur if the REV option is used for TYPE on the CHBDY Bulk Data entry, and the IVIEW field is not blank.
Set IVIEW (Field 9).

4692.0 *** USER FATAL MESSAGE 4692
THE TABLE %1 IS REQUIRED IN A RANDOM ANALYSIS

4692.1 *** SYSTEM FATAL MESSAGE 4692
DATABASE ERROR WHILE READING DATA BLOCK %1

4692.2 *** USER FATAL MESSAGE 4692
INSUFFICENT MEMORY ALLOCATED FOR THE RANDOM ANALYSIS

4692.3 *** USER WARNING MESSAGE 4692,
AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID%1 -%2- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK%3

4692.4 *** SYSTEM WARNING MESSAGE 4692,
EOF ENCOUNTERED WHILE READING DATA BLOCK %1 IN SUBROUTINE RAND2
User Information:
This warning is usually a good indication that an invalid node or element id was
specified on the XYPLOT and/or XYPUNCH cards. Investigate the output requests.

4692.5 *** USER WARNING MESSAGE 4692
NO RANDPS BULK DATA ENTRY REFERENCED BY CASE CONTROL RANDOM %1 FOR THIS
DATA RECOVERY PASS.
User information:
A RANDOM Case Control entry is attempting to reference RANDPS Bulk Data entries which do not exist. This may be OK if this is a multiple subcase analysis and the current data recovery pass does not generate random results.

4696.0 ***USER FATAL MESSAGE 4696,
MODE ACCELERATION RECOVERY REQUESTED BUT LLL MATRIX NOT AVAILABLE.

4696.1 ***USER FATAL MESSAGE 4696,
MODE ACCELERATION RECOVERY REQUESTED BUT UHF MATRIX NOT AVAILABLE.

4696.2 ***USER FATAL MESSAGE 4696,
MODE ACCELERATION RECOVERY REQUESTED BUT KHH MATRIX NOT AVAILABLE.

4696.3 ***USER FATAL MESSAGE 4696,

MODE ACCELERATION RECOVERY REQUESTED BUT MHH
MATRIX NOT AVAILABLE.

4696.4 ***USER FATAL MESSAGE 4696,
MODE ACCELERATION RECOVERY REQUESTED BUT PHDHF
MATRIX NOT AVAILABLE.

4696.5 ***USER FATAL MESSAGE 4696,
MODE ACCELERATION RECOVERY REQUESTED BUT UD1 OUTPUT
MATRIX NOT AVAILABLE.

4697.0 *** USER FATAL MESSAGE 4697 (XSBFF)
THE BELOW BULK DATA FREE FIELD ENTRY HAS MORE THAN
TEN FIELDS SPECIFIED. (ENTRY IGNORED).
%1
User information:
A free field Bulk Data entry had more than ten fields specified.
Only ten fields are allowed on a free field Bulk Data entry.

4698.0 *** USER WARNING MESSAGE 4698.
STATISTICS FOR DECOMPOSITION OF MATRIX %1.
THE FOLLOWING DEGREES OF FREEDOM HAVE FACTOR
DIAGONAL RATIOS GREATER THAN
%2 OR HAVE NEGATIVE TERMS ON THE FACTOR DIAGONAL.
USER INFORMATION:
THIS MESSAGE MAY BE IGNORED IF NO GRID POINT IDS OR HIGH
RATIO MESSAGES APPEAR IN THE TABLE ON THE NEXT PAGE.
User information:
During decomposition, the degrees of freedom listed have pivot
ratios that are that are greater than maxratio or are negative.
Verify that the degrees of freedom are not part of a mechanism
and that elements do not have excessive stiffness. In superelement
analysis this condition causes run termination. PARAM,BAILOUT may
be used to continue the run. See the NX NASTRAN Numerical Methods
User's Guide.

4699.0 *** USER WARNING MESSAGE 4699 (XSBFF)
THE FREE FIELD BULK DATA ENTRY BELOW HAS A REAL FIELD
WITH MORE THAN 8 CHARACTERS. SOME PRECISION MAY BE
LOST.
%1
User information:
The Bulk Data entry replicator reads the first eight fields of an
entry, then discards any that may remain. This may lead to unintended
results. Check all entries generated by the replicator if this
message appears.

5000.0 *** USER FATAL MESSAGE 5000 (EFD2D)
NEGATIVE OR ZERO RADIUS DETECTED FOR CFLUID2 ELEMENT
%1

5001.0 *** USER FATAL MESSAGE 5001 (EFD3D)
NEGATIVE OR ZERO RADIUS DETECTED FOR CFLUID3 OR CFLUID4 ELEMENT %1

5002.0 *** USER FATAL MESSAGE 5002 (EFD4D)
INTERIOR ANGLE GREATER THAN OR EQUAL TO 180 DEGREES FOR ELEMENT %1

5003.0 *** USER FATAL MESSAGE 5003 (TA1BND)
THE BEND RADIUS RB IS A NEGATIVE NUMBER CREATING ILLEGAL GEOMETRY FOR ELEMENT = %1
User information:
The orientation of the CBEND element has been improperly specified (see the remarks on the CBEND entry). Correct the CBEND element geometric or orientation vector data.

5004.0 *** USER FATAL MESSAGE 5004 (TA1BND)
THE ARC SUBTENDED BY THE BEND ELEMENT = %1 HAS EXCEEDED AN ARC OF 180 DEGREES.
User information:
The orientation of the CBEND element has been improperly specified (see the remarks on the CBEND entry). Correct the CBEND element geometric or orientation vector data.

5005.0 *** USER FATAL MESSAGE 5005 (APPEND)
INVALID VALUE OF OPTION PARAMETER DETECTED %1
User information:
The user, in calling a module, has specified an option that does not exist. Change the option parameter in the DMAP statement.

5006.0 *** USER FATAL MESSAGE 5006 (APPEND)
INPUT FILES HAVE DIFFERENT RECORD TYPES
User information:
One of the input files was a matrix and the other was not.

5007.0 *** USER FATAL MESSAGE 5007
INPUT MATRICES ARE OF DIFFERENT DATA TYPES
User information:
The matrices involved are of different data types, e.g., one contains real data and another contains integer data.

5007.1 *** USER FATAL MESSAGE 5007
INPUT MATRICES ARE OF DIFFERENT DATA TYPES. THIS MAY BE CAUSED BY USING THE AUTOMATIC MODEL PARTITIONER FOR A VERY SMALL MODEL.
USER ACTION: IF THE MODEL HAS LESS THAN 100 GRID POINTS, PLEASE REMOVE DMP FROM THE SUBMITTAL LINE.
User information:
The matrices involved are of different data types, e.g., one contains real data and another contains integer data.

5008.0 *** USER FATAL MESSAGE 5008

THE INPUT MATRICES HAVE DIFFERENT NUMBERS OF ROWS
User information:
One of the input matrices has a larger number of rows than the other(s), thereby preventing the requested matrix calculation.

5009.0 *** USER FATAL MESSAGE 5009
IN CALL TO %1, UGX MATRIX OF WRONG SIZE
User information:
The number of columns in the UGX matrix is not evenly divisible by the number of columns in the UG matrix. As a result, the UGX matrix cannot be divided into submatrices for the DSVG3 routine. Check the generation sequence for the UGX matrix.

5010.0 *** USER INFORMATION MESSAGE 5010
STURM SEQUENCE DATA FOR EIGENVALUE EXTRACTION. TRIAL EIGENVALUE = %1, CYCLES = %2 NUMBER OF EIGENVALUES BELOW THIS VALUE = %3
User information:
This message is automatic output during eigenvalue extraction. This can be used, along with the list of eigenvalues, to identify the modes found. See the NX NASTRAN Numerical Methods User's Guide.

5018.0 *** USER FATAL MESSAGE 5018
ECT PURGED - DSTA MODULE TERMINATED

5019.0 *** USER FATAL MESSAGE 5019
EPT PURGED - DSTA MODULE TERMINATED

5020.0 *** USER FATAL MESSAGE 5020
EST PURGED - DSTA MODULE TERMINATED

5021.0 *** USER FATAL MESSAGE 5021
CASECC PURGED - DSTA MODULE TERMINATED

5022.0 *** USER FATAL MESSAGE 5022
EDT PURGED - DSTA MODULE TERMINATED

5024.0 *** USER FATAL MESSAGE 5024
UGV PURGED - DSTA MODULE TERMINATED

5025.0 *** USER FATAL MESSAGE 5025
LAMA PURGED - DSTA MODULE TERMINATED
User information:
The LAMA data block contains a list of natural frequencies and may be purged because no eigenvalues were computed or the data block was not properly recovered on restart.

5026.0 *** USER FATAL MESSAGE 5026
XCASECC PURGED - DSTA MODULE TERMINATED

5028.0 *** USER FATAL MESSAGE 5028
PRELOC UNABLE TO OPEN EDT TABLE-- DSTA MODULE TERMINATED IN DSTA
User information:

Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5029.0 *** SYSTEM FATAL MESSAGE 5029
** NO DSCONS CARDS ON EDT TABLE ** DSTA MODULE TERMINATED IN DSTA
System information:
Required user data. Check bulk data input.

5030.0 *** SYSTEM FATAL MESSAGE 5030
** NO DVAR CARDS ON EDT TABLE ** DSTA MODULE TERMINATED IN DSTA

5031.0 *** SYSTEM FATAL MESSAGE 5031
** NO DVSET CARDS ON EDT TABLE ** DSTA MODULE TERMINATED IN DSTA

5032.0 ***SYSTEM FATAL MESSAGE 5032
NOT ENOUGH OPEN CORE FOR DSCONS PROCESSING--- DSTA MODULE TERMINATED IN DSTA
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5033.0 *** SYSTEM FATAL MESSAGE 5033
NOT ENOUGH OPEN CORE FOR DVAR PROCESSING--- DSTA MODULE TERMINATED IN DSTA

5034.0 *** SYSTEM FATAL MESSAGE 5034
UNEXPECTED EOR READING DVAR CARDS OFF EDT --- DSTA MODULE TERMINATED IN DSTA
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5035.0 *** SYSTEM FATAL MESSAGE 5035
NOT ENOUGH OPEN CORE FOR DVAR PROCESSING*** DSTA MODULE TERMINATED IN DSTA
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5036.0 *** SYSTEM FATAL MESSAGE 5036
NOT ENOUGH OPEN CORE FOR DVSET PROCESSING DSTA MODULE TERMINATED IN DSTA
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5037.0 *** SYSTEM FATAL MESSAGE 5037
UNEXPECTED EOR READING DVSET CARDS OFF EDT-- DSTA MODULE TERMINATED IN DSTA
System information:
Increase Region. Memory requirements for DSTA module are discussed in

Section 15.9.

5038.0 *** SYSTEM FATAL MESSAGE 5038
NOT ENOUGH OPEN CORE FOR DVSET PROCESSING*** DSTA MODULE TERMINATED IN DSTA
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5039.0 *** SYSTEM FATAL MESSAGE 5039
UNEXPECTED EOR READING CASECC DSTA MODULE TERMINATED IN DSTA
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5041.0 *** SYSTEM FATAL MESSAGE 5041
NOT ENOUGH OPEN CORE FOR TABLE 4 -- DSTA MODULE TERMINATED IN DSTA11
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5042.0 *** SYSTEM FATAL MESSAGE 5042
CODING LOGIC ERROR--DVAR ID=%1 NOT FOUND-- DSTA MODULE TERMINATED IN DSTA11
System information:
Required user data. Check bulk data input.

5043.0 *** SYSTEM FATAL MESSAGE 5043
NOT ENOUGH OPEN CORE FOR TABLE 2 -- DSTA MODULE TERMINATED IN DSTA11
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5044.0 *** SYSTEM FATAL MESSAGE 5044
CODING LOGIC ERROR--DSCONS ID= %1 NOT FOUND-- DSTA MODULE TERMINATED IN DSTA11
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5045.0 *** SYSTEM FATAL MESSAGE 5045
NOT ENOUGH OPEN CORE TO HOLD DSCONS POINTERS DSTA MODULE TERMINATES IN DSTA13
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5046.0 *** SYSTEM FATAL MESSAGE 5046
UNEXPECTED EOR WHILE READING SCR1 DSTA MODULE

TERMINATED IN DSTA13
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5047.0 *** SYSTEM FATAL MESSAGE 5047
UNEXPECTED EOR READING SCR1 DSTA MODULE TERMINATED IN DSTA13
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5048.0 *** USER WARNING MESSAGE 5048
TABLE 9 DOES NOT CONTAIN AN ENTRY FOR EID %1
THIS MEANS THAT A DSCONS CARD POINTS TO A NON-EXISTANT EID
DSTA MODULE IS IN ROUTINE DSTA13
TABLE 9 DOES NOT CONTAIN AN ENTRY FOR EID %1
User information:
Element referenced is not in model.

5049.0 *** SYSTEM FATAL MESSAGE 5049
DSCONS CARD WITH ID OF %1 HAS INVALID TYPE= %2
FOR STATICS ONLY DISP, STRESS, OR FORCE ALLOWED --DSTA MODULE TERMINATED IN DSTA13
User information:
Use input error.

5050.0 ***SYSTEM FATAL MESSAGE 5050
DSCONS CARD WITH ID OF %1 HAS INVALID TYPE= %2 = %3
FOR STATICS ONLY DISP, STRESS, OR FORCE ALLOWED --DSTA MODULE TERMINATED IN DSTA13

5051.0 ***USER WARNING MESSAGE 5051
TABLE 9 DOES NOT CONTAIN AN ENTRY FOR EID %1
THIS MEANS THAT A DSCONS ENTRY REFERENCES A NON-EXISTENT EID
DSTA MODULE IS IN ROUTINE DSTA13

5052.0 ***USER WARNING MESSAGE 5052
TABLE 9 CONTAINS THE IBID=IBID ENTRY FOR ID %1 BUT NOT THE IBID=0, MUST BE CODING LOGIC ERROR
DSTA MODULE IS IN ROUTINE DSTA13
User information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5054.0 ***SYSTEM FATAL MESSAGE 5054
NOT ENOUGH OPEN CORE TO HOLD DSCONS POINTERS DSTA MODULE TERMINATED IN DSTA14
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5055.0 ***SYSTEM FATAL MESSAGE 5055

NOT ENOUGH OPEN CORE TO HOLD DVAR POINTERS DSTA MODULE TERMINATED IN DSTA14
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5056.0 ***SYSTEM FATAL MESSAGE 5056
UNEXPECTED EOR WHILE READING A DSCONS CARD DSTA MODULE TERMINATED IN DSTA14
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5057.0 ***USER WARNING MESSAGE 5057
IBID= 0 ENTRY NOT FOUND FOR EID= %1 IN TABLE 9
THIS MEANS A DSCONS CARD REFERENCES NON- EXISTENT EID - DSTA MODULE IS IN ROUTINE DSTA14
User information:
Element referenced is not in model.

5059.0 ***SYSTEM FATAL MESSAGE 5059
UNEXPECTED EOR WHILE READING A DVAR CARD DSTA MODULE TERMINATED IN DSTA14
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5061.0 ***SYSTEM FATAL MESSAGE 5061
NOT ENOUGH OPEN CORE TO HOLD 2 * NO. OF DSCONS + 3 * NO. OF DVARS
NDSCON= %1DVAR= %2BIDTOT= %3BUF5= %4
DSTA MODULE TERMINATED IN DSTA14
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5062.0 ***SYSTEM FATAL MESSAGE 5062
CODING LOGIC ERROR, DSCONS POINTER TABLE 2(SCR2) HAS MORE DSCONS IDS THAN TABLE 11(SCR8)
CURRENT DSCONS ID FROM TABLE2 = %1
DSTA MODULE TERMINATED IN DSTA14
System information:
Required user data. Check bulk data input.

5064.0 ***SYSTEM FATAL MESSAGE 5064
DSCONS ID DOES NOT MATCH MODE ID FOUND IN LAMA TABLE
PTER= %1D= %2 Z(PTER)= %3 TB9BEG= %4NWDLA= %5
LAMA RECORD NO. 2
%6 %7
DSTA MODULE TERMINATED IN DSTA14

5065.0 ***SYSTEM FATAL MESSAGE 5065
UNEXPECTED END OF FILE READING LAMA TABLE

DSTA MODULE TERMINATED IN DSTA14
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5066.0 ***SYSTEM FATAL MESSAGE 5066
TYPE= %1 ON DSCONS CARD INVALID
DSTA MODULE TERMINATED IN DSTA14
System information:
User input error.

5067.0 ***SYSTEM FATAL MESSAGE 5067
UNEXPECTED EOR WHILE READING DSCONS CARDS DSTA MODULE TERMINATED IN DSTA18
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5068.0 ***SYSTEM FATAL MESSAGE 5068
NOT ENOUGH OPEN CORE TO HOLD 4* # OF MODE NUMBERS----#MODE NUMBERS= %1-DSTA MODULE TERMINATED IN DSTA18

5069.0 ***SYSTEM FATAL MESSAGE 5069
NUMBER OF OPEN CORE WORDS= %1 NOT ENOUGH TO HOLD ONE CASE CONTROL RECORD
--DSTA MODULE TERMINATED IN DSTA1A
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5070.0 ***SYSTEM FATAL MESSAGE 5070
SET2 CARD ID= %1 NOT FOUND IN CASE CONTROL
--DSTA MODULE TERMINATED IN DSTA1A
System information:
Required user data. Check bulk data input.

5071.0 ***USER WARNING MESSAGE 5071
SET ID %1 REFERENCED ON SET2 CARD NOT FOUND IN CASE CONTROL--DSTA MODULE IS IN DSTA1B
User information:
Required user data. Check bulk data input.

5072.0 ***SYSTEM FATAL MESSAGE 5072
NOT ENOUGH OPEN CORE TO HOLD DSCONS ID'S--DSTA MODULE TERMINATED IN DSTA1B
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5073.0 ***SYSTEM FATAL MESSAGE 5073
NOT ENOUGH OPEN CORE TO HOLD TABLE 4 POINTERS FOR DVAR CARDS
---MODULE DSTA TERMINATED IN DSTA1D
System information:

Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5074.0 ***SYSTEM FATAL MESSAGE 5074
NOT ENOUGH OPEN CORE TO HOLD TABLE 2 POINTERS FOR DSCONS CARDS
---MODULE DSTA TERMINATED IN DSTA1D
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5075.0 ***SYSTEM FATAL MESSAGE 5075
NO OPEN CORE LEFT TO PROCESS TABLE 1 ---MODULE DSTA TERMINATED IN DSTA1D
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5076.0 ***SYSTEM FATAL MESSAGE 5076
NOT ENOUGH OPEN CORE TO HOLD DSCONS POINTER TABLE DSTA MODULE TERMINATED IN DSTA1E
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5077.0 ***SYSTEM FATAL MESSAGE 5077
NOT ENOUGH OPEN CORE TO HOLD DSCONS POINTER TABLE DSTA MODULE TERMINATED IN DSTA3
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5078.0 ***SYSTEM FATAL MESSAGE 5078
NOT ENOUGH OPEN CORE TO HOLD TABLE 3 - DSTA MODULE TERMINATED IN DSTA3
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5079.0 ***SYSTEM FATAL MESSAGE 5079
NOT ENOUGH OPEN CORE TO HOLD DVAR POINTER TABLE DSTA MODULE TERMINATED IN DSTA5
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5080.0 ***SYSTEM FATAL MESSAGE 5080
NOT ENOUGH OPEN CORE TO HOLD DVSET POINTER TABLE DSTA MODULE TERMINATED IN DSTA5
System information:
Increase Region. Memory requirements for DSTA module are discussed in

Section 15.9.

5081.0 ***SYSTEM FATAL MESSAGE 5081
NOT ENOUGH OPEN CORE TO HOLD DVAR CARD -- DSTA MODULE TERMINATED IN DSTA5
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5082.0 ***SYSTEM FATAL MESSAGE 5082
NOT ENOUGH OPEN CORE TO HOLD DVSET ENTRY FOR ONE VID -- DSTA MODULE TERMINATED IN DSTA5
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5083.0 *** USER FATAL MESSAGE 5083 (DSTA5).
A DVAR ENTRY WITH BID OF %1 REFERENCES NON-EXISTENT ENTRY DVSET WITH VID OF %2
User information:
Required user data. Check Bulk Data input.

5084.0 NOT ENOUGH OPEN CORE TO HOLD TABLE 6 DSTA MODULE TERMINATED IN DSTA6
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5085.0 ***SYSTEM FATAL MESSAGE 5085
CODING LOGIC ERROR, CHECK LENGTH CALCULATION FOR TABLE 6 ---- MODULE DSTA TERMINATED IN DSTA7
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5086.0 ***SYSTEM FATAL MESSAGE 5086
NO MATCH FOUND IN GPTA1 FOR ECT LOCATE IDS %1 --MODULE DSTA TERMINATED IN DSTA7
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5086.1 *** SYSTEM FATAL MESSAGE 5086 (DOM2C)
NO MATCH FOUND IN GPTA1 FOR ECT LOCATE IDS %1
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5087.0 ***SYSTEM FATAL MESSAGE 5087
ECT ENTRY LENGTH FOR ELEMENT TYPE %1 IS %2 ---PROGRAM LIMIT IS 350 --MODULE DSTA TERMINATED IN DSTA7
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5087.1 *** SYSTEM FATAL MESSAGE 5087 (DOM2C)

ECT ENTRY LENGTH FOR ELEMENT TYPE %1 IS %2---PROGRAM LIMIT IS 350
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5088.0 ***SYSTEM FATAL MESSAGE 5088
UNEXPECTED EOF WHILE READING ECT TABLE MODULE DSTA TERMINATED IN DSTA7
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5089.0 ***SYSTEM FATAL MESSAGE 5089
TABLE 7 LENGTH OF %1 EXCEEDS OPEN CORE OF %2 WORDS-- MODULE DSTA TERMINATED IN DSTA7
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5090.0 ***SYSTEM FATAL MESSAGE 5090
NOT ENOUGH OPEN CORE TO HOLD TABLE 8-- MODULE DSTA TERMINATED IN DSTA8A
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5091.0 ***SYSTEM FATAL MESSAGE 5091
EOF ENCOUNTERED ON EPT -- DSTA MODULE TERMINATED IN DSTA8B
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5093.0 ***SYSTEM FATAL MESSAGE 5093
TABLE 5 ENTRY NOT FOUND IN TABLE 8--- MUST BE PROGRAM LOGIC ERROR-- DSTA MODULE TERMINATED IN DSTA9A
USER ACTION: PLEASE SEND THIS RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5093.1 *** SYSTEM FATAL MESSAGE 5093 (DSAB5A)
TABLE 1 ENTRY NOT FOUND IN TABLE 4. IT MUST BE PROGRAM LOGIC ERROR.
USER ACTION: PLEASE SEND THIS RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5094.0 ***SYSTEM FATAL MESSAGE 5094
NOT ENOUGH OPEN CORE TO HOLD AN EPT ENTRY DSTA MODULE TERMINATED IS DSTA9A
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5095.0 ***SYSTEM FATAL MESSAGE 5095
NOT ENOUGH OPEN CORE TO HOLD 2 EPT ENTRIES DSTA MODULE TERMINATED IS DSTA9A
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5096.0 ***SYSTEM FATAL MESSAGE 5096
NOT ENOUGH OPEN CORE TO HOLD TABLE 7 -- DSTA MDOULE TERMINATED IN DSTA9B
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5097.0 ***SYSTEM FATAL MESSAGE 5097
NOT ENOUGH OPEN CORE TO HOLD TABLE 3 -- DSTA MODULE TERMINATED IN DSTA9B
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5098.0 ***SYSTEM FATAL MESSAGE 5098
NOT ENOUGH OPEN CORE TO HOLD EPT ENTRY -- DSTA MODULE TERMINATED IN DSTA9B
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5099.0 ***SYSTEM FATAL MESSAGE 5099
UNEXPECTED EOR READING EST TABLE-- DSTA MODULE TERMINATED IN DSTA9B
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5100.0 ***SYSTEM FATAL MESSAGE 5100
NOT ENOUGH OPEN CORE TO HOLD TABLE 13 --DSTA MODULE TERMINATED IN DSTACC
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5101.0 ***SYSTEM FATAL MESSAGE 5101
NO OPEN CORE LEFT --- --DSTA MODULE TERMINATED IN DSTACC
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5102.0 ***SYSTEM FATAL MESSAGE 5102
NOT ENOUGH OPEN CORE TO HOLD DISP SET --DSTA MODULE TERMINATED IN DSTACC

System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5103.0 ***SYSTEM FATAL MESSAGE 5103
NO OPEN CORE LEFT --- --DSTA MODULE TERMINATED IN DSTACC
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5104.0 ***SYSTEM FATAL MESSAGE 5104
NOT ENOUGH OPEN CORE TO HOLD STRESS SET --DSTA MODULE TERMINATED IN DSTACC
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5105.0 ***SYSTEM FATAL MESSAGE 5105
CODING LOGIC ERROR-TABLE 13 TYPE %1 NOT VALID FOR STATICS --DSTA MODULE TERMINATED IN DSTACC
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5106.0 ***SYSTEM FATAL MESSAGE 5106
NO OPEN CORE LEFT --- --DSTA MODULE TERMINATED IN DSTACC
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5107.0 ***SYSTEM FATAL MESSAGE 5107
NOT ENOUGH OPEN CORE TO HOLD FORCE SET --DSTA MODULE TERMINATED IN DSTACC
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5108.0 ***USER WARNING MESSAGE 5108
UGV HAS MORE CONDITIONS THAN CASECC HAS SUBCASES THUS LAST CASECC SUBCASE USED AS MODEL FOR REMAINING CASEDS RECORDS.
--DSTA MODULE EXECUTING IN DSTACC

5109.0 ***SYSTEM FATAL MESSAGE 5109
UNEXPECTED EOR WHILE READING CASECC --DSTA MODULE TERMINATED IN DSTACC
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5110.0 ***SYSTEM FATAL MESSAGE 5110
UNEXPECTED EOR WHILE READING DVAR CARDS --DSTA MODULE TERMINATED IN DSTACO
System information:

Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5111.0 ***SYSTEM FATAL MESSAGE 5111
UNEXPECTED EOR WHILE READING CASECC --DSTA MODULE TERMINATED IN DSTACO
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5112.0 ***SYSTEM FATAL MESSAGE 5112
UNEXPECTED EOF WHILE READING CASECC --DSTA MODULE TERMINATED IN DSTACO
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5113.0 ***SYSTEM FATAL MESSAGE 5113
INSUFFICIENT OPEN CORE FOR LIST OF MODE ID'S FROM TABLE 18--NUMBER WORDS AVAILABLE= %1
DSTA MODULE TERMINATED IN DSTAES
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5114.0 ***USER FATAL MESSAGE 5114
PROBLEM LIMITATION OF 66 TEMPERATURE SETS AS BEEN EXCEEDED.
--DSTA MODULE TERMINATED IN DSTAET

5114.1 ***USER FATAL MESSAGE 5114
PROBLEM LIMITATION OF 66 TEMPERATURE SETS HAS BEEN EXCEEDED.
--DSTA MODULE TERMINATED IN DSTAEC

5115.0 ***SYSTEM FATAL MESSAGE 5115
UNEXPECTED END OF RECORD READING TABLE ETT --DSTA MODULE TERMINATED IN DSTAET
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5116.0 ***SYSTEM FATAL MESSAGE 5116
TEMPERATURE SET ID. IN DATA RECORD NOT FOUND IN HEADER RECORD
TEMP(1)= %1
TLIST(I)= %2
%3
%4
%5
%6
%7
%8
%9
%10

%11
%12
%13
%14
%15
%16
%17
%18
%19
%20
%21
--DSTA MODULE TERMINATED IN DSTAET
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5117.0 ***SYSTEM FATAL MESSAGE 5117
UNEXPECTED END OF RECORD READING TABLE ETT --DSTA MODULE TERMINATED IN DSTAET
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5118.0 ***SYSTEM FATAL MESSAGE 5118
UNEXPECTED END OF RECORD READING TABLE ETT --DSTA MODULE TERMINATED IN DSTAET
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5119.0 ***SYSTEM FATAL MESSAGE 5119
TEMP SET ID. IN DATA RECORD NOT FOUND IN HEADER RCD. --DSTA MODULE TERMINATED IN DSTAET
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5120.0 ***SYSTEM FATAL MESSAGE 5120
UNEXPECTED END OF FILE READING TABLE ETT --DSTA MODULE TERMINATED IN DSTAET
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5121.0 ***SYSTEM FATAL MESSAGE 5121
NOT ENOUGH OPEN CORE TO HOLD DSCONS POINTERS --DSTA MODULE TERMINATED IN DSTARO
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5122.0 ***SYSTEM FATAL MESSAGE 5122
UNEXPECTED EOR WHILE READING DSCONS CARDS --DSTA MODULE TERMINATED IN DSTARO
System information:

Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5123.0 ***SYSTEM FATAL MESSAGE 5123
NOT ENOUGH OPEN CORE TO HOLD DVAR POINTERS --DSTA MODULE TERMINATED IN DSTACO
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5124.0 ***SYSTEM FATAL MESSAGE 5124
NOT ENOUGH OPEN CORE TO HOLD DSCONS POINTERS DSTA MODULE TERMINATED IN DSTA18
System information:
Increase Region. Memory requirements for DSTA module are discussed in Section 15.9.

5125.0 ***USER WARNING MESSAGE 5125
FIRST NON-ZERO VALUE IN FILE 102 COLUMN= %1 IS IN ROW %2, SHOULD BE IN ROW %3
-- MODULE DSMA CONTINUING

5125.1 *** USER WARNING MESSAGE 5125
%1TH NON-ZERO (IN ROW %2 AND COLUMN %3) IGNORED

5126.0 ***SYSTEM WARNING MESSAGE 5126
FILE %1 SUBCASE %2 DOES NOT MATCH FILE DSPT2 SUBCASE %3
CHECK YOUR DMAP FOR CORRECT FILE %4 --DSMA MODULE TERMINATED

5127.0 ***SYSTEM WARNING MESSAGE 5127
FILE 102 GRID ID.%1 DOES NOT MATCH FILE DSPT2 GRID ID.%2
CHECK YOUR DMAP FOR CORRECT FILE 102 --DSMA MODULE TERMINATED

5129.0 ***SYSTEM WARNING MESSAGE 5129
FILE %1 ELEMENT ID. %2 DOES NOT MATCH FILE DSPT2 ELEMENT ID. %3
CHECK YOUR DMAP FOR CORRECT FILE %4 --DSMA MODULE TERMINATED

5132.0 ***SYSTEM WARNING MESSAGE 5132
UNEXPECTED EOR WHILE READING %1 --DSMA MODULE TERMINATED
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5133.0 ***SYSTEM WARNING MESSAGE 5133
UNEXPECTED EOR DURING FWDREC ON %1 --DSMA MODULE TERMINATED
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5142.0 ***SYSTEM WARNING MESSAGE 5142

FILE DSPT2 IS PURGED --DSMA MODULE TERMINATED

5143.0 ***SYSTEM WARNING MESSAGE 5143
FILE %1 IS PURGED --DSMA MODULE TERMINATED

5146.0 *** USER FATAL MESSAGE 5146
IN GPSPEN OF GPSTR1. MUST BE A CODING ERROR,
SINCE EMG SHOULD HAVE FOUND GEOMETRY ERROR
ELEMENT ID= %1

5147.0 ***SYSTEM FATAL MESSAGE 5147
LOGIC ERROR, READ COUNTER IF1 = 0 --UTILITY MERGER
TERMINATED

5148.0 ***SYSTEM FATAL MESSAGE 5148
LOGIC ERROR, READ COUNTER IF2 = 0 --UTILITY MERGER
TERMINATED

5149.0 ***USER WARNING MESSAGE 5149
NO PROPERTY ID'S REFERENCED ON DVSET CARDS WERE FOUND
IN ELEMENT PROPERTY TABLE (EPT).
DSTA MODULE IS IN SUBROUTINE DSTA9A
User information:
Check property IDs on DVSET entries for valid IDs.

5149.1 ***USER WARNING MESSAGE 5149 (DSAB5A)
NO PROPERTY IDS REFERENCED ON DVSET CARDS WERE FOUND
IN ELEMENT PROPERTY TABLE EPT.

5151.0 ***USER FATAL MESSAGE 5151
IN GPSHEX ROUTINE OF GPSTR1 ,MUST BE A CODING ERROR
SINCE GEOMETRY SHOULD HAVE BEEN
CHECKED IN EMG ROUTINES FOR HEXA ELEMENT %1

5151.1 ***USER FATAL MESSAGE 5151
IN GPSECS ROUTINE OF GPSTR1 ,MUST BE A CODING ERROR
SINCE GEOMETRY SHOULD HAVE BEEN
CHECKED IN EMG ROUTINES %1

5152.0 ***SYSTEM FATAL MESSAGE 5152
UNEXPECTED END OF RECORD READING TABLE ETT --DSTA
MODULE TERMINATED IN DSTAEC
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5153.0 ***SYSTEM FATAL MESSAGE 5153
TEMPERATURE SET ID. IN DATA RECORD NOT FOUND IN HEADER
RECORD
TEMP(1)= %1
TLIST(I)= %2
%3
%4
%5

%6
%7
%8
%9
%10
%11
%12
%13
%14
%15
%16
%17
%18
%19
%20
%21
--DSTA MODULE TERMINATED IN DSTAEC

5154.0 ***SYSTEM FATAL MESSAGE 5154
UNEXPECTED END OF RECORD READING TABLE ETT --DSTA MODULE TERMINATED IN DSTAEC
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5155.0 ***SYSTEM FATAL MESSAGE 5155
UNEXPECTED END OF RECORD READING TABLE ETT --DSTA MODULE TERMINATED IN DSTAEC
System information:
Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5156.0 ***SYSTEM FATAL MESSAGE 5156
TEMP SET ID. IN DATA RECORD NOT FOUND IN HEADER RCD. -- DSTA MODULE TERMINATED IN DSTAEC

5157.0 ***SYSTEM FATAL MESSAGE 5157
UNEXPECTED END OF FILE READING TABLE ETT --DSTA MODULE TERMINATED IN DSTAEC

5164.0 *** SYSTEM FATAL MESSAGE 5164 (DSVG1D)
DATA BLOCKS %1 AND %2 ARE INCONSISTENT.

5165.0 *** USER FATAL MESSAGE 5165 (DSVGPD)
ELEMENT TYPE = %1 (%2) ELEMENT ID = %3 DOES NOT EXIST IN ESTDVF DATA BLOCK

5165.1 *** USER FATAL MESSAGE 5165 (DVSGPD)
ELEMENT TYPE = %1 (%2), DOES NOT EXIST IN ESTDVF/ESTDVB DATA BLOCK

5165.2 *** USER FATAL MESSAGE 5165 (DVSGPD)
ELEMENT TYPE = %1 (%2) HAS MISS MATCH INFORMATION IN ESTDVF AND ESTDVB DATA BLOCK

5172.0 *** USER FATAL MESSAGE 5172 (DSDJ1D)
THE VARIATIONAL ELEMENT ID IN %1 INCONSISTENT WITH THE VARIATIONAL ELEMENT ID IN %2, MODULE DSVG1 IS TERMINATED.
User information:
Inconsistent variational element ID between XKDICT and DSPT1 data sets. Check XKDICT and DSPT1 data blocks. Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5174.0 *** USER WARNING MESSAGE 5174 (DSVG1D)
FOR MODE NUMBER %1 GENERALIZED MASS IS EQUAL TO ZERO. THE CORRESPONDING DESIGN SENSITIVITY GRADIENTS SET TO ZERO.

5181.0 *** USER FATAL MESSAGE 5181. (NLSL3D)
ELEMENT WITH ID = %1 HAS A GRID POINT OPPOSITE TO THOSE OF A FACE RECEIVING A PRESSURE LOAD
WHICH IS EVIDENTLY IN THE SAME PLANE AS THIS FACE.
User information:
The solid element is so distorted that it is impossible to find the inward direction for pressure loads. This can happen with incorrect grid geometry, or excessive deflections with geometric nonlinear option. Fix model or reduce load increments.

5182.0 *** USER FATAL MESSAGE 5182. (NLSL3D)
ELEMENT ID = %1 CID =%2, N1, N2, N3 =%3
LOAD DIRECTION VECTOR WHEN TRANSFORMED TO BASIC CO-ORDINATES AT A GAUSS POINT HAS A ZERO LENGTH.
User information:
The user supplied N vector or the PLOAD4 Bulk Data entry was nonzero but became zero when transformed to basic. This is a program error or underflow.

5183.0 *** USER WARNING MESSAGE 5183. (DRMS2-2)
OUTPUT DATA BLOCK CORRESPONDING TO INPUT MODAL SOLUTION DATA BLOCK %1
IS NOT PRESENT. INPUT DATA BLOCK THUSLY IGNORED.
User information:
Since the output data block was purged, the data in the corresponding input data block was not used.

5184.0 *** USER WARNING MESSAGE 5184. (DRMS2-4)
INVALID INPUT DATA DETECTED IN DATA BLOCK %1.
PROCESSING STOPPED FOR THIS DATA BLOCK.

5185.0 *** USER WARNING MESSAGE 5185. (DRMS2B-1)
THE AMOUNT OF DATA IS NOT CONSISTENT FOR EACH EIGENVALUE IN DATA BLOCK %1
PROCESSING OF THIS DATA BLOCK TERMINATED.
User information:

Send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5186.0 *** USER WARNING MESSAGE 5186. (DRMS2A-2)
A CHANGE IN WORD 2 OF THE OFP-ID RECORDS OF DATA BLOCK %1
HAS BEEN DETECTED. PROCESSING OF THIS DATA BLOCK HAS BEEN TERMINATED.

5187.0 *** USER INFORMATION MESSAGE 5187. (DRMS1-3)
INSUFFICIENT MEMORY, ADDITIONAL %1 WORDS ARE NEEDED.

5187.1 *** USER INFORMATION MESSAGE 5187. (D9ALTOP)
INSUFFICIENT MEMORY, ADDITIONAL %1 WORDS ARE NEEDED.
USER ACTION: INCREASE SPECIFIED MEMORY.

5188.0 *** USER INFORMATION MESSAGE 5188. (DRMS2-1)
MODULE DRMS2 TERMINATED WITH VARIABLE IERROR = %1

5189.0 *** USER WARNING MESSAGE 5189. (DRMS2A-3)
ILLEGAL MAJOR OR MINOR OFP-ID IDENTIFICATIONS = %1
DETECTED IN DATA BLOCK%2. PROCESSING OF SAID DATA BLOCK DISCONTINUED.

5190.0 *** USER WARNING MESSAGE 5190. (DRMS2B-3)
DATA BLOCK%1 MAY NOT BE FULLY COMPLETED DUE TO A MEMORY INSUFFICIENCY
OF APPROXIMATELY%2 DECIMAL WORDS.

5191.0 *** USER WARNING MESSAGE 5191. (DRMS2B-2)
A CHANGE IN WORD 2 OF THE OFP-ID RECORDS OF DATA BLOCK %1
HAS BEEN DETECTED. PROCESSING OF THIS DATA BLOCK HAS BEEN TERMINATED.

5193.0 *** USER WARNING MESSAGE 5193,
PARTITION FILE %1 IS OF SIZE%2 ROWS BY%3 COLS.
PARTITIONING VECTORS INDICATE THAT THIS PARTITION SHOULD BE OF SIZE%4 ROWS BY%5 COLUMNS FOR A SUCCESSFUL MERGE.

5194.0 *** USER WARNING MESSAGE 5194,
THE FORM PARAMETER AS GIVEN TO THE MERGE MODULE IS INCONSISTENT WITH THE SIZE OF THE
MERGED MATRIX, HOWEVER IT HAS BEEN USED. FORM =%1 SIZE =%2 ROWS BY%3 COLUMNS.

5195.0 *** USER WARNING MESSAGE 5195,
REQUESTED VALUE OF %1%2 %3USED BY %4. LOGICAL CHOICE IS%5

5196.0 *** SYSTEM FATAL MESSAGE 5196,
ATTEMPT TO RECOVER PLASTIC-STRAIN VS SLOPE FOR ELEMENT%1 MATERIAL%2 WHEN NONE FORMULATED.
System information:

This message is issued if MATS1 refers to TABLES1 which does not exist. This error is also issued if PLASTIC is specified with TID and the first data point is not at the origin. Check MATS1 and TABLES1 entries to ensure that proper tables exist.

5197.0 ****USER FATAL MESSAGE 5197 (MPRO)
MATRIX MCHI3 IS SINGULAR.
User information:
Module MPRO attempted to decompose matrix MCHI3 which was singular. The location of the fluid coordinate system must not touch any element. It should be at the center of fluid.

5199.0 *** USER FATAL MESSAGE 5199 (XSBFF)
THE BULK DATA FREE FIELD ENTRY BELOW HAS AN INTEGER OR A CHARACTER FIELD WITH MORE THAN EIGHT CHARACTERS.
%1
User information:
The bulk data free field formatter will not accept integer or character fields with more than eight characters, since it only generates single field entries.
This can also occur when the line length exceeds 72 characters (note that commas count as characters).

5202.0 NOT POSSIBLE TO
PERFORM TEMPERATURE CORRECTION FOR ELEMENT ID = %1
AS TEMPERATURE IS ZERO .
User information:
The value of the absolute temperature must be greater than zero for temperature corrections in the creep process. The program ignores temperature corrections and continues. Check the "RT" field on the CREEP entry and the PARAM,TABS Bulk Data entry. To reduce the amount of output generated, this message is printed for the first element only while the error may exist for others.

5203.0 *** USER WARNING MESSAGE 5203
THE SEMAP DATA BLOCK HAS BEEN MARKED NON-EXECUTABLE BY MODULE SEP1.

5203.1 *** USER FATAL MESSAGE 5203 .
IMPLAUSIBLE CREEP LAW OF TYPE 300 IS USED .
User information:
The value of d must be less than 2 on the CREEP entry.

5214.0 *** USER FATAL MESSAGE 5214,
GRAV OPTION ON LOADCYH CARD ILLEGAL FOR BUCKLING

5215.0 *** USER FATAL MESSAGE 5215,
RFORCE OPTION ON LOADCYHCARD ILLEGAL FOR BUCKLING

5216.0 *** USER FATAL MESSAGE 5216,
GROUP %1 DID NOT REFERENCE ANY GRID POINTS
User information:

No grids were found in the specified group either directly with the GRID keyword, or
indirectly via the PROP or ELEM keywords.

5217.0 *** USER FATAL MESSAGE 5217 *** ,
AN EXTRA POINT ID%1 DUPLICATES A GRID OR SCALAR POINT ID
User information:
While processing the external grids in Module DPD, duplicate grid numbers were found.

5218.1 *** USER INFORMATION MESSAGE 5218 (WILVCD)
EIGENVALUE APPROACHING INFINITY AT %1TH MODE.
EIGENVECTORS WILL NOT BE COMPUTED BEYOND THIS POINT.
User information:
The MGIV, MHOU, AGIV, and AHOU methods substitute a very large number
for eigenvalues that approach machine infinity. If eigenvectors are computed for these artificial values, they may be numerical noise, or they may cause overflows. Eigenvector computation is halted at the first machine infinity instead even if you requested eigenvectors in this range.

5218.2 *** USER INFORMATION MESSAGE 5218 (CLASDD)
%1 INFINITE ROOTS AND %2 INDETERMINATE ROOTS HAVE BEEN FOUND, FOR A PROBLEM SIZE OF %3.
EIGENSOLUTIONS ARE NOT PROVIDED FOR INFINITE OR INDETERMINATE ROOTS.

5219.0 *** USER FATAL MESSAGE 5219
FORM 3 MATRIX INPUT TO SMPYAD MODULE. USE MATMOD OPTION 27 FIRST.
User information:
Prior to Version 63, a special diagonal matrix could be input via DMI entries. It could be used properly only by the ADD, MPYAD, and MATPRN modules. This capability has been removed from the first two modules.
Use MATMOD Option 27 to convert the matrix to Form 6.

5219.1 *** USER FATAL MESSAGE 5219
FORM 3 MATRIX INPUT TO DMPYAD MODULE. USE MATMOD OPTION 27 FIRST.
User information:
Prior to Version 63, a special diagonal matrix could be input via DMI entries. It could be used properly only by the ADD, MPYAD, and MATPRN modules. This capability has been removed from the first two modules.
Use MATMOD Option 27 to convert the matrix to Form 6.

5219.2 *** USER FATAL MESSAGE 5219 (ADD)
FORM 3 MATRIX INPUT TO ADD MODULE. USE MATMOD OPTION 27 FIRST.

User information:
Prior to Version 63, a special diagonal matrix could be input via DMI entries. It could be used properly only by the ADD, MPYAD, and MATPRN modules. This capability has been removed from the first two modules.
Use MATMOD Option 27 to convert the matrix to Form 6.

5220.0 *** USER FATAL MESSAGE 5220 (SEP1A)
GRID NO. %1 APPEARS MORE THAN ONCE ON CSUPER ENTRY WITH SSID = %2

5220.1 *** USER FATAL MESSAGE 5220 (SEPEXT)
GRID OR SCALAR ID=%1 APPEARS MORE THAN ONCE ON EXTRN BULK DATA ENTRY WITH SUPERELEMENT ID=%2.

5221.0 *** USER WARNING MESSAGE 5221.
STATISTICS FOR DECOMPOSITION OF MATRIX %1.
THE FOLLOWING DEGREES OF FREEDOM HAVE NULL COLUMNS.
User information:
Module DCMP tried to decompose a matrix which was singular. That matrix had null columns and the associated grid point numbers and degrees of freedom are printed out.

5222.0 *** USER INFORMATION MESSAGE 5222 ,
%1 COUPLED SOLUTION ALGORITHM USED.
User information:
The modal methods use uncoupled solution algorithms, if possible. The uncoupled algorithms are considerably more economical than the coupled algorithms. Coupled algorithms are required when any of the following effects are present: transfer functions, DMIG requests of the p-type, element damping, and PARAM,G.
Consider the use of modal damping (TABDMP1 entry) to reduce the cost of your analysis.

5224.0 *** SYSTEM FATAL MESSAGE 5224 (XSEM)
THE LINK SPECIFICATION TABLE HAS DIRECTED EXECUTION TO LINK %1
HOWEVER, THIS LINK DOES NOT CALL MODULE %2
System information:
The "new" module has been incorrectly installed in the specified link or the problem is being run on a mismatched set of LINKS of NX NASTRAN.
Report the problem to the programmer responsible for the generation of the failing link.

5225.0 *** SYSTEM FATAL MESSAGE 5225 (XSEM)
THIS MODULE %1 CANNOT BE FOUND IN THIS LINK %2 OR ANY OTHER LINK.

5225.1 *** USER FATAL MESSAGE 5225 (SB46RD)
ATTEMPT TO OPERATE ON THE SINGULAR MATRIX IN

SUBROUTINE SB46RD.
User information:
This message is preceded by the listing of the grid point ID and degrees of freedom for any null columns.

5225.2 ATTEMPT TO OPERATE ON THE SINGULAR MATRIX %1 IN SUBROUTINE DCMP.
User information:
This message is preceded by the listing of the grid point ID and degrees of freedom for any null columns.

5226.0 *** USER FATAL MESSAGE 5226 (IFS5P)
ILLEGAL INDEPENDENT DEGREES OF FREEDOM FOR RIGID ELEMENT %1 SORTED COUNT %2
User information:
Rigid elements (excluding the RROD) must have six n-set degrees-of-freedom.

5227.0 *** USER FATAL MESSAGE 5227 (IFS5P)
ILLEGAL DEPENDENT DEGREES OF FREEDOM FOR RIGID ELEMENT %1 SORTED COUNT %2
User information:
The rigid element listed has picked an illegal component for a dependent degree of freedom. See Section 5 of the NX NASTRAN Quick Reference Guide.

5229.0 *** USER WARNING MESSAGE 5229
INPUT FILE TO MODULE %1 PURGED. MODULE RETURNS WITH PURGED OUTPUT.
User information:
The matrix to be decomposed is not present. Any module that depends on the output of this module will also have purged input.

5230.0 *** SYSTEM FATAL MESSAGE 5230,
ELEMENT NUMBER OUTSIDE RANGE OF POSSIBLE NONLINEAR ELEMENTS.
System information:
The index passed to the new element type subroutine which unpacks the Block Data information determined that no data exists.

5231.0 *** SYSTEM FATAL MESSAGE 5231,
INCONSISTENT LENGTH ON NONLINEAR APPENDAGE DETECTED FOR ELEMENT %1
System information:
The length encode with the EST file for the length of an element appendage did not match that decode from the Block Data.

5232.0 *** USER FATAL MESSAGE 5232 (XSBFF)
THE BELOW REPLICATOR ENTRY HAS AN ILLEGAL VALUE. THE VALUE MUST BE AN INTEGER GREATER THAN 0.
%1

User information:
The replicator count on the replicator entry must be an integer, greater than zero.

5236.0 *** USER INFORMATION MESSAGE 5236,
THE FREQUENCY RANGE HAS BEEN SPLIT INTO %1 SUBREGIONS.
User information:
The overall frequency range for eigenanalysis is split into several smaller ranges when using the SINV option to calculate modes and frequencies.

5237.0 *** USER INFORMATION MESSAGE 5237,
THE NEGATIVE FREQUENCY RANGE HAS BEEN SPLIT INTO %1 SUBREGIONS.
User information:
The overall frequency range for eigenanalysis has been split into several smaller ranges. This message occurs only for buckling analysis.

5238.0 *** USER INFORMATION MESSAGE 5238,
NUMBER OF ROOTS IN THE DEFINED FREQUENCY RANGE IS GREATER THAN 600.
User information:
More than 600 roots are in the desired frequency range, which is greater than the maximum allowed using SINV. Decrease the size of the frequency range.

5239.0 *** USER INFORMATION MESSAGE 5239,
BISECTING IN THE %1 - %2 INTERVAL ON LAMBDA.
User information:
The frequency subregion encompassing eigenvalues xx-yy is cut in half in order to find the remaining roots.

5240.0 *** USER INFORMATION MESSAGE 5240,
THE BISECTION VALUE IS : %1 FREQUENCY:%2
User information:
The selected value is midway between the lowest and highest frequencies in the frequency subregion.

5241.0 *** USER INFORMATION MESSAGE 5241,
MISSING ROOT(S) IN THE %1 - %2 INTERVAL ON LAMBDA.
User information:
The Sturm sequence check has indicated that roots are missing in the frequency range, and they cannot be found by further bisectioning. If the run terminates with missing roots, decrease the frequency range.

5242.0 *** USER INFORMATION MESSAGE 5242,
THE ROOT FOUND IS NOT THE LOWEST ONE ABOVE FMIN.
User information:
The Sturm sequence check indicates that at least one unfounded root exists between FMIN and the lowest frequency root found. Set FMAX

close to the lowest frequency found, so that the lower roots can be found.

5243.0 *** SYSTEM FATAL MESSAGE 5243 (SEQGP)
NO GRID POINT (GEOM1) OR SCALAR POINT (GEOM2) GEOMETRY DATA AVAILABLE.
System information:
Both the GEOM1 (the first input file) for gridpoint geometry and the GEOM2 (the second input file) for scalar point geometry are either purged or contain no geometry data as input to the sequencer module SEQP.

5244.0 *** USER WARNING MESSAGE 5244. (GPFDR)
HAS IGNORED DATA FROM THE %1 MATRIX (%2 X %3)
DUE TO INCOMPATIBILITY WITH THE UGV MATRIX (%4 X %5)
User information:
The UG, PG, QG matrices are processed in synchronization. Incompatible sizes for these matrices which happens for some solution sequences causes obscure terminations. An incompatible QG may be caused by grounded CELASi elements in a model with no constraints.
Check whether GPFDR is supported for the solution sequence being used.

5246.0 SUBCASE%1, LOAD CAS%2
ELEMENT TYPE%3, HAS AN IDENTICAL ELEMENT ID%4 IN EACH INPUT FILE.

5247.0 THE NUMBER OF WORDS %1 IN %2 FILE RECORD %3 IS INCORRECT.
System information:
Files being read do not agree with expected format.
Check that correct files are being input to MERGEOFP.

5248.0 ELEMENT NAMES NOT FOUND IN ALPHABETICAL SORT WITHIN SUBCASE/LOADCASE IN%1 DATA BLOCK.
System information:
Check that the correct input files are being supplied to MERGEOFP.
This error has also been observed when restart parameters LOOPID and SUBID are not set properly.

5249.0 *** SYSTEM WARNING MESSAGE 5249---,
ELEMENT WITH ELEMENT TYPE %1 NOT FOUND IN TABLE OF ELEMENTS /GPTA1 /.

5250.0 *** USER FATAL MESSAGE 5250,
RAISING A NEGATIVE NUMBER TO A NON-INTEGER EXPONENT IS NOT ALLOWED.
User information:
The DIAGONAL module allows raising terms in matrices to non-integer exponents with the WHOLE option. Whenever the matrix terms are negative, the exponentiation fails. The PARAMR module performs a similar function with real parameters and the POWER option.
These special applications may be performed by alternate DMAP modules

depending upon the exponentiation the user wishes.
This can also be issued if the time increment is too large in transient response-specify a smaller time increment.

5251.0 *** SYSTEM FATAL MESSAGE 5251 (ADG)
INSUFFICIENT OPEN CORE FOR DOWNWASH MATRIX GENERATION.

5252.0 *** SYSTEM FATAL MESSAGE 5252 (ADG)
INCORRECT FORM OF INPUT DATA BLOCK %1 (FILE %2) FOR DOWNWASH MATRIX GENERATION IN ADG MODULE.
System information:
Check AESURF entries for references to undefined coordinate systems. Check AELIST entries for references to nonexistent boxes. Also, box identification numbers on the AELIST entry should be greater than all grid identification numbers.

5253.1 *** SYSTEM FATAL MESSAGE 5253 (ADG)
INCORRECT FORM OF AESTAT ,AESURF, AEROS OR AELIST CARD IN EDT.
System information:
Check the aforementioned Bulk Data entries for correctness.

5254.0 *** SYSTEM FATAL MESSAGE 5254 (OPTGPH)
UNABLE TO OPEN GEOM1.

5254.1 *** SYSTEM FATAL MESSAGE 5254 (ADG)
UNABLE TO OPEN THE INPUT DATABLOCK EDT.

5255.0 *** USER FATAL MESSAGE 5255 (ADG)
THE REQUIRED INPUT DATA BLOCK %1 (FILE %2) DOES NOT EXIST (IS PURGED).

5256.0 *** USER FATAL MESSAGE 5256 (ADG)
NO AESTAT ENTRIES WERE FOUND IN THE EDT.
USER INFORMATION: AESTAT ENTRIES ARE REQUIRED TO DEFINE RIGID BODY MOTIONS.

5257.0 *** USER FATAL MESSAGE 5257
DIVERG BULK DATA ENTRY WITH ID %1 DOES NOT EXIST.

5257.1 *** USER FATAL MESSAGE 5257 (ASGPRD)
TRIM BULK DATA ENTRY WITH ID %1 DOES NOT EXIST.

5257.3 *** USER FATAL MESSAGE 5257 (AELOOP)
TRIM BULK DATA ENTRY WITH ID %1 DOES NOT EXIST.

5258.0 *** USER WARNING MESSAGE 5258,
UNSUPPORTED NOLINI CARD ENCOUNTERED FOR SET%1 IN NON-LINEAR TRANSIENT.
User information:
The Nonlinear Transient Module NLTRD does not support the NFTUBE and NOLIN5 entries.

5260.0 *** USER WARNING MESSAGE 5260 (SDP)
DIVISION BY ZERO, USING MACH NUMBER, REFERENCE SPAN, CHORD, OR AREA
User information:
The AEROS entry or the TRIM entry includes a zero value for one of the above parameters.
Check input parameters.

5264.0 *** USER FATAL MESSAGE 5264 (ASGLAB)
TRIM/AELINK BULK DATA ENTRY REFERENCES LABEL %1 WHICH IS UNDEFINED ON AN AESTAT, AESURF OR AEPARM ENTRY.

5264.1 *** USER FATAL MESSAGE 5264 (UXVGEN)
UXVEC BULK DATA ENTRY REFERENCES LABEL %1 WHICH IS UNDEFINED ON AN AESTAT, AESURF OR AEPARM ENTRY.

5265.0 *** USER FATAL MESSAGE 5265 (ASG)
TOO LITTLE DATA ON TRIM OR AELINK BULK DATA ENTRIES.

5266.0 *** USER FATAL MESSAGE 5266 (ASGPRD)
TOO MUCH DATA ON TRIM OR AELINK BULK DATA ENTRIES.

5267.0 *** USER FATAL MESSAGE 5267 (ASGLD)
ZXX MATRIX IS SINGULAR. TRIM AND AELINK ENTRIES SPECIFY AN INADEQUATE CONSTRAINT SET.

5269.0 *** USER WARNING MESSAGE 5269 (ASDR)
REQUESTED ASDR OUTPUT SET%1 IS NOT PRESENT
User information:
The output set identified on the APRES or AEROF entry is not present.
Modify the ID requested on the AEROF or APRES entry, or supply an output set with an ID matching the on on the AEROF or APRES entry.

5270.0 *** USER FATAL MESSAGE 5270 (ETETD)
ZERO ELEMENT VOLUME DETECTED FOR ELEMENT WITH ID = %1
User information:
This message occurs when a zero volume is calculated for the TETRA element using the four corner points. Probably the TETRA has all four points lying on a plane.
Geometry must be corrected.

5271.0 *** USER FATAL MESSAGE 5271 (ETETD)
FOR TETRA ELEMENT ID = %1, THE RATIO OF LONGEST EDGE TO SHORTEST ALTITUDE EXCEEDS %2
USER ACTION: THE TOLERANCE MAY BE ADJUSTED WITH TETRAAR KEYWORD ON THE NASTRAN STATEMENT.
User information:
This occurs as a warning when there is a folded or shallow CTETRA element. Results are suspect because the aspect ratio is not favorable.
If region being modeled is important, remeshing may be needed.

5272.0 *** USER FATAL MESSAGE 5272

PLASTICITY MODULUS MUST BE LESS THAN THE ELASTICITY MODULUS FOR TABLE ID %1.
User information:
Ensure that the slope of the stress-strain curve in the plastic region does not exceed the elasticity modulus.
Check the stress strain curve for the specific Table-ID.

5273.0 *** USER FATAL MESSAGE 5273 (EPYRGC)
ZERO ELEMENT VOLUME DETECTED FOR ELEMENT WITH ID = %1
User information:
This message occurs when a zero volume is calculated for the PYRAMID element using the five corner points. Probably the PYRAMID has all five points lying on a plane.
Geometry must be corrected.

5273.1 *** USER FATAL MESSAGE 5273 (EPYRGC)
ZERO QUAD AREA DETECTED FOR PRYAMID ELEMENT WITH ID = %1
User information:
This message occurs when a zero quad area is calculated for the PYRAMID element.
Geometry must be corrected.

5274.0 *** USER INFORMATION MESSAGE 5274,
THE ACTUAL TIME OF EIGENVECTOR GENERATION IS:%1
User information:
The time spent in the major operations of the real eigensolution module are output. Note that the number of eigenvectors requested has a large effect on solution cost.

5274.1 *** USER INFORMATION MESSAGE 5274,
THE ACTUAL TIME OF EIGENVALUE ITERATION IS:%1
User information:
The time spent in the major operations of the real eigensolution module are output. Note that the number of eigenvectors requested has a large effect on solution cost.

5274.2 *** USER INFORMATION MESSAGE 5274,
THE ACTUAL TIME OF PARALLEL MHOUSEHOLDER TRIDIAGONALIZATION IS:%1
User information:
The time spent in the major operations of the real eigensolution module are output. Note that the number of eigenvectors requested has a large effect on solution cost.

5274.3 *** USER INFORMATION MESSAGE 5274,
THE ACTUAL TIME OF MHOUSEHOLDER TRIDIAGONALIZATION IS:%1
User information:
are output. Note that the number of eigenvectors requested has a

large effect on solution cost.

5274.4 *** USER INFORMATION MESSAGE 5274,
THE ACTUAL TIME OF PARALLEL HOUSEHOLDER
TRIDIAGONALIZATION IS:%1
User information:
are output. Note that the number of eigenvectors requested has a
large effect on solution cost.

5274.5 *** USER INFORMATION MESSAGE 5274,
THE ACTUAL TIME OF HOUSEHOLDER TRIDIAGONALIZATION
IS:%1
User information:
are output. Note that the number of eigenvectors requested has a
large effect on solution cost.

5274.6 *** USER INFORMATION MESSAGE 5274,
THE ACTUAL TIME OF MGIVENS TRIDIAGONALIZATION IS:%1
User information:
are output. Note that the number of eigenvectors requested has a
large effect on solution cost.

5274.7 *** USER INFORMATION MESSAGE 5274,
THE ACTUAL TIME OF GIVENS TRIDIAGONALIZATION IS:%1
User information:
are output. Note that the number of eigenvectors requested has a
large effect on solution cost.

5274.8 *** USER INFORMATION MESSAGE 5274.
SPILL OCCURRED FOR THIS PROBLEM AT COLUMN NUMBER :%1 .

5275.0 *** SYSTEM WARNING MESSAGE 5275---
***** MRGOFP NEEDS MAXTYP INCREASED ABOVE%1 *****

5276.0 *** USER WARNING MESSAGE 5276 (EQD8D)
ELEMENT %1 HAS TOO MUCH CURVATURE AND MAY YIELD
POOR ANSWERS.
USER ACTION: THE TOLERANCE MAY BE ADJUSTED WITH
Q8T6_ANG KEYWORD ON THE NASTRAN STATEMENT.
User information:
The element listed has an angle greater than a tolerance between normals
to some corner grid points. The default value for the tolerance is 30 degrees.
This can lead to excessively low stiffness.
Use a finer mesh size to reduce the angles between the normals.

5278.0 ***USER FATAL MESSAGE 5278,
INPUT FILE,%1 NOT PROPER OR TAPE BIT NOT SET. FBS CHKPT
OPTION CANNOT EXECUTE.

5279.0 ***USER INFORMATION MESSAGE 5279,
FBS RESTARTED AT COLUMN NUMBER %1

5280.0 ***USER INFORMATION MESSAGE 5280,

FBS CHECKPOINT ON %1,PASS%2 COMPLETE, LAST COL NBR =%3

5281.0 *** USER WARNING MESSAGE 5281 (FA1PKE)
THE PK METHOD OF FLUTTER ANALYSIS HAS FOUND REDUCED FREQUENCY VALUES OUTSIDE THE RANGE OF
REDUCED FREQUENCIES USED FOR INTERPOLATION.
User information:
The MKAEROi entry has reduced frequency values specified for interpolation.
If complex eigenvalues are found that have an associated reduced frequency outside the range on the MKAEROi entries then convergency may not be obtained. If it fails to converge and the k is outside the range the remaining eigenvalue will be skipped. Increase the range of reduced frequency on the MKAEROi entries.

5288.0 *** USER FATAL MESSAGE 5288,
NO ROOT EXISTS ABOVE FMIN.
User information:
This message occurs when the eigenproblem of finding any number of roots above FMIN is expected, but the Sturm number indicates that there is no root above FMIN. Reduce FMIN in order to attempt to find a root.

5289.0 *** USER FATAL MESSAGE 5289 (WRGMTD)
DEPENDENT DEGREE-OF-FREEDOM GRID ID =%1 AND
COMPONENT =%2 APPEARS ON MORE THAN ONE MPC OR RIGID ELEMENT ENTRY.
User information:
An MPC entry or rigid element entry lists the same dependent grid point more than once.

5289.1 *** USER FATAL MESSAGE 5289 (WRGMTD)
AN MPC OR RIGID ELEMENT BULK DATA ENTRY WITH
DEPENDENT DEGREE-OF-FREEDOM GRID ID =%1 AND
COMPONENT =%2 CONTAINS
AN INDEPENDENT DEGREE-OF-FREEDOM --GRID ID =%3 AND
COMPONENT =%4-- THAT IS SPECIFIED MORE THAN ONCE.
User information:
No DEGREE-OF-FREEDOM may be specified more than once on the same entry.
List each independent grid point once per entry.

5289.2 *** USER FATAL MESSAGE 5289 (WRGMTD)
AN MPC OR RIGID ELEMENT BULK DATA ENTRY WITH
DEPENDENT DEGREE-OF-FREEDOM GRID ID =%1 AND
COMPONENT =%2
IS ALSO SPECIFIED AS AN INDEPENDENT DEGREE-OF-FREEDOM.
User information:
No DEGREE-OF-FREEDOM may be specified more than once on the same entry.

5289.3 *** USER FATAL MESSAGE 5289 (WRGMTD)
AN MPC OR RIGID ELEMENT BULK DATA ENTRY WITH
DEPENDENT DEGREE-OF-FREEDOM GRID ID =%1 AND
COMPONENT =%2
HAS AN M-SET VALUE OF %3 WHICH IS NEARLY ZERO AND IS
LIKELY TO CAUSE NUMERICAL ERRORS.
OVERRIDE WITH EXTREME CAUTION WITH SYSTEM CELL 461.
User information:
Select a different degree-of-freedom for m-set

5289.4 *** USER WARNING MESSAGE 5289 (WRGMTD)
AN MPC OR RIGID ELEMENT BULK DATA ENTRY WITH
DEPENDENT DEGREE-OF-FREEDOM GRID ID =%1 AND
COMPONENT =%2
HAS AN M-SET VALUE OF %3 AND MAY CREATE NUMERICAL
PROBLEMS.
User information:
Select a different degree-of-freedom for m-set

5290.0 *** USER FATAL MESSAGE 5290 (GPSP)
EXTERNAL ID =%1 DOF =%2 IS IN THE Q-SET, BUT HAS A
STIFFNESS TERM BEFORE REDUCTION.
User information:
The q-set is reserved for generalized coordinates. In superelement analysis, each superelement must have a unique set of variables specified for its q-set. Remove any elements connected to q-set points and provide a unique set of degrees of freedom for each superelement that has generalized coordinates. See also the description of parameter ERROR in Section 6 of the NX NASTRAN Quick Reference Guide.

5291.0 *** USER WARNING MESSAGE 5291 (GPSP)
EXTERNAL ID %1, REFERENCED ON AN SPCOFFI ENTRY, DOES
NOT EXIST.

5293.1 *** USER INFORMATION MESSAGE 5293
FOR DATA BLOCK %1
LOAD SEQ. NO. EPSILON EXTERNAL WORK EPSILONS LARGER
THAN %2 ARE FLAGGED WITH ASTERISKS
User information:
One line of output is printed for each static loading condition.
Small values of EPSILON are due to accumulated round-off error. Large values of EPSILON indicate possible singularities in the stiffness matrix. See Section 9.5.1.

5293.3 *** USER INFORMATION MESSAGE 5293 (SSM10D)
ERROR RATIO FOR LARGEST EPSILON VALUE IN FIRST TEN
SOLUTIONS:
LOAD SEQ. NO. EPSILON EXTERNAL WORK EPSILONS LARGER
THAN %1 ARE FLAGGED WITH ASTERISKS

5293.4 *** USER INFORMATION MESSAGE 5293 (SSM10D)
LOAD SEQ. NO. EPSILON EXTERNAL WORK EPSILONS LARGER THAN %1 ARE FLAGGED WITH ASTERISKS
User information:
One line of output is printed for each static loading condition.
Small values of EPSILON are due to accumulated round-off error. Large values of EPSILON indicate possible singularities in the stiffness matrix. See Section 9.5.1.

5293.5 *** USER INFORMATION MESSAGE 5293 (SSM10D)
ERROR RATIO(S) FOR FIRST %1 SOLUTIONS:
LOAD SEQ. NO. EPSILON EXTERNAL WORK EPSILONS LARGER THAN %2 ARE FLAGGED WITH ASTERISKS

5293.11 *** USER INFORMATION MESSAGE 5293
FOR DATA BLOCK %1
LOAD SEQ. NO. EPSILON EXTERNAL WORK
User information:
One line of output is printed for each static loading condition.
Small values of EPSILON are due to accumulated round-off error. Large values of EPSILON indicate possible singularities in the stiffness matrix. See Section 9.5.1.

5293.13 *** USER INFORMATION MESSAGE 5293
FOR DATA BLOCK %1
LOAD SEQ. NO. EPSILON EXTERNAL WORK
User information:
One line of output is printed for each static loading condition.
Small values of EPSILON are due to accumulated round-off error. Large values of EPSILON indicate possible singularities in the stiffness matrix. See Section 9.5.1.

5297.0 *** USER FATAL MESSAGE 5297 (EDTL)
DEFORM LOAD IS ONLY APPLICABLE TO SOL 101, 105, 114, AND 200 WITH STATICS OR BUCKLING ANALYSIS TYPE.
User information:
Use SPCD to apply enforced displacements in solution sequences for which DEFORM does not apply.

5298.1 *** USER WARNING MESSAGE 5298 (EDTL)
UNDEFINED THERMAL OR DEFORM LOAD SET %1

5298.2 *** USER FATAL MESSAGE 5298,
ILLEGAL KSYM OPTION ENCOUNTERED IN
MODULE %1.

5299.0 *** SYSTEM FATAL MESSAGE 5299.
I/O ERROR WHEN WRITING FINAL STARTING BLOCK

5299.1 *** SYSTEM FATAL MESSAGE 5299.
UNRECOVERABLE TERMINATION FROM LANCZOS ITERATION
INTERNAL ERROR CODE = %1 USER ERROR RETURN = %2

5299.2 *** SYSTEM FATAL MESSAGE 5299.
IMPROPER PARAMETER SPECIFICATION FOR LANCZOS

5299.3 *** SYSTEM FATAL MESSAGE 5299.
TRUST REGION OVERFLOW IN BLOCK SHIFTED LANCZOS.

5299.4 *** SYSTEM FATAL MESSAGE 5299.
RESTORATION OF FACTORIZATION ERROR

5299.5 *** SYSTEM FATAL MESSAGE 5299.
FACTORIZATION ERROR ON THREE CONSECUTIVE SHIFTS

5299.6 *** SYSTEM FATAL MESSAGE 5299.
INSUFFICIENT STORAGE FOR BLOCK SHIFTED LANCZOS.
WORKSPACE AVAILABLE = %1 WORKSPACE REQUIRED = %2

5299.7 *** SYSTEM FATAL MESSAGE 5299.
STARTING BLOCK COMPUTATION ERROR

5299.8 *** SYSTEM FATAL MESSAGE 5299.
FACTORIZATION ERROR AT A BOUNDARY SHIFT.
POTENTIAL FIXES:
IF LOWER BOUND IS ZERO USE A SMALL NEGATIVE VALUE.
IF LOWER BOUND IS A SMALL NEGATIVE VALUE DECREASE IT.
ELIMINATE MASSLESS MECHANISMS THE MODEL MAY CONTAIN.

5299.9 *** SYSTEM FATAL MESSAGE 5299 (LANCZ).
INSUFFICIENT STORAGE FOR BLOCK SHIFTED LANCZOS.
WORKSPACE AVAILABLE = %1 WORKSPACE REQUIRED = %2

5400.0 *** USER FATAL MESSAGE 5400 (REIGL)
INCORRECT RELATIONSHIP BETWEEN FREQUENCY LIMITS.

5401.0 *** SYSTEM FATAL MESSAGE 5401 (REIGL)
LANCZOS METHOD IS UNABLE TO FIND ALL EIGENVALUES IN RANGE.
ACCEPTED EIGENVALUES AND ADDITIONAL ERROR MESSAGES MAY BE LISTED ABOVE.
A POSSIBLE CAUSE IS THE OCCURENCE OF HIGH MAXRATIOS ABOVE.
USER ACTION: RERUN WITH ANOTHER METHOD OR ANOTHER SETTING ON EIGRL ENTRY
OR CHECK MODEL FOR MECHANISMS IF HIGH MAXRATIOS EXIST.
System information:
This message can be issued if insufficient memory is available for Lanczos with sparse decomposition. It can also be issued if UFM 5299 occurs. See the NX NASTRAN Numerical Methods User's Guide.
This condition can be related to the occurrence of UWM 5411.

5401.1 *** SYSTEM WARNING MESSAGE 5401 (LANCZ).
LANCZOS METHOD IS UNABLE TO FIND ALL EIGENVALUES IN RANGE.
ACCEPTED EIGENVALUES AND ADDITIONAL ERROR MESSAGES

MAY BE LISTED ABOVE.
USER ACTION: RERUN WITH ANOTHER METHOD OR DIFFERENT SETTINGS FOR F1, F2, AND/OR NDES.
System information:
This message can be issued if insufficient memory is available for Lanczos with sparse decomposition. It can also be issued if UFM 5299 occurs. See the NX NASTRAN Numerical Methods User's Guide.
This condition can be related to the occurrence of UWM 5411.

5402.0 ***USER WARNING MESSAGE 5402----
THE PROBLEM HAS AN EMPTY STIFFNESS MATRIX.
User information:
The problem requires a stiffness matrix. Verify that property entries are specified correctly.

5403.0 CPU TIME AT START OF LANCZOS ITERATION%1
User information:
Since several Lanczos iterations may be executed during one application of the Lanczos method (each shift is followed by at least one iteration), this information is given to measure the time required for the individual iterations.

5403.1 *** USER INFORMATION MESSAGE 5403 (LNNRIGL)
BREAKDOWN OF CPU USAGE DURING LANCZOS ITERATIONS:
OPERATION REPETITIONS TIMES (SEC): MAXIMUM MINIMUM AVERAGE TOTAL
FBS (BLOCK SIZE=%1) %2 %3 %4 %5 %6
MATRIX-VECTOR MULTIPLY %7 %8 %9 %10 %11
SHIFT AND FACTOR %12 %13 %14 %15 %16
LANCZOS RUN %17 %18 %19 %20 %21

5403.2 *** USER INFORMATION MESSAGE 5403 (CLASDD)
BREAKDOWN OF CPU USAGE DURING COMPLEX LANCZOS ITERATIONS:
OPERATION REPETITIONS TIMES (SEC): AVERAGE TOTAL
SHIFT AND FACTOR %1 %2 %3
MATRIX-VECTOR MULTIPLY & FBS %4 %5 %6
REORTHOGONALIZATION %7 %8 %9
SOLVE BLOCK TRIDIAGONAL PROBLEM %10 %11 %12
EIGENVECTORS AND RESIDUALS %13 %14 %15

5404.0 *** USER WARNING MESSAGE 5404,
NEGATIVE MODAL MASS TERM IS ENCOUNTERED DURING INVERSE ITERATION PROCESS ABORTED.
User information:
The modal mass matrix should have unit diagonal terms (for mass normalization). Negative terms may indicate negative eigenvalues. If these negative terms are computational zeroes (rigid-body modes, for example), then the negative terms are acceptable. If the negative terms are finite values, there may be a modeling problem.

5405.0 TERMINATION MESSAGE : ERROR %1 OCCURRED DURING ITERATION.
User information:
This message marks the breakdown of the inverse iteration process. See the NX NASTRAN Numerical Methods User's Guide for additional values and actions.
Y Value User Action
-11 File open error in interface; This error should not occur; see GINO error message. report error to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
-12 File open error in post pro- This error should not occur; processing; see GINO error report error to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
message.
-13 File read error; see GINO This error should not occur; error message. report error to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
-21 Insufficient space for block- Increase memory size = 1.
-22 Three consecutive factorizations Possible ill-conditioning; failed at a shift. check model.
-23 Lanczos internal table overflow Specify smaller internal; due to enormous number of shifts. may be necessary to have several runs.
-31 Internal error in Lanczos (REIGL) This error should not occur; module. report error to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
-32 No convergence in solving the Possible ill-conditioning; tridiagonal problem. check model.
-33 Too many eigenvalues found; Check the orthogonality of the inconsistency between roots eigenvectors; if it is good, found and sturm number. then igoring this warning.

5406.0 *** USER WARNING MESSAGE 5406 (LNCR8D)
NO CONVERGENCE IN SOLVING THE TRIDIAGONAL PROBLEM.
User information:
This message signals eigensolution problems in the Lanczos method. There is possible ill-conditioning; check your model.

5406.1 *** SYSTEM FATAL MESSAGE 5406 (LNNHERR)
INTERNAL FAILURE IN THE LANCZOS PROCEDURE:
TRIDIAGONAL QL PROCEDURE FAILED TO CONVERGE.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5407.0 *** SYSTEM FATAL MESSAGE 5407 (LNCS1D)
INERTIA (STURM SEQUENCE) COUNT DISAGREES WITH THE NUMBER OF MODES ACTUALLY COMPUTED IN A (PARTIAL)

INTERVAL
USER ACTION: THE FOLLOWING CHANGES TO THE EIGRL CARD MAY HELP TO SOLVE THIS PROBLEM
1. INCREASE MAXSET.
2. IF F1 IS GIVEN AS ZERO, LEAVE IT BLANK.
3. IF F1 AND F2 ARE BOTH GIVEN, LEAVE F2 BLANK AND SPECIFY A VALUE FOR ND.

5407.1 *** SYSTEM WARNING MESSAGE 5407 (LNCCKD)
INERTIA (STURM SEQUENCE) COUNT DISAGREES WITH THE NUMBER OF MODES ACTUALLY COMPUTED IN A (PARTIAL) INTERVAL
System information:
This message shows a serious problem. Spurious modes were found in the Lanczos method. Check the multiplicity of the roots given in the interval. See the NX NASTRAN Numerical Methods User's Guide.

5408.0 *** SYSTEM WARNING MESSAGE 5408.
FACTORIZATION FAILED. SHIFT CHANGED TO %1
System information:
No user action to be taken. This message occurs only for the Lanczos method.

5409.0 *** USER INFORMATION MESSAGE 5409 (NL2CON)
*** INTERNAL DEGREES OF FREEDOM FOR %1 ELEMENT(S) FAILED TO CONVERGE
User information:
Reduce the load increment.

5410.0 *** USER FATAL MESSAGE 5410 (IFP7)
PBCOMP AND PBEAM IDENTIFICATION %1 WAS DUPLICATED
User information:
Property identification numbers for the PBCOMP and PBEAM entries must be unique.
Check bulk data and ensure that PIDS for PBCOMP and PBEAM entries are not duplicated.

5410.1 *** USER FATAL MESSAGE 5410
DUPLICATE PROPERTY ID NUMBERS = %1 FOR PSOLID AND PLSOLID OR PSHELL AND PLPLANE
OR PSOLID AND PCOMPS OR PPLANE AND PGPLSN ARE NOT PERMITTED.

5411.0 *** USER WARNING MESSAGE 5411
NEGATIVE TERM ON DIAGONAL OF MASS(VIBRATION) OR STIFFNESS(BUCKLING) MATRIX DETECTED.
ROW NUMBER = %1 VALUE = %2
User information:
The message is given from the REIGL module which performs a necessary (but not sufficient) check on the positive semi-definiteness of the

indicated matrix. Look for evidence of negative mass, such as minus signs on input. Negative terms on the factor of the indicated matrix must be removed for correct answers.
Something has caused a negative term on the diagonal of the mass or stiffness matrix. Look for explicitly defined negative mass and/or stiffness terms. Also, check the continuation entries on the PBEAM entry. An incorrect entry for the SO field may lead to improper mass definition. For example, if SO is set to NO at a particular X/XB location, the continuation entry for defining four stress locations on the cross section (C, D, E, F) is not used. If SO is NO but the C, D, E, and F points are entered in error, negative mass terms can result if either E1 or E2 entries are entered. The offending DOF can be traced using the USET tables.
The Lanczos method gives wrong answers for indefinite matrices. The existence of negative diagonal terms indicates a subclass of indefinite matrix.
See the NX NASTRAN Numerical Methods User's Guide for more information.

5412.0 *** USER FATAL MESSAGE 5412
IMPLAUSIBLE NONLINEAR ELASTIC MATERIAL USED
STRESS = %1 STRAIN = %2 STRESS = %3 STRAIN = %4
User information:
If the product of the stress and the strain is negative, this fatal message will result.

5413.0 *** USER FATAL MESSAGE 5413 (IFP7)
PRODUCT OF MOMENTS OF INERTIA I1 AND I2 SHOULD EXCEED THE SQUARE OF I12 FOR PBCOMP ENTRY WITH PID %1
User information:
This limitation is consistent with the existing beam. If the condition is not enforced the stiffness matrix for the generated beam element will be ill-defined.
Check values of l1, l2, and l12 on the PBCOMP entry.

5414.0 *** SYSTEM FATAL MESSAGE 5414 (IFP9)
ABNORMAL END OF PBEAML RECORD ENCOUNTERED ON DATA BLOCK %1

5414.1 *** SYSTEM FATAL MESSAGE 5414 (IFP9)
ABNORMAL END OF PBARL RECORD ENCOUNTERED ON DATA BLOCK %1
System information:
End of record encountered where there should not be any. Could be hardware or computer system problem. Print the data block to see if it is plausible.
If no hardware error suspected, send run to SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5414.2 *** USER INFORMATION MESSAGE 5414 (IFP7)

NO ELEMENTS REFERENCE PBCOMP BULK DATA ENTRIES.

5415.0 *** SYSTEM FATAL MESSAGE 5415 (IFP7)
ABNORMAL END OF PBCOMP RECORD ENCOUNTERED ON DATA BLOCK %1

5416.0 *** USER FATAL MESSAGE 5416 (EQDRD)
CONGRUENCY IS NOT PERMITTED FOR NONLINEAR ANALYSIS.
CHECK QUADR ELEMENT WITH ID=%1

5416.1 *** USER FATAL MESSAGE 5416. (EQD4D)
CONGRUENCY IS NOT PERMITTED FOR NONLINEAR ANALYSIS.
CHECK QUAD4 ELEMENT WITH ID =%1

5417.1 *** USER FATAL MESSAGE 5417 (EQDRD)
THICKNESS SPECIFIED FOR QUADR ELEMENT WITH ID=%1
RESULTS IN COMPUTED ZEROS.
User information:
Moment of inertia is a function of thickness cubed. If thickness specified is too small, moment of inertia terms are computed to be zeros. This error is computer dependent because computed zeros are a function of machine precision.
Increase the thickness.

5417.2 *** USER FATAL MESSAGE 5417. (EQD4D)
THICKNESS SPECIFIED FOR QUAD4 ELEMENT WITH ID=%1RESULTS IN COMPUTED ZEROS.

5418.0 *** USER FATAL MESSAGE 5418 (IFS4P)
ILLEGAL DUPLICATION ON RANDPS ENTRIES.
User information:
This message is issued if J, K, and X are all duplicated on the next RANDPS entry.
This can also occur if there are additional RANDPS entries in the Bulk Data that are not referenced in Case Control. Remove the extra RANDPS entries from the Bulk Data.

5419.0 *** USER FATAL MESSAGE 5419 (TA1C)
GENEL CARD %1 CONTAINS DUPLICATE GRID AND COMPONENT ID NUMBERS

5419.1 *** USER FATAL MESSAGE 5419 (GP2)
GENEL CARD ID=%1 MISSING DATA

5419.2 *** USER FATAL MESSAGE 5419 (MODGM2)
STRUCTURAL ELEMENT %1 ID =%2 IS ATTACHED TO A FLUID GRID POINT ID =%3

5419.3 *** USER INFORMATIONAL MESSAGE 5419 (GP2)
NUMBER OF SHELL ELEMENTS WITH THICKNESS SCALING =%1

5419.4 *** USER FATAL MESSAGE 5419 (MODGM2)
FLUID ELEMENT %1 ID =%2 IS ATTACHED TO A STRUCTURAL GRID POINT ID =%3

5420.0 *** SYSTEM WARNING MESSAGE 5420 (SEP2)
SUPERELEMENT %1 HAS NO EXTERIOR POINTS.

5421.0 *** USER FATAL MESSAGE 5421
THE VALUES FOR M2GG, B2GG, K2GG, P2G, K42GG, AND A2GG MUST BE REAL
User information:
When K2GG, B2GG, M2GG, K42GG, A2GG, or P2G is used, no complex DMIG
entries may exist in the Bulk Data, even if they are not used. The only avoidance is to enter the complex matrix as two real matrices, one containing the real terms and the other containing the imaginary terms, and then adding them via DMAP.

5422.0 *** USER WARNING MESSAGE 5422 .
PLATE ELEMENTS WITH ALL MIDSIDE NODES DELETED GIVE POOR RESULTS.

5423.0 *** USER FATAL MESSAGE 5423 (SMPYAD)
ATTEMPT TO MULTIPLY OR ADD INCOMPATIBLE MATRICES
COLS ROW FORM TYPE NZWD DENS

5423.1 *** USER FATAL MESSAGE 5423---
ATTEMPT TO ADD INCOMPATIBLE MATRICES, (SADD5)

5423.2 ATTEMPT TO ORTHOGONALIZE INCOMPATIBLE MATRICES
ID COLS ROWS FORM TYPE NZWD DENS
TRAILER FOR %1 IS %2
TRAILER FOR %3 IS %4

5423.3 *** USER FATAL MESSAGE 5423---
ATTEMPT TO MULTIPLY INCOMPATIBLE MATRICES
COLS ROWS FORM TYPE NZWD DENS
TRAILER FOR %1 IS%2
TRAILER FOR %3 IS%4
TRAILER FOR %5 IS%6
TRANSPOSE FLAG IS%7

5423.4 *** USER FATAL MESSAGE 5423---
ATTEMPT TO ADD INCOMPATIBLE MATRICES, (FRSAD5)

5423.5 *** USER FATAL MESSAGE 5423 (SDR4B)
ATTEMPT TO MERGE INCOMPATIBLE MATRICES
ID COLS ROWS FORM TYPE NZWD DENS
TRAILER FOR %1 IS%2
TRAILER FOR %3 IS%4

5423.6 *** SYSTEM FATAL MESSAGE 5423 (MTMD34)
ATTEMPT TO COMBINE INCOMPATIBLE MATRICES
ID COLS ROWS FORM TYPE NZWD DENS
TRAILER FOR %1 IS%2
TRAILER FOR %3 IS%4

5423.7 *** SYSTEM FATAL MESSAGE 5423 (SDR4BA)
ATTEMPT TO MERGE INCOMPATIBLE MATRICES
ID COLS ROWS FORM TYPE NZWD DENS
TRAILER FOR %1 IS%2
TRAILER FOR %3 IS%4
TRAILER FOR %5 IS%6
TRAILER FOR %7 IS%8

5423.8 *** SYSTEM FATAL MESSAGE 5423 (APPEND)
ATTEMPT TO APPEND INCOMPATIBLE MATRICES
ID COLS ROWS FORM TYPE NZWD DENS
TRAILER FOR %1 IS%2
TRAILER FOR %3 IS%4

5424.0 *** USER FATAL MESSAGE 5424. (GP3C)
PLOADX1 LOAD SET =%1 REFERENCES ELEMENT ID =%2
WHICH WAS NOT FOUND AMONG THE TRIAX6 OR THE
HYPERELASTIC TRIAX AND QUADX ELEMENTS IN THE PROBLEM.

5424.1 *** USER FATAL MESSAGE 5424. (GP3C)
PLOADE1 LOAD SET =%1 REFERENCES ELEMENT ID =%2
WHICH WAS NOT FOUND AMONG THE CPLSTN3, CPLSTN4,
CPLSTN6, CPLSTN8,
CPLSTS3, CPLSTS4, CPLSTS6, CPLSTS8 ELEMENTS.

5425.0 *** USER FATAL MESSAGE 5425. (GP3C)
PLOADX1 LOAD SET =%1. TRIAXFD ELEMENT%2
DOES NOT CONTAIN GRID%3 AS A CORNER GRID

5425.1 *** USER FATAL MESSAGE 5425. (GP3C)
PLOADX1 LOAD SET =%1. TRIAX6 ELEMENT%2
DOES NOT CONTAIN GRID%3 AS A CORNER GRID

5425.2 *** USER FATAL MESSAGE 5425. (GP3C)
PLOADX1 LOAD SET =%1. QUADXFD ELEMENT%2
DOES NOT CONTAIN GRID%3 AS A CORNER GRID

5425.3 *** USER FATAL MESSAGE 5425. (GP3C)
PLOADX1 LOAD SET =%1. TRIAXI6 ELEMENT%2
DOES NOT CONTAIN GRID%3 AS A CORNER GRID

5425.4 *** USER FATAL MESSAGE 5425. (GP3C)
PLOADX1 LOAD SET =%1. TRIAXI3 ELEMENT%2
DOES NOT CONTAIN GRID%3 AS A CORNER GRID

5425.5 *** USER FATAL MESSAGE 5425. (GP3C)
PLOADX1 LOAD SET =%1. QUADAX8 ELEMENT%2
DOES NOT CONTAIN GRID%3 AS A CORNER GRID

5425.6 *** USER FATAL MESSAGE 5425. (GP3C)
PLOADX1 LOAD SET =%1. QUADAX4 ELEMENT%2
DOES NOT CONTAIN GRID%3 AS A CORNER GRID

5426.0 *** USER WARNING MESSAGE 5426,

DEFORM BULK DATA CARDS REFERENCED BY DEFORM CASE CONTROL COMMAND ARE NOT DEFINED.
THE REQUEST FOR STRESSES AND/OR FORCES IS IGNORED.

5427.0 *** USER INFORMATION MESSAGE 5427 --
ENTERING LINK 16 DUMMY MODULE #1 ***

5428.0 *** USER INFORMATION MESSAGE 5428 --
ENTERING LINK 16 DUMMY MODULE #2 ***

5429.0 *** USER FATAL MESSAGE 5429 (REIGL)
INSUFFICIENT TIME TO FINISH LANCZOS ITERATION.
ESTIMATED TIME TO COMPLETE LANCZOS RUN IS %1 SECOND(S).
User information:
There is not enough time remaining to complete the analysis based on an estimate of how long the Lanczos iteration will take. Increase the value on the TIME statement in the Executive Control Section and rerun. In order to ensure that the run can be competed, overestimate the TIME value and do not rely on estimates or on actual times from a similar model.

5430.0 *** USER FATAL MESSAGE 5430 (APD2)
CAERO2 ENTRY ID = %1 THAT REFERENCES THE PAERO2 ENTRY ID = %2,
HAS EITHER AN INCONSISTENT USE FOR THIi OR THNi OR,
THE LTH2 FIELD IS REQUIRED.

5431.0 *** USER FATAL MESSAGE 5431 (APD2)
THI1 AND THN1 REQUIRED FOR CAERO2 %1

5432.0 *** USER FATAL MESSAGE 5432 (APD2)
CAERO2 BODY ENTRY ID = %1 THAT REFERENCES THE PAERO2 ENTRY ID = %2,
THAT REFERENCES THE AEFACT ENTRY ID = %3, DOES NOT HAVE ENOUGH SLENDER ELEMENTS.
USER INFORMATION: AT LEAST 2 SLENDER ELEMENTS ARE REQUIRED.

5438.0 *** USER FATAL MESSAGE 5438 ***
FOLLOWER FORCES ARE NOT ALLOWED WITH ENFORCED MOTIONS.
User information:
The direction vector of an enforced motion is constant within a subcase. Hence, a TLOADi entry which selects an enforced motion cannot refer to a follower force load. Modify the offending TLOADi entry.

5440.0 *** USER WARNING MESSAGE 5440 (EXPMSG)
AUTHORIZATION EXPIRES WITHIN%1 MONTHS

5443.0 *** USER WARNING MESSAGE 5443 (ULANDD):
DYNAMIC MATRIX IS SINGULAR AT THE SHIFT OF %1.
User information:

This is a diagnostic message issued when performing a complex eigenvalue analysis with Lanczos. See the NX NASTRAN Numerical Analysis User's Guide.

5443.1 *** USER WARNING MESSAGE 5443 (PTNLSP):
E1 MATRIX IS SINGULAR.

5443.2 *** USER WARNING MESSAGE 5443
DYNAMIC MATRIX IS SINGULAR AT THE SHIFT OF %1

5444.0 *** USER INFORMATION MESSAGE 5444
REQUIRED NUMBER OF ROOTS HAVE BEEN FOUND.
User information:
This is a diagnostic message issued when performing a complex eigenvalue analysis with Lanczos.

5445.0 *** USER INFORMATION MESSAGE 5445 (ULANCZ):
MORE ROOTS THAN REQUIRED HAVE BEEN FOUND AT THIS SHIFT.
User information:
This is a diagnostic message issued when performing a complex eigenvalue analysis with Lanczos.

5445.1 *** USER INFORMATION MESSAGE 5445
NO ROOTS FOUND AT ALL.

5446.0 **** USER FATAL MESSAGE 5446
COMPLEX LANCZOS NEEDS %1 K MORE CORE WORDS
User information:
You need to supply more memory.

5447.0 *** USER INFORMATION MESSAGE 5447 (ULANRD):
LANCZOS PROCESS FINISHED AT STEP %1 OF THE SHIFT OF %2.

5447.1 *** USER WARNING MESSAGE 5447:
LANCZOS PROCESS ABORTED AT STEP %1 OF THE SHIFT OF %2.
User information:
This indicates a breakdown in the Lanczos method. See Chapter 7 in the NX NASTRAN Numerical Methods User's Guide.

5448.0 *** USER WARNING MESSAGE 5448 (ULANRD):
CANNOT FIND START VECTORS ORTHOGONAL TO PREVIOUSLY CALCULATED SUBSPACE AT THE SHIFT
OF %1.
User information:
When a new shift is started, the starting vectors are orthogonalized with respect to the already accepted eigenvectors of the earlier shifts (other orthogonalization). The message occurs if this process fails.

5449.0 **** USER FATAL MESSAGE 5449
UNEXPECTED EOF ENCOUNTERED %1

5450.0 **** USER FATAL MESSAGE 5450

UNEXPECTED WORD COUNT%1 %2
User information:
This should not normally occur. This is associated with input/output operations. You should clean your disk (remove unnecessary files), verify database allocations, and perform similar functions related to disk I/O.

5451.0 **** USER WARNING MESSAGE 5451
NO ROOTS FOUND AT THIS SHIFT.
User information:
See the NX NASTRAN Numerical Methods User's Guide.

5452.0 **** USER WARNING MESSAGE 5452
NO ROOTS ACCEPTED AT THIS SHIFT.
User information:
See the NX NASTRAN Numerical Methods User's Guide.

5453.0 *** USER INFORMATION MESSAGE 5453 (ULANCZ):
FEWER ROOTS THAN REQUIRED HAVE BEEN FOUND AT THIS SHIFT.
User information:
This is a diagnostic message issued when performing a complex eigenvalue analysis with Lanczos. See the NX NASTRAN Numerical Methods User's Guide.

5453.1 *** USER INFORMATION MESSAGE 5453
FEWER ROOTS THAN REQUIRED HAVE BEEN FOUND.

5454.0 *** SYSTEM FATAL MESSAGE 5454 (FRD2C)
INCOMPATIBLE MATRICES
USER INFORMATION: PROBABLE CAUSE IS DATA BLOCK QHHL IS NOT THE SAME ORDER AS KHH.
User information:
If a restart is performed where MHH, BHH, and KHH are redetermined with a change in the number of eigenvalues, the H-set will change and QHH must be reformed in the AMP module.
Re-execute the AMP module by deleting the PARAM, SKPAMP entry.

5455.0 *** USER INFORMATION MESSAGE 5455 ***
INITIAL EQUILIBRIUM IS NOT SATISFIED.
User information:
In a nonlinear transient run using the adaptive time increment with the "STATIC" option, the initial equilibrium condition (F(u) = P is not satisfied.
Examine TLOADi Bulk Data entries for an inadvertent specification of Po 0, or TIC entries for an inadvertent specification of uo 0.

5456.0 *** USER FATAL MESSAGE 5456 (NMEVD)
VALUE OF YOUNG'S MODULUS (E) IS LESS THAN OR EQUAL TO ZERO.
User information:

The effective strain is undefined unless E > 0. The computation cannot proceed without the effective strain.
The error may be in the default value on a MAT1 entry or in the tabular data on a TABLEM1 entry. An extrapolated value obtained from the tabular data may be out of bounds.

5457.0 *** USER FATAL MESSAGE 5457 (EQDRD)
NONLINEAR ANALYSIS IS NOT SUPPORTED FOR QUADR ELEMENT.
User information:
The PSHELL entry referenced by a CQUADR element may not contain references to MATS1 entries in the MIDi fields.
Replace this element with the CQUAD4 element.

5457.1 *** USER FATAL MESSAGE 5457 (Q4_MATXD)
NONLINEAR ANALYSIS IS NOT SUPPORTED FOR NEW QUAD4 ELEMENT.
User information:
The PSHELL entry referenced by a CQUAD4 element may not contain references to MATS1 entries in the MIDi fields.
Replace this element with the old CQUAD4 element.

5457.2 *** USER FATAL MESSAGE 5457 (T3_MATXD)
NONLINEAR ANALYSIS IS NOT SUPPORTED FOR NEW TRIA3 ELEMENT.
User information:
The PSHELL entry referenced by a TRIA3 element may not contain references to MATS1 entries in the MIDi fields.
Replace this element with the old TRIA3 element.

5458.0 *** USER INFORMATION MESSAGE 5458,
MODIFIED GIVENS METHOD IS FORCED BY USER .
User information:
The exact text of this message depends on the METHOD field on the selected EIGR Bulk Data entry. This message indicates the eigensolution status (all eigenvalues found, not all found, etc.).

5458.1 *** USER INFORMATION MESSAGE 5458,
MODIFIED HOUSEHOLDER METHOD IS FORCED BY USER .
User information:
The exact text of this message depends on the METHOD field on the selected EIGR Bulk Data entry. This message indicates the eigensolution status (all eigenvalues found, not all found, etc.).

5458.2 *** USER INFORMATION MESSAGE 5458,
MODIFIED GIVENS METHOD IS AUTOMATICALLY SELECTED .
User information:
The exact text of this message depends on the METHOD field on the selected EIGR Bulk Data entry. This message indicates the eigensolution status (all eigenvalues found, not all found, etc.).

5458.3 *** USER INFORMATION MESSAGE 5458,
MODIFIED HOUSEHOLDER METHOD IS AUTOMATICALLY SELECTED .
User information:
The exact text of this message depends on the METHOD field on the selected EIGR Bulk Data entry. This message indicates the eigensolution status (all eigenvalues found, not all found, etc.).

5458.4 *** USER INFORMATION MESSAGE 5458,
REGULAR GIVENS METHOD IS SELECTED .
User information:
The exact text of this message depends on the METHOD field on the selected EIGR Bulk Data entry. This message indicates the eigensolution status (all eigenvalues found, not all found, etc.).

5458.5 *** USER INFORMATION MESSAGE 5458,
REGULAR HOUSEHOLDER METHOD IS SELECTED .
User information:
The exact text of this message depends on the METHOD field on the selected EIGR Bulk Data entry. This message indicates the eigensolution status (all eigenvalues found, not all found, etc.).

5458.6 *** USER INFORMATION MESSAGE 5458,
QL HOUSEHOLDER METHOD IS AUTOMATICALLY SELECTED .
User information:
Based upon automatic selection criteria the eigensolution was changed to this method. To turn off this automatic selection, please set system cell 359 to 0. In the case of an original Lanczos method selection, setting the NE field to zero on the READ DMAP line will also turn off this automatic option.

5459.0 *** USER FATAL MESSAGE 5459 (ELTPRT)
NONUNIQUE ELEMENT ID NUMBER DETECTED. %1 ELEMENT ID =%2 DUPLICATES A %3 ELEMENT.

5460.0 *** USER WARNING MESSAGE 5460 (IFS5P)
ON PSOLID ENTRY PID=%1 FULL OR 1 IS SPECIFIED IN THE "ISOP" FIELD AND BLANK, 0, OR BUBBLE IS SPECIFIED IN THE "IN" FIELD.
USER INFORMATION: 1. THE "ISOP" FIELD WILL BE RESET TO 0.
2. IF THIS ENTRY IS REFERENCED BY CHEXA OR CPENTA ELEMENTS WITH MIDSIDE NODES,
THEN THE "IN" FIELD WILL BE RESET TO 3.
User information:
For CPENTA and CHEXA elements, when bubble function option is requested,
only reduced integration scheme is allowed.

5460.1 *** USER WARNING MESSAGE 5460 (IFS5P)
FOR PSOLID ENTRY PID=%1, A VALUE OF TWO OR 2 HAS BEEN SPECIFIED IN THE "IN" FIELD.

USER INFORMATION: IF THIS ENTRY IS REFERENCED BY CHEXA OR CPENTA ELEMENTS WITH MIDSIDE NODES
IN NONLINEAR STRUCTURAL ANALYSIS, THEN THE "IN" FIELD WILL BE RESET TO 3.
User information:
For CPENTA and CHEXA elements with midside nodes in nonlinear structural analysis,
only 3x3x3 integration and equivalent is allowed.

5461.0 *** USER FATAL MESSAGE 5461 .
ELEMENT ID =%1
HAS SINGULAR INTERPOLATION FUNCTION, SCHEME TO REDUCE THE RANK OF THE SHEAR STRAINS FAILED.
User information:
Least square technique used in weight reduced integration method fails if the elements has singular interpolation function.

5462.0 *** USER WARNING MESSAGE 5462 (IFS5P)
OPTIONS IN PSOLID ID = %1 FOR FLUID ELEMENT ARE NOT ALLOWED. DEFAULT VALUES WILL BE TAKEN.

5463.0 *** USER FATAL MESSAGE 5463 (TA1BND)
RADIUS SPECIFIED FOR THE BEND ELEMENT =%1 IS LESS THAN HALF THE
DISTANCE BETWEEN ITS TWO END POINTS.
User information:
Only a physically plausible radius should be used for the CBEND element.

5464.0 *** USER FATAL MESSAGE 5464 .
ELEMENT %1
HAS ZERO MASS DENSITY OR BULK MODULUS. CHECK MATERIAL PROPERTIES.

5465.0 *** USER WARNING MESSAGE 5465 (DDRMM)
SOLUTION FOR SUBCASE %1 IS MISSING, THEREFORE IT WILL NOT BE PROCESSED.
USER INFORMATION: IF MORE THAN ONE RESIDUAL STRUCTURE SUBCASE IS SPECIFIED, THE RESULT OF THE FIRST SUBCASE WILL BE CALCULATED IN THIS SOLUTION SEQUENCE.
User information:
Only one residual structure subcase is allowed in the superelement solution sequences which perform transient analysis. See Section 3.6.

5466.0 *** USER FATAL MESSAGE 5466 (SDP)
UNDEFINED COORDINATE SYSTEM ID = %1 IS REFERENCED BY THE AEROS BULK DATA ENTRY
User information:
Define referenced coordinate system ID in Bulk Data.

5467.0 *** USER FATAL MESSAGE 5467
CONNECTION POINT G%1 OF CRAC3D ELEMENT %2 IS REQUIRED

BUT NOT DEFINED
User information:
At least one of the required connection points has not been specified on the element entry.
See Section 5 of the NX NASTRAN Quick Reference Guide.

5467.2 *** USER FATAL MESSAGE 5467
CONNECTION POINT G%1 OF CRAC2D ELEMENT %2 IS REQUIRED BUT NOT DEFINED
User information:
At least one of the required connection points has not been specified on the element entry.
See Section 5 of the NX NASTRAN Quick Reference Guide.

5468.0 *** USER FATAL MESSAGE 5468 (DUM9D)
ILLEGAL GEOMETRY IN CRAC3D ELEMENT%1
User information:
Only some of the connection points between G37 and G46 inclusive are defined.
Supply missing grids on CRAC3D entry or do not specify any. See Section 5 of the NX NASTRAN Quick Reference Guide.

5469.0 *** USER FATAL MESSAGE 5469 (DUM9D)
IN CRAC3D ELEMENT%1 CONNECTION POINT G%2 IS REQUIRED IF CONNECTION POINT G%3 IS SPECIFIED
User information:
On the element card, only one of a pair of connection points is specified. This rule applies to connection points G11 through G18 and G29 through G36.
For example, if G11 is specified, then G29 must also be specified.
See Section 5 of the NX NASTRAN Quick Reference Guide.

5470.0 *** USER FATAL MESSAGE 5470
THE SPECIFIED CONNECTIVITY ON THE CRAC3D ELEMENT %1 IS NOT CONSISTENT WITH THE SYMMETRIC HALF CRACK OPTION
User information:
See Section 5 of the NX NASTRAN Quick Reference Guide.

5470.2 *** USER FATAL MESSAGE 5470
THE SPECIFIED CONNECTIVITY ON THE CRAC2D ELEMENT%1 IS NOT CONSISTENT WITH THE SYMMETRIC HALF CRACK OPTION
User information:
See Section 5 of the NX NASTRAN Quick Reference Guide.

5470.4 *** USER FATAL MESSAGE 5470 (DM9NS)
THE SPECIFIED CONNECTIVITY ON THE CRAC3D ELEMENT%1 IS NOT CONSISTENT WITH THE SYMMETRIC HALF CRACK OPTION
User information:
See Section 5 of the NX NASTRAN Quick Reference Guide.

5470.6 *** USER FATAL MESSAGE 5470 (DM8NS)

THE SPECIFIED CONNECTIVITY ON THE CRAC2D ELEMENT%1 IS NOT CONSISTENT WITH THE SYMMETRIC HALF CRACK OPTION
User information:
See Section 5 of the NX NASTRAN Quick Reference Guide.

5471.0 *** USER FATAL MESSAGE 5471
IN CRAC3D ELEMENT %1, TWO OR MORE CONNECTION POINTS ARE EITHER COINCIDENT OR COLLINEAR

5471.2 *** USER FATAL MESSAGE 5471
IN CRAC2D ELEMENT %1, TWO OR MORE CONNECTION POINTS ARE EITHER COINCIDENT OR COLLINEAR

5472.0 *** USER WARNING MESSAGE 5472
IN CRAC3D ELEMENT%1, THE CRACK ANGLE, WHICH IS COMPUTED TO BE%2, IS TOO LARGE

5472.2 *** USER WARNING MESSAGE 5472
IN CRAC2D ELEMENT %1, THE CRACK ANGLE, WHICH IS COMPUTED TO BE %2, IS TOO LARGE

5472.4 *** USER WARNING MESSAGE 5472 (DM9NS)
IN CRAC3D ELEMENT %1, THE CRACK ANGLE, WHICH IS COMPUTED TO BE %2, IS TOO LARGE

5472.6 *** USER WARNING MESSAGE 5472 (DM8NS)
IN CRAC2D ELEMENT%1, THE CRACK ANGLE, WHICH IS COMPUTED TO BE%2, IS TOO LARGE

5473.0 *** USER WARNING MESSAGE 5473
IN CRAC3D ELEMENT %1, THE LOCATION OF MIDSIDE NODES CAUSES EXTREME DISTORTION IN THE BASIC PENTAHEDRONS OF THE ELEMENT

5473.2 *** USER WARNING MESSAGE 5473
IN CRAC2D ELEMENT %1, THE LOCATION OF MIDSIDE NODES CAUSES EXTREME DISTORTION IN THE BASIC TRIANGLES OF THE ELEMENT

5474.0 *** USER WARNING MESSAGE 5474
IN CRAC3D ELEMENT %1, AN INTERIOR ANGLE OF THE BASIC PENTAHEDRONS IS EXTREMELY OBTUSE OR ACUTE
User information:
This may also be caused by poorly located midside nodes.

5474.2 *** USER WARNING MESSAGE 5474
IN CRAC2D ELEMENT %1, AN INTERIOR ANGLE OF THE BASIC TRIANGLES IS EXTREMELY OBTUSE OR ACUTE
User information:
This may also be caused by poorly located midside nodes.

5475.0 *** USER INFORMATION MESSAGE
ALL QUAD4 ELEMENTS WILL USE THE NEW QUAD4 FORMULATION.

5475.1 *** USER INFORMATION MESSAGE
ALL QUAD4 ELEMENTS WILL BE TREATED AS NEW QUADR ELEMENTS.

5475.2 *** USER INFORMATION MESSAGE
ALL QUADR ELEMENTS WILL USE THE OLD QUADR FORMULATION.

5475.3 *** USER INFORMATION MESSAGE
ALL QUADR ELEMENTS WILL BE TREATED AS NEW QUAD4 ELEMENTS.

5475.4 *** USER INFORMATION MESSAGE
ALL QUADR ELEMENTS WILL BE TREATED AS OLD QUAD4 ELEMENTS.

5475.5 *** USER INFORMATION MESSAGE
ALL TRIA3 ELEMENTS WILL USE THE NEW TRIA3 FORMULATION.

5475.6 *** USER INFORMATION MESSAGE
ALL TRIA3 ELEMENTS WILL BE TREATED AS NEW TRIAR ELEMENTS.

5475.7 *** USER INFORMATION MESSAGE
ALL TRIAR ELEMENTS WILL USE THE OLD TRIAR FORMULATION.

5475.8 *** USER INFORMATION MESSAGE
ALL TRIAR ELEMENTS WILL BE TREATED AS NEW TRIA3 ELEMENTS.

5475.9 *** USER INFORMATION MESSAGE
ALL TRIAR ELEMENTS WILL BE TREATED AS OLD TRIA3 ELEMENTS.

5476.0 *** USER FATAL MESSAGE
QUAD4 ELEMENT %1 HAS ZERO DIAGONAL LENGTH.

5476.1 *** USER FATAL MESSAGE
QUADR ELEMENT %1 HAS ZERO DIAGONAL LENGTH.

5476.2 *** USER FATAL MESSAGE
THE ASPECT RATIO FOR QUAD4 ELEMENT %1 IS %2
WHICH EXCEEDS THE MAXIMUM ALLOWED VALUE OF %3.

5476.3 *** USER FATAL MESSAGE
THE ASPECT RATIO FOR QUADR ELEMENT %1 IS %2
WHICH EXCEEDS THE MAXIMUM ALLOWED VALUE OF %3.

5476.4 *** USER FATAL MESSAGE
QUAD4 ELEMENT ID =%1,
THE X-AXIS OF MATERIAL COOR. HAS NO PROJECTION
ON THE ELEMENT XY-PLANE; USE Y-AXIS INSTEAD.

5476.5 *** USER FATAL MESSAGE
QUADR ELEMENT ID =%1,
THE X-AXIS OF MATERIAL COOR. HAS NO PROJECTION

ON THE ELEMENT XY-PLANE; USE Y-AXIS INSTEAD.

5476.6 *** USER FATAL MESSAGE
QUAD4 ELEMENT %1 HAS ZERO VOLUME.

5476.7 *** USER FATAL MESSAGE
QUADR ELEMENT %1 HAS ZERO VOLUME.

5476.8 *** USER FATAL MESSAGE
THE PERCENTAGE OF NEGATIVE VOLUME FOR
QUAD4 ELEMENT %1 IS %2,
WHICH EXCEEDS THE MAXIMUM ALLOWED PERCENTAGE OF %3.

5476.9 *** USER FATAL MESSAGE
THE PERCENTAGE OF NEGATIVE VOLUME FOR
QUADR ELEMENT %1 IS %2,
WHICH EXCEEDS THE MAXIMUM ALLOWED PERCENTAGE OF %3.

5476.10 *** USER FATAL MESSAGE
QUAD4/TRIA3 ELEMENT %1 HAS SINGULAR JACOBIAN (BAD GEOMETRY).

5476.11 *** USER FATAL MESSAGE
QUADR/TRIAR ELEMENT %1 HAS SINGULAR JACOBIAN (BAD GEOMETRY).

5476.12 *** USER FATAL MESSAGE
QUADR ELEMENT %1, THERE IS SINGULARITY IN THE BUBBLE FUNCTION
PROCESSING. THE BUBBLE FUNCTION CORRECTION WAS SKIPPED.

5476.13 *** USER FATAL MESSAGE
QUAD4/QUADR ELEMENT ID=%1, HAS ILLEGAL MAXIMUM NUMBER OF NODES.

5476.14 *** USER FATAL MESSAGE
QUAD4/QUADR ELEMENT %1 HAS ZERO EDGE LENGTH.

5476.15 *** USER FATAL MESSAGE
TRIA3/TRIAR ELEMENT %1 HAS ZERO EDGE LENGTH.

5476.16 *** USER FATAL MESSAGE
TRIA6 ELEMENT %1 HAS ZERO EDGE LENGTH.

5476.17 *** USER FATAL MESSAGE
QUAD8 ELEMENT %1 HAS ZERO EDGE LENGTH.

5476.18 *** USER FATAL MESSAGE
QUAD4/QUADR ELEMENT ID=%1 HAS BAD GEOMETRY SUCH THAT
IT IS UNABLE TO DEFINE THE NORMAL VECTOR TO THE MID-PLANE.

5476.19 *** USER FATAL MESSAGE
TRIA3/TRIAR ELEMENT ID=%1 HAS BAD GEOMETRY SUCH THAT

IT IS UNABLE TO DEFINE THE NORMAL VECTOR TO THE MID-PLANE.

5476.20 *** USER FATAL MESSAGE
TRIA6 ELEMENT ID=%1 HAS BAD GEOMETRY SUCH THAT
IT IS UNABLE TO DEFINE THE NORMAL VECTOR TO THE MID-PLANE.

5476.21 *** USER FATAL MESSAGE
QUAD8 ELEMENT ID=%1 HAS BAD GEOMETRY SUCH THAT
IT IS UNABLE TO DEFINE THE NORMAL VECTOR TO THE MID-PLANE.

5476.22 *** USER FATAL MESSAGE
THE WARPING FACTOR FOR QUAD4/QUADR ELEMENT ID=%1 IS %2,
WHICH EXCEEDS THE MAXIMUM ALLOWED VALUE OF %3.

5476.23 *** USER FATAL MESSAGE
THE WARPING FACTOR FOR TRIA3/TRIAR ELEMENT ID=%1 IS %2,
WHICH EXCEEDS THE MAXIMUM ALLOWED VALUE OF %3.

5476.24 *** USER FATAL MESSAGE
THE WARPING FACTOR FOR TRIA6 ELEMENT ID=%1 IS %2,
WHICH EXCEEDS THE MAXIMUM ALLOWED VALUE OF %3.

5476.25 *** USER FATAL MESSAGE
THE WARPING FACTOR FOR QUAD8 ELEMENT ID=%1 IS %2,
WHICH EXCEEDS THE MAXIMUM ALLOWED VALUE OF %3.

5476.26 *** USER FATAL MESSAGE
QUAD4/QUADR ELEMENT %1 HAS ZERO DIAGONAL LENGTH.

5476.27 *** USER FATAL MESSAGE
TRIA3/TRIAR ELEMENT %1 HAS ZERO DIAGONAL LENGTH.

5476.28 *** USER FATAL MESSAGE
TRIA6 ELEMENT %1 HAS ZERO DIAGONAL LENGTH.

5476.29 *** USER FATAL MESSAGE
QUAD8 ELEMENT %1 HAS ZERO DIAGONAL LENGTH.

5476.30 *** USER FATAL MESSAGE
QUAD4/QUADR ELEMENT ID=%1 HAS BAD GEOMETRY SUCH THAT
IT IS UNABLE TO DEFINE THE NORMAL VECTORS AT CONNECTED GRID POINTS.

5476.31 *** USER FATAL MESSAGE
TRIA3/TRIAR ELEMENT ID=%1 HAS BAD GEOMETRY SUCH THAT
IT IS UNABLE TO DEFINE THE NORMAL VECTORS AT CONNECTED GRID POINTS.

5476.32 *** USER FATAL MESSAGE
TRIA6 ELEMENT ID=%1 HAS BAD GEOMETRY SUCH THAT

IT IS UNABLE TO DEFINE THE NORMAL VECTORS AT CONNECTED GRID POINTS.

5476.33 *** USER FATAL MESSAGE
QUAD8 ELEMENT ID=%1 HAS BAD GEOMETRY SUCH THAT
IT IS UNABLE TO DEFINE THE NORMAL VECTORS AT CONNECTED GRID POINTS.

5476.34 *** USER FATAL MESSAGE
QUAD4/QUADR ELEMENT %1 HAS ZERO THICKNESS.

5476.35 *** USER FATAL MESSAGE
TRIA3/TRIAR ELEMENT %1 HAS ZERO THICKNESS.

5476.36 *** USER FATAL MESSAGE
TRIA6 ELEMENT %1 HAS ZERO THICKNESS.

5476.37 *** USER FATAL MESSAGE
QUAD8 ELEMENT %1 HAS ZERO THICKNESS.

5476.38 *** USER FATAL MESSAGE
QUAD4/QUADR ELEMENT %1 HAS INCOMPLETELY DEFINED THICKNESS.

5476.39 *** USER FATAL MESSAGE
TRIA3/TRIAR ELEMENT %1 HAS INCOMPLETELY DEFINED THICKNESS.

5476.40 *** USER FATAL MESSAGE
TRIA6 ELEMENT %1 HAS INCOMPLETELY DEFINED THICKNESS.

5476.41 *** USER FATAL MESSAGE
QUAD8 ELEMENT %1 HAS INCOMPLETELY DEFINED THICKNESS.

5476.42 *** USER FATAL MESSAGE
QUADR ELEMENT %1 HAS SINGULAR JACOBIAN (BAD GEOMETRY).

5476.43 *** USER FATAL MESSAGE
TRIAR ELEMENT %1 HAS SINGULAR JACOBIAN (BAD GEOMETRY).

5476.44 *** USER FATAL MESSAGE
ELEMENT ID=%1, THE SHEAR MODULUS IS NOT DEFINED FOR TRANSVERSE SHEAR.
THE SHEAR STIFFNESS IS IGNORED.

5476.45 *** USER FATAL MESSAGE
TRIA3 ELEMENT ID =%1,
THE X-AXIS OF MATERIAL COOR. HAS NO PROJECTION
ON THE ELEMENT XY-PLANE; USE Y-AXIS INSTEAD.

5476.46 *** USER FATAL MESSAGE
TRIAR ELEMENT ID =%1,
THE X-AXIS OF MATERIAL COOR. HAS NO PROJECTION
ON THE ELEMENT XY-PLANE; USE Y-AXIS INSTEAD.

5476.47 *** USER WARNING MESSAGE
TRIA3 ELEMENT ID =%1
THE OFF-PLANE SHEAR FLEXIBILITY MATRIX IS SINGULAR;
THE SHEAR STIFFNESS IS IGNORED.

5476.48 *** USER WARNING MESSAGE
TRIAR ELEMENT ID =%1
THE OFF-PLANE SHEAR FLEXIBILITY MATRIX IS SINGULAR;
THE SHEAR STIFFNESS IS IGNORED.

5476.49 *** USER WARNING MESSAGE
TRIAR ELEMENT %1, THERE IS SINGULARITY IN THE BUBBLE FUNCTION
PROCESSING. THE BUBBLE FUNCTION CORRECTION WAS SKIPPED.

5476.50 *** USER FATAL MESSAGE
TRIA3 ELEMENT %1 HAS ZERO VOLUME.

5476.51 *** USER FATAL MESSAGE
TRIAR ELEMENT %1 HAS ZERO VOLUME.

5476.52 *** USER WARNING MESSAGE
ELEMENT ID = %1
UNABLE TO DETERMINE THE ELEMENT TYPE ASSOCIATED WITH PLOAD4 DATA. CQUADR/CTRIAR ELEMENTS WILL BE PROCESSED AS CQUAD4/CTRIA3.

5477.0 *** USER WARNING MESSAGE 5477 (EQDRD)
COUPLING BETWEEN BENDING AND MEMBRANE IS NOT SUPPORTED FOR QUADR ELEMENT.
User information:
The MID4 field on the PSHELL bulk data entry and the ZOFFS field on the QUADR bulk data entry must be blank.

5477.1 *** USER WARNING MESSAGE 5477.
COUPLING BETWEEN BENDING AND MEMBRANE IS NOT SUPPORTED FOR TRIAR ELEMENT.

5478.0 *** USER FATAL MESSAGE 5478. (TQDRD)
FOR ELEMENT WITH ID =%1
THE JACOBIAN MATRIX IS SINGULAR.

5479.0 *** USER FATAL MESSAGE 5479.
FOR ELEMENT WITH ID =%1
THE INTERNAL STRAIN MODES ARE SINGULAR.
User information:
Check material property entries referenced by this element for correctness.

5480.0 *** SYSTEM FATAL MESSAGE 5480.
FOR ELEMENT WITH ID =%1
*** THE EXTRAPOLATION MATRIX IS SINGULAR.
User information:

This indicates a logic error in the program.
Contact SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5481.0 *** USER WARNING MESSAGE 5481 (EQDRD)
BUCKLING ANALYSIS IS NOT SUPPORTED FOR QUADR ELEMENT.
User information:
Differential stiffness, which is computed in a geometric nonlinear or buckling analysis, is not available for this element.
Replace this element with the CQUAD4 or CTRIA3 element.

5481.1 *** USER WARNING MESSAGE 5481.
BUCKLING ANALYSIS IS NOT SUPPORTED FOR TRIAR ELEMENT.
User information:
Differential stiffness, which is computed in a geometric nonlinear or buckling analysis, is not available for this element.
Replace this element with the CQUAD4 or CTRIA3 element.

5481.2 *** USER FATAL MESSAGE 5481.
NONLINEAR ANALYSIS IS NOT SUPPORTED FOR QUADR ELEMENT.

5482.0 *** USER FATAL MESSAGE 5482 (EQDRD)
HEAT TRANSFER ANALYSIS IS NOT SUPPORTED FOR QUADR ELEMENT.
User information:
The solution sequence requested on the Executive Control statement SOL is a heat transfer sequence or the HEAT keyword is specified on the NASTRAN or APP statements.

5483.0 *** SYSTEM FATAL MESSAGE 5483, (TA1H)
ROUTINE NEEDS TO BE UPDATED, IT DOES NOT SUPPORT ELEMENTS WITH GRIDS MORE THAN =%1

5483.1 *** SYSTEM FATAL MESSAGE 5483,
*** ELEMENT TIMING TABLE IN
*** SEQCT ROUTINE NEEDS TO BE UPDATED, IT DOES NOT SUPPORT ELEMENT TYPE GREATER THAN =%1
System information:
Contact SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5483.2 *** SYSTEM FATAL MESSAGE 5483, (BLDECT),
ROUTINE NEEDS TO BE UPDATED, IT DOES NOT SUPPORT ELEMENTS WITH GRIDS MORE THAN =%1

5484.0 *** USER WARNING MESSAGE 5484,
TABRND1 CARD, ID = %1, DEFINED (OR EXTRAPOLATED TO) NEGATIVE AUTO SPECTRAL DENSITIES. THEY WERE RESET TO ZERO.

5484.1 *** USER WARNING MESSAGE 5484,
GRID %1 IN REFERENCED SET DOESN'T EXIST. RANDOM RESULTS PROCESSING CONTINUES.

5484.2 *** USER INFORMATION MESSAGE 5484,
RANDOM PROCESSING ABORTED DUE TO INSUFFICIENT MEMORY - INCREASE
MEMORY VALUE BY %1 WORDS

5485.0 *** USER FATAL MESSAGE 5485,
NO SOLUTION IS AVAILABLE TO PERFORM A RESTART.

5486.0 *** USER FATAL MESSAGE 5486 (SSG1A)
NO STATIC LOAD SUBCASE IS SPECIFIED FOR A BUCKLING SOLUTION

5486.1 *** USER FATAL MESSAGE 5486 (SSG1)
ILLEGAL USE OF RFORCE2 BULK DATA LOADING. ONLY VALID FOR
SOLUTION 101 ROTOR DYNAMICS.

5487.0 *** USER WARNING MESSAGE 5487
ORIENTATION VECTOR DEFINED FOR THE ELEMENT ID =%1 IS NEARLY PARALLEL, IT MAY GIVE POOR RESULTS.

5488.0 *** USER FATAL MESSAGE 5488 (NLINIT)
THE CONTROLLED INCREMENTS METHOD MAY NOT BE USED WITHOUT LOAD INCREMENTS.

5489.0 *** USER WARNING MESSAGE 5489 (CASE)
THE CONTROLLED INCREMENTS METHOD MAY NOT BE USED WITH CREEP.
THE STANDARD ITERATION METHOD HAS BEEN SUBSTITUTED.

5489.1 *** USER WARNING MESSAGE 5489.1 (CASE)
THE COMPUTATION OF THE ELEMENT STRAIN ENERGY IS TURNED OFF. THE -INTOUT-
ENTRY ON THE NLPARM CARD MUST BE SET TO YES FOR ALL SUBCASES WHEN PARAM,LGDISP>0.
OTHERWISE, INCORRECT STRAIN ENERGIES WILL RESULT.

5490.0 *** USER FATAL MESSAGE 5490 (INRELF)
THE NUMBER OF SUPERELEMENT EIGENVECTORS %1 IS LESS THAN OR EQUAL TO THE NUMBER OF DEGREES OF FREEDOM, %2, ON THE SESUP BULK DATA ENTRY.
USER ACTION: INCREASE THE NUMBER OF EIGENVECTORS DESIRED ON THE EIGR OR EIGRL BULK DATA ENTRY, OR DECREASE THE NUMBER OF DEGREES OF FREEDOM ON THE SESUP BULK DATA ENTRY.

5491.0 *** USER WARNING MESSAGE 5491 (EQD4D)
BAD GEOMETRY FOR QUAD4 ELEMENT ID =%1 THE TAPER OF %2 EXCEEDS THE MAXIMUM VALUE OF %3
USER ACTION: THE TOLERANCE MAY BE ADJUSTED WITH Q4TAPER KEYWORD ON THE NASTRAN STATEMENT.
User information:

Bad geometry can cause incorrect answers for CQUAD4 elements. The bad geometry warning may be neglected if the element is in a non-critical part of the model, or if the element stress is constant. If the element is in a critical part of the model, you are advised to refine your model so these bad geometries do not occur.
Skew and taper are representative of the amount that a CQUAD4 deviates from being rectangular.
Skew is the angle between the lines that join opposite midsides. When this angle is less than 30 degrees the message is issued. For no skew this angle is 90 degrees.
Taper is computed as follows: Connect opposite grid points and compute the area of the enclosed triangles. Ji is 1/2 of the area associated with grid i and the adjacent grids of the enclosed triangle. Ja is 1/4 of J1+J2+J3+J4. If ABS((Ji-Ja)/Ja) exceeds 0.5 then the message is issued. (The equation equals 0.0 if there is no taper.) Another way to think of taper is the ratio of the areas on the two sides of a diagonal; if the ratio is greater than 3, then the taper test fails.
Note that these tests concern only geometry, and are made prior to the analysis. Another useful test, made after the analysis, is the stress discontinuity calculation.

5491.1 *** USER WARNING MESSAGE 5491 (EQD4D)
BAD GEOMETRY FOR QUAD4 ELEMENT ID =%1 THE SKEW ANGLE %2 IS LESS THAN THE MINIMUM VALUE OF %3 DEGREES.
USER ACTION: THE TOLERANCE MAY BE ADJUSTED WITH Q4SKEW KEYWORD ON THE NASTRAN STATEMENT.

5491.2 *** USER WARNING MESSAGE 5491 (ETR3D)
BAD GEOMETRY FOR TRIA3 ELEMENT ID =%1 THE SMALLEST ANGLE,%2 IS LESS THAN THE MINIMUM VALUE OF %3 DEGREES.
USER ACTION: THE TOLERANCE MAY BE ADJUSTED WITH T3SKEW KEYWORD ON THE NASTRAN STATEMENT.

5491.3 *** USER INFORMATION MESSAGE 5491 (EQDGED)
BAD GEOMETRY FOR QUAD ELEMENT WITH ID =%1
THE SKEW ANGLE%2 IS LESS THAN THE RECOMMENDED MINIMUM VALUE OF 30 DEGREES.

5491.4 *** USER INFORMATION MESSAGE 5491 (EQDGED)
BAD GEOMETRY FOR QUAD ELEMENT WITH ID =%1
THE TAPER OF%2 EXCEEDS THE RECOMMENDED MAXIMUM VALUE OF 0.5 .

5492.0 *** USER FATAL MESSAGE 5492 (OPTGPE)
AN UNDEFINED DVID ID =%1 HAS BEEN REFERENCED BY A DVGRID BULK DATA CARD WITH A DVID =%2
USER ACTION: CHECK THE DVGRID AND GRID BULK DATA CARDS

5492.1 *** USER FATAL MESSAGE 5492 (DSAJ1)

AN UNDEFINED GRID ID =%1 HAS BEEN REFERENCED BY A DVGRID BULK DATA CARD WITH A DVID =%2
USER ACTION: CHECK THE DVGRID AND GRID BULK DATA CARDS

5494.0 *** USER WARNING MESSAGE 5494,
ONLY THE FIRST 50 MESSAGES HAVE BEEN PRINTED.

5494.1 *** USER WARNING MESSAGE 5494,
NO RANDT1 BULK DATA REFERENCED; AUTO-CORRELATION WILL NOT BE CALCULATED.

5495.0 *** USER WARNING MESSAGE 5495,
REQUESTED RESPONSE DATA OF (%1 %2) BY RCROSS CARD IS MISSING. RCROSS CARD IS:
RCROSS = %3
RTYPE1 = %4 ,ID1 = %5 ,COMP1 = %6 ,RTYPE2 = %7 ,ID2 = %8 ,COMP2 = %9 ,CURIV = %10
IT IS NEITHER COMPUTED NOR BELONGS TO CURRENT SUPERELEMENT. RCROSS REQUEST FOR THIS CARD IS IGNORED.

5495.1 *** USER WARNING MESSAGE 5495,
REQUESTED RESPONSE DATA OF (%1) BY RCROSS/RCROSSC CARD IS MISSING.
IT IS NEITHER COMPUTED NOR BELONGS TO CURRENT SUPERELEMENT.

5495.2 *** USER WARNING MESSAGE 5495,
REQUESTED RESPONSE DATA OF (%1 %2) BY BOTH RCROSS AND RANDPS CARDS IS MISSING IN SOME SUBCASE(S).
RCROSS CARD IS:
RCROSS = %3
RTYPE1 = %4 ,ID1 = %5 ,COMP1 = %6 ,RTYPE2 = %7 ,ID2 = %8 ,COMP2 = %9 ,CURIV = %10
THE MISSING DATA IS RELATED TO THE FOLLOWING SUBCASE(S) (ONLY UP TO TEN OF THEM ARE PRINTED):
SUBCASE(S): %11, %12, %13, %14, %15, %16, %17, %18, %19, %20
RCROSS REQUEST FOR THIS CARD IS IGNORED.

5495.3 *** USER WARNING MESSAGE 5495,
REQUESTED COMPONENT CODE %1 OF RESPONSE DATA (%2 %3) BY RCROSS CARD IS INCORRECT.
RCROSS CARD IS:
RCROSS = %4
RTYPE1 = %5 ,ID1 = %6 ,COMP1 = %7 ,RTYPE2 = %8 ,ID2 = %9 ,COMP2 = %10 ,CURIV = %11
RCROSS REQUEST FOR THIS CARD IS IGNORED.

5495.4 *** USER WARNING MESSAGE 5495,
REQUESTED RESPONSE DATA OF (%1 %2) BY RANDPS CARDS IS MISSING IN SUBCASE %3.

RCROSS CARD IS:
RCROSS = %4
RTYPE1 = %5 ,ID1 = %6 ,COMP1 = %7 ,RTYPE2 = %8 ,ID2 = %9
,COMP2 = %10 ,CURIV = %11
RCROSS REQUEST FOR THIS CARD IS IGNORED.

5495.5 *** USER WARNING MESSAGE 5495,
REQUESTED RCROSS OR RCROSSC BULK DATA ENTRY OF %1 BY
RCROSS CASE CONTROL ENTRY
IS MISSING. RCROSS REQUEST FOR THIS CARD IS IGNORED.

5495.6 *** USER WARNING MESSAGE 5495,
COMPOSITE ELEMENTS CANNOT BE REFERENCED ON A RCROSS
BULK DATA ENTRY; USE RCROSSC.
RCROSS REQUESTS FOR ELEMENT NUMBER %1 WILL BE
IGNORED.

5495.7 *** USER WARNING MESSAGE 5495,
REQUESTED RESPONSE DATA OF (%1 %2 %3) BY RCROSSC CARD
IS MISSING. RCROSSC CARD IS:
RCROSSC = %4
RTYPE1 = %5 ,ID1 = %6 ,COMP1 = %7 ,PLY1 = %8 ,
RTYPE2 = %9 ,ID2 = %10 ,COMP2 = %11 ,PLY2 = %12 ,CURIV = %13
IT IS NEITHER COMPUTED NOR BELONGS TO CURRENT
SUPERELEMENT. RCROSS REQUEST FOR THIS CARD IS IGNORED.

5495.8 *** USER WARNING MESSAGE 5495,
REQUESTED RESPONSE DATA OF (%1 %2 %3) BY BOTH RCROSSC
AND RANDPS CARDS IS MISSING IN SOME SUBCASE(S).
RCROSSC CARD IS:
RCROSSC = %4
RTYPE1 = %5 ,ID1 = %6 ,COMP1 = %7 ,PLY1 = %8 ,
RTYPE2 = %9 ,ID2 = %10 ,COMP2 = %11 ,PLY2 = %12 ,CURIV = %13
THE MISSING DATA IS RELATED TO THE FOLLOWING SUBCASE(S)
(ONLY UP TO TEN OF THEM ARE PRINTED):
SUBCASE(S): %14, %15, %16, %17, %18, %19, %20, %21, %22, %23
RCROSS REQUEST FOR THIS CARD IS IGNORED.

5495.9 *** USER WARNING MESSAGE 5495,
NON-COMPOSITE ELEMENTS CANNOT BE REFERENCED ON A
RCROSSC BULK DATA ENTRY; USE RCROSS.
RCROSSC REQUESTS FOR ELEMENT NUMBER %1 WILL BE
IGNORED.

5495.10 *** USER WARNING MESSAGE 5495,
REQUESTED COMPONENT CODE %1 OF RESPONSE DATA (%2 %3
%4) BY RCROSSC CARD IS INCORRECT.
RCROSSC CARD IS:
RCROSSC = %5
RTYPE1 = %6 ,ID1 = %7 ,COMP1 = %8 ,PLY1 = %9 ,

RTYPE2 = %10 ,ID2 = %11 ,COMP2 = %12 ,PLY2 = %13 ,CURIV = %14
RCROSS REQUEST FOR THIS CARD IS IGNORED.

5497.0 *** USER FATAL MESSAGE 5497 (APD3)
PLANFORM GEOMETRY FOR CAERO3 ID = %1 IS IN ERROR.
USER ACTION: CHECK LEADING EDGE SWEEP ANGLE OR CONTROL SURFACE HINGE LINE.

5498.0 *** USER FATAL MESSAGE 5498 (APD2)
CAERO2 ENTRY ID = %1 NOT INPUT IN Z,ZY,Y SEQUENCE

5499.0 *** USER FATAL MESSAGE 5499 (APD2)
ASSOCIATED BODY ID = %1 REFERENCED ON PAERO1 ENTRY %2 COULD NOT BE FOUND.

5500.0 *** SYSTEM FATAL MESSAGE 5500 (DSAB3)
NO MATCH FOUND IN GPTA1 FOR ECT LOCATE IDS%1

5501.0 *** SYSTEM FATAL MESSAGE 5501 (DSAB3)
ECT ENTRY LENGTH FOR ELEMENT TYPE %1 IS %2---PROGRAM LIMIT IS 350

5502.0 *** USER WARNING MESSAGE 5502 (DSAL1)
GRID ID = %1 REFERENCED ON A DRESP1 ENTRY COULD NOT BE FOUND.
USER INFORMATION : THIS IS NOT RECOMMENDED AND MAY INDICATE A USER INPUT ERROR.
RESULTS FOR OTHER RESPONSES ARE NOT AFFECTED.

5503.0 *** USER FATAL MESSAGE 5503 (DSAD13)
ELEM NO. %1 PLY NO. %2 REFERENCED ON A DRESP1 ENTRY COULD NOT BE FOUND.
USER ACTION: CHECK THE ELEMENT IDS REQUESTED ON THE DRESP1 ENTRY.
IF A CFAILURE RESPONSE TYPE IS REQUESTED, CHECK THAT THE CORRESPONDING PCOMP AND MAT1
BULK DATA ENTRIES HAVE BEEN CORRECTLY SPECIFIED.
USER INFORMATION : USE OF UNREFERENCED ELEMENTS IS NOT RECOMMENDED AND MAY INDICATE A USER INPUT ERROR.
RESULTS FOR OTHER RESPONSES ARE NOT AFFECTED.

5503.1 *** USER FATAL MESSAGE 5503 (DSAB5D)
RECORD ID = %1 IS OUT OF SYNC ON DATA BLOCK NUMBR %2
AN DSAB5D SYSTEM ERROR USER ACTION: PLEASE SEND THIS RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

5506.0 *** USER FATAL MESSAGE 5506
TRANSVERSE SHEAR MATERIAL MATRIX IS SINGULAR FOR PCOMP %1

5507.0 *** SYSTEM FATAL MESSAGE 5507 (DSABET)
TEMPERATURE SET ID. IN DATA RECORD NOT FOUND IN HEADER RECORD

TEMP(1)=%1
TLIST(I)= %2
%3
%4
%5
%6
%7
%8
%9
%10
%11
%12
%13
%14
%15
%16
%17
%18
%19
%20
%21

5511.0 *** USER FATAL MESSAGE 5511 (DSACTC)
PROBLEM LIMITATION OF 66 TEMPERATURE SETS AS BEEN EXCEEDED.

5512.0 *** SYSTEM FATAL MESSAGE 5512 (DSACTC)
TEMPERATURE SET ID. IN DATA RECORD NOT FOUND IN HEADER RECORD
TEMP(1)= %1TLIST(I)=%2
%3
%4
%5
%6
%7
%8
%9
%10
%11
%12
%13
%14
%15
%16
%17
%18
%19

%20
%21

5514.0 *** SYSTEM FATAL MESSAGE 5514 (DSAE)
ELEMENT TYPE DOES NOT MATCH

5516.0 *** SYSTEM FATAL MESSAGE 5516 (DSAE)
TABLE DIBIDG IS PURGED
USER ACTION: VERIFY THAT THIS TABLE IS NOT PURGED

5532.0 *** USER WARNING MESSAGE 5532 (WEIGHT)
RHO OF MAT CARD IS LESS THAN OR EQUAL TO ZERO
User information:
See Error Report 3557 in Chapter 17.

5535.0 *** USER FATAL MESSAGE 5535 (DSAW)
THIS IS A NONSUPPORTED ELEMENT TYPE
USER INFORMATION: ELEMENT TYPE = %1 , PLEASE SEE PROGRAM MANUAL VOL.1 EST DATABLOCK FOR ELEMENT TYPE

5535.1 *** SYSTEM WARNING MESSAGE 5535 (HBDY2)
ELEMENT TYPE = %1 IS NOT SUPPORTED BY THIS MODULE.

5536.0 *** SYSTEM FATAL MESSAGE 5536 (DSMRG9)
THE OBJECTIVE FUNCTION HAS NOT BEEN DEFINED FOR THIS RUN

5537.0 *** USER WARNING MESSAGE 5537 (DOPR3L)
ELEMENT DEFORMATION SETS ARE NOT ACCOUNTED FOR PROPERLY IN SENSITIVITY CALCULATIONS.
WRONG ANSWERS MAY RESULT FOR CALCULATED RESPONSES.

5554.0 *** USER FATAL MESSAGE 5554 (DSABET)
PROBLEM LIMITATION OF 66 TEMPERATURE SETS HAS BEEN EXCEEDED.

5601.0 *** USER FATAL MESSAGE 5601 (SDSA)
A DESOBJ ENTRY CANNOT BE FOUND. ONE MUST BE DEFINED FOR THE DESIGN MODEL.

5602.0 *** USER FATAL MESSAGE 5602. (SDSA)
DESOBJ ENTRY ID=%1 REFERENCES EXTERNAL SUPERELEMENT ID=%2
USER INFORMATION: DESOBJ ENTRY MAY ONLY REFERENCE A PRIMARY OR AN IMAGE SUPERELEMENT

5603.0 *** USER FATAL MESSAGE 5603. (SDSA)
DESOBJ ENTRY ID=%1 REFERENCES AN UNDEFINED SUPERELEMENT

5605.0 *** USER FATAL MESSAGE 5605. (SDSAA)
SUPERELEMENT MAP DOES NOT CONTAIN ELEMENT IDS FOR SEID =%1

5606.0 *** USER FATAL MESSAGE 5606. (SDSAB)

NO DRESP1 ENTRIES CAN BE FOUND IN DATABLOCK EDOM.
USER ACTION: SPECIFY AT LEAST ONE DRESP1 ENTRY.

5607.0 *** USER FATAL MESSAGE 5607. (SDSAB)
NO DRESP1 ENTRIES CAN BE FOUND FOR SUPERELEMENT ID=%1
WITH DRESP2 - SYNTHETIC RESPONSES
USER ACTION: SPECIFY AT LEAST A SINGLE DRESP1 - DIRECT
RESPONSE FOR THIS SUPERELEMENT

5608.0 *** USER FATAL MESSAGE 5608 (SDSAC)
%1 ENTRY ID=%2 REFERENCES AN UNDEFINED DRESP1 ENTRY
ID=%3

5609.0 *** USER FATAL MESSAGE 5609 (SDSAC)
DRESP2 ENTRY ID=%1 REFERENCES DRESP1 IDS THAT BELONG
TO DIFFERENT SUPERELEMENTS.
USER ACTION : MAKE SURE ALL DRESP1 IDS REFERENCED ON A
DRESP2 REFER TO GID/EID OF A SINGLE SE.

5610.0 *** USER WARNING MESSAGE 5610 (DSAW)
THE MASS DEFINED ON CMASSI BULK DATA ENTRIES DOES NOT
CONTRIBUTE TO THE WEIGHT RESPONSE AND
WILL BE IGNORED IN THE DESIGN SENSITIVITY AND
OPTIMIZATION ANALYSIS.
USER ACTION: DRESP2 SYNTHETIC RESPONSES CAN BE USED TO
INCLUDE THE EFFECTS OF MASS CHANGES ON THE WEIGHT.

5612.0 *** USER FATAL MESSAGE 5612 (DOPR2B)
ZERO GRID PERTURBATION IS PRESCRIBED BY ALL DESIGN
VARIABLES.
USER ACTION: CHECK DVGRID BULK DATA ENTRIES FOR ZERO
GRID PERTURBATION.
PROGRAMMER INFORMATION: INPUT MATRIX DESVEC IS NULL.

5613.0 *** USER FATAL MESSAGE 5613 (DMPR)
A DRESPI ENTRY DOES NOT EXIST IN THE BULK DATA.
USER INFORMATION: AT LEAST ONE DRESP1 OR DRESP2 MUST BE
PRESENT IN THE DESIGN MODEL.

5615.0 *** USER FATAL MESSAGE 5615 (DMPRB)
A DRESP2 ENTRY ID=%1 REFERENCES AN UNDEFINED DRESP1
ENTRY ID =%2

5616.0 *** USER FATAL MESSAGE 5616 (DMPRB)
DRESP2 ENTRY ID =%1 REFERENCES DRESP1 ENTRIES WHICH
HAVE INCONSISTENT RESPONSE TYPES.
User information:
When referencing DRESP1 entries, each referenced entry must have the
same RTYPE and PTYPE.

5617.0 *** USER FATAL MESSAGE 5617. (SDSAB)
THE SUPERELEMENT ID SPECIFIED ON THE DESOBJ BULK DATA

ENTRY DOES NOT EXIST ON THE REFERENCED
DRESP1 BULK DATA ENTRY.
USER ACTION: VERIFY THE DESOBJ AND DRESP1 ENTRIES.

5618.0 *** USER FATAL MESSAGE 5618. (DPR3CN)
CONSTRAINT ID =%1 ON RESPONSE ID =%2 APPEARS MORE THAN ONCE.
IF FREQUENCY RESPONSE JOB, CONSTRAINT ALSO SHARES LOWFQ and/or HIGHFQ WITH DUPLICATE.
USER ACTION: ENSURE THAT SUCH DUPLICATE CONSTRAINTS ARE REMOVED FROM INPUT.

5619.0 *** USER FATAL MESSAGE 5619. (SDSAB)
A WEIGHT OR VOLUME RESPONSE IS REQUESTED FOR COLLECTOR SUPERELEMENT =%1 IN DRESP1 BULK DATA ENTRY =%2
USER ACTION: ENSURE THE SUPERELEMENT CONTAINS AT LEAST ONE ELEMENT WITH VOLUME.

5620.0 *** USER FATAL MESSAGE 5620 (DSAJ1)
AN UNDEFINED DESIGN VARIABLE ID =%1 HAS BEEN REFERENCED BY A DVGRID BULK DATA ENTRY WHICH HAS A GRID ID =%2

5621.0 *** USER FATAL MESSAGE 5621 (DOM11K)
THREE POINTS REFERENCED BY CORD2I ENTRY ID =%1 HAVE BECOME COLLINEAR
USER ACTION: REEXAMINE DESIGN TASK SPECIFICATION
USER INFORMATION
X Y Z

5621.1 *** USER FATAL MESSAGE 5621 (DOM11J)
THREE POINTS REFERENCED BY CORD1I ENTRY ID =%1 HAVE BECOME COLLINEAR.
USER ACTION: REEXAMINE DESIGN TASK SPECIFICATION
USER INFORMATION
GRID ID X Y Z

5622.0 *** USER FATAL MESSAGE 5622 (DSAJ)
FOR AN EXTERNAL AUXILIARY MODEL:
THE AUXILIARY DISPLACEMENT MATRIX OR THE DVSHAP BULK DATA ENTRY IS MISSING.
USER ACTION: CHECK FOR THE EXISTENCE OF DVSHAP ENTRIES AND YOUR DATABASE FILE REFERENCED ON THE DBLOCATE STATEMENT.

5623.0 *** USER FATAL MESSAGE 5623 (DSAJ)
AN UNDEFINED DESIGN VARIABLE ID =%1 HAS BEEN REFERENCED BY A DVSHAP/DVBSHAP BULK DATA ENTRY.

5624.0 *** USER FATAL MESSAGE 5624 (DSAJ2)
THE %1TH COLUMN OF THE DIRECT INPUT BASIS VECTOR

MATRIX IS NULL.

5625.0 *** USER FATAL MESSAGE 5625 (DSAJ)
AN UNDEFINED BASVEC COLUMN ID =%1 HAS BEEN
REFERENCED BY A DVSHAP/DVBSHAP BULK DATA ENTRY.

5626.0 *** USER FATAL MESSAGE 5626 (DSAD13)
ITEM CODE %1 REFERENCED ON DRESP1 ENTRY %2 WITH RTYPE = %3
IS INVALID FOR ELEMENT TYPE %4 %5.
USER ACTION: CHECK THE SPECIFIED ITEM CODE WITH THOSE LISTED IN
APPENDIX A OF THE NX NASTRAN QUICK REFERENCE GUIDE.

5627.0 *** USER FATAL MESSAGE 5627 (DSAD17)
MORE THAN FIFTY INVALID ITEM CODES HAVE BEEN DETECTED

5628.0 *** USER FATAL MESSAGE 5628 (DSAD17)
DRESP1 ID = %1 IS FOR RTYPE = %2 AND ELEMENT ID = %3.
THE RESPONSE COULD NOT BE FOUND, EITHER BECAUSE THE ELEMENT DOES NOT EXIST OR
BECAUSE THE RESPONSE TYPE IS NOT AVAILABLE FOR THE ASSOCIATED ELEMENT TYPE.

5629.0 *** USER FATAL MESSAGE 5629 (DSAD1C)
THERE ARE DRESP1 ENTRIES FOR RESPONSE TYPE = %1 BUT
THERE ARE NO CORRESPONDING OUTPUT RESPONSES.
USER ACTION: CHECK THAT THE %2 ID'S LISTED ON THE DRESP1 ENTRIES EXIST.

5902.0 *** USER FATAL MESSAGE 5902. (DSAR)
ZERO OR NEGATIVE TIME STEP ENCOUNTERED.

5903.0 *** USER FATAL MESSAGE 5903. (DSAR)
INCONSISTENT DATA DETECTED FOR UG AND TOLA
USER ACTION: VERIFY NUMBER OF SOLUTION VECTORS IN UG ARE THREE TIMES THE NUMBER OF TIME STEPS IN TOLA.

6001.0 *** SYSTEM FATAL MESSAGE 6001 (RSTART)
ERROR IN OPENING THE DATABASE TRANSACTION FILE (DBRQUE). GINO FILE NAME = %1
USER ACTION: SEND THIS RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6002.0 *** SYSTEM WARNING MESSAGE 6002 (ZREAD)
FOR DATA BLOCK=%1, TYPE = UNSTRUCTURED, MATRIX, OR VECTOR IS NOT SUPPORTED.
PROGRAMMER ACTION : USE PROPER ROUTINES.

6002.1 *** USER FATAL MESSAGE 6002 (RSTART)
RESTART DOES NOT SUPPORT TYPE = UNSTRUCTURED, FOUND ON DATA BLOCK %1

6003.0 *** USER FATAL MESSAGE 6003 (RSTART)

TOO MANY INPUT DATA BLOCKS STARTING WITH BLOCK %1
User information:
There are two possible input modes into the RESTART module. In neither of them are all three of the input data block slots to be filled.

6004.0 *** SYSTEM WARNING MESSAGE 6004 (TMALOC)
DATA BLOCK %1 IS NOT DEFINED IN THE NDDL

6006.0 *** USER FATAL MESSAGE 6006 (DTIIN)
INPUT DATA BLOCK %1 - GINO FILE NUMBER %2 NOT FOUND

6007.0 *** USER WARNING MESSAGE 6007 (DTIIN) -
OUTPUT DATA BLOCK %1 - GINO FILE NUMBER %2 ALREADY APPEARS AS A DTIIN OUTPUT BLOCK ON THIS CARD

6007.1 *** USER WARNING MESSAGE 6007 (DMIIN) -
OUTPUT DATA BLOCK %1 - GINO FILE NUMBER %2 ALREADY APPEARS AS A DMIIN OUTPUT BLOCK ON THIS CARD

6009.0 *** SYSTEM FATAL MESSAGE 6009 (IFP1CP)
THE NUMBER OF UNIQUE CASE CONTROL PARAMETERS EXCEEDS THE CURRENT LIMIT OF %1.
USER ACTION: REDUCE THE NUMBER OF CASE CONTROL PARAMETERS

6010.0 *** SYSTEM FATAL MESSAGE 6010 (PVTCCP)
THE MAXIMUM ALLOWABLE SIZE OF THE PARAMETER VALUE TABLE (PVT) HAS BEEN EXCEEDED.
USER INFORMATION: THE PARAMETER VALUE DEFAULT TABLE (PVTS)WAS BEING MERGED INTO THE PARAMETER VALUE TABLE (PVT).
THE MAXIMUM SIZE OF THE PVT TABLE IS %1 WORDS.
USER ACTION: REDUCE THE NUMBER OF UNIQUE BULK DATA, CASE CONTROL, AND NDDL PARAMETERS

6010.1 *** SYSTEM FATAL MESSAGE 6010 (IFPCCP)
THE MAXIMUM ALLOWABLE SIZE OF THE PARAMETER VALUE DEFAULT TABLE (PVTS) HAS BEEN EXCEEDED.
USER INFORMATION: THE NDDL PARAMETER DEFAULT VALUES WERE BEING %1 INTO THE PARAMETER VALUE DEFAULT TABLE (PVTS).
THE MAXIMUM SIZE OF THE PVTS TABLE IS %2 WORDS.
USER ACTION: REDUCE THE NUMBER OF UNIQUE BULK DATA, CASE CONTROL, AND NDDL PARAMETERS

6010.2 *** SYSTEM FATAL MESSAGE 6010 (IFPCCP)
THE MAXIMUM ALLOWABLE SIZE OF THE PARAMETER VALUE DEFAULT TABLE (PVTS) HAS BEEN EXCEEDED.
USER INFORMATION: THE CASE CONTROL PARAMETERS WERE BEING %1 INTO THE PARAMETER VALUE DEFAULT TABLE (PVTS).
THE MAXIMUM SIZE OF THE PVTS TABLE IS %2 WORDS.
USER ACTION: REDUCE THE NUMBER OF UNIQUE BULK DATA,

CASE CONTROL, AND NDDL PARAMETERS

6010.3 *** SYSTEM FATAL MESSAGE 6010 (IFPCCP)
THE MAXIMUM ALLOWABLE SIZE OF THE PARAMETER VALUE DEFAULT TABLE (PVTS) HAS BEEN EXCEEDED.
USER INFORMATION: THE BULK DATA PARAMETERS WERE BEING LOADED INTO THE PARAMETER VALUE DEFAULT TABLE (PVTS).
THE MAXIMUM SIZE OF THE PARAMETER VALUE DEFAULT TABLE IS %1 WORDS.
USER ACTION: REDUCE THE NUMBER OF UNIQUE BULK DATA, CASE CONTROL, AND NDDL PARAMETERS

6011.0 *** USER FATAL MESSAGE 6011 (IPVDFT)
THE MAIN SUBDMAP VPS TYPE OF PARAMETER %1 DIFFERS FROM THE TYPE DETERMINED FROM PARAM CARD DEFINITION.
USER INFORMATION: VPS TYPE IS %2. PARAM TYPE IS %3.

6011.1 *** USER FATAL MESSAGE 6011 (IFPCCP)
THE NDDL DEFAULT TYPE OF PARAMETER %1 DIFFERS FROM THE TYPE DETERMINED FROM PARAM CARD DEFINITION.
USER INFORMATION: NDDL TYPE IS %2. PARAM TYPE IS %3.

6012.0 *** SYSTEM FATAL MESSAGE 6012 (IFPDRV)
THE MAXIMUM ALLOWABLE SIZE OF THE PARAMETER VALUE TABLE (PVT) HAS BEEN EXCEEDED.
USER INFORMATION: THE PVT TABLE WAS BEING CREATED FROM BULK DATA PARAM ENTRIES.
THE MAXIMUM SIZE OF THE PVT TABLE IS %1 WORDS.
USER ACTION: REDUCE THE NUMBER OF UNIQUE BULK DATA PARAMETERS.

6013.0 *** SYSTEM FATAL MESSAGE 6013 (IFSEQU)
THE EQUATION INDEX TABLE HAS EXCEEDED THE MAXIMUM NUMBER OF EQUATIONS ALLOWED FOR THE %1 BLOCK.
USER INFORMATION: THE MAXIMUM NUMBER OF EQUATIONS IS: 0.5 * SYSBUF - 1 EQUATIONS, OR %2 IN THIS RUN

6014.0 *** SYSTEM WARNING MESSAGE 6014 (MODTRL)
UNABLE TO WRITE TRAILER FOR FILE %1

6015.0 *** SYSTEM FATAL MESSAGE 6015,
PREMAT TABLE LOGIC ERROR ...

6016.0 *** USER INFORMATION MESSAGE 6016 (PRTPRM)
NO PARAMETERS EXIST IN THE VPS OF REQUESTED SUBDMAP

6017.0 *** USER INFORMATION MESSAGE 6017 (PRTPRM)
SUBDMAP %1 IS NOT IN CURRENT SUBDMAP CALLING CHAIN.

6018.0 *** USER INFORMATION MESSAGE 6018 (PRTPRM)
PARAMETER NAMED %1 IS NOT IN THE VPS OF SUBDMAP %2.

6019.0 *** USER INFORMATION MESSAGE 6019 (PRTPRM)

THE SECOND PRTPARM PARAMETER VALUE - %1 - IS IMPROPER.

6020.0 *** USER INFORMATION MESSAGE 6020 (PRTPRM)
THE PRTPARM DIAGNOSTIC %1 IS NOT IN TABLE.

6021.0 *** USER INFORMATION MESSAGE 6021 (PVT)
NULL INPUT DATA BLOCKS ARE BEING USED FOR PVT.

6022.0 *** USER WARNING MESSAGE 6022 (PVT)
AN UNEXPECTED END-OF-FILE ENCOUNTERED PROCESSING INPUT DATA BLOCK 102.
USER INFORMATION: IT WILL BE PROCESSED AS IF PURGED.

6023.0 *** USER WARNING MESSAGE 6023 (PVT)
AN ATTEMPT WAS MADE TO REDEFINE THE TYPE OF THE BULK DATA OR CASE CONTROL PARAMETER %1.
USER INFORMATION: THE ATTEMPT AT REDEFINITION IS IGNORED.

6024.0 *** SYSTEM FATAL MESSAGE 6024 (PVT)
THE PARAMETER VARIABLE TABLE - PVT - HAS OVERFLOWED
USER ACTION: REDUCE NUMBER OF BULK DATA AND/OR CASE CONTROL PARAM CARDS.

6025.0 *** SYSTEM FATAL MESSAGE 6025 (PVT)
INSUFFICIENT OPEN CORE TO READ CASE CONTROL DATA

6027.0 *** USER WARNING MESSAGE 6027 (XEQUIV)
ATTEMPT TO EQUIVALENCE PRIMARY DATABLOCK %1, WHICH DOES NOT EXIST.
User information:
This warning message can occur for many reasons. It has been seen in user DMAPs or DMAP alters where datablocks are being stored permanently on the database. If an EQUIV is done on one of these stored datablocks, and the qualifiers for that datablock are not set, then this message can occur. A more confusing case occurs when all qualifiers for a permanent datablock are not TYPEd as NDDL parameters, or are not passed into the current subDMAP. When an EQUIV is attempted, the UWM 6027 can occur. Be sure that ALL qualifiers that were set when the primary was stored are still set when the equivalence is attempted.

6028.0 *** SYSTEM WARNING MESSAGE 6028 (XMESAG)
PARAMETER NUMBER %1 WAS NOT FOUND IN THE VPS

6029.0 *** SYSTEM FATAL MESSAGE 6029 (XQALVL)
ATTEMPT TO LOAD FUNCTION NAME FROM INVALID ADDRESS
PROGRAMMER INFORMATION: ADDRESS POINTER = %1

6029.1 *** SYSTEM FATAL MESSAGE 6029 (XQALVL)
ATTEMPT TO LOAD VALUE FROM NON-EXISTENT VPS VARIABLE
PROGRAMMER INFORMATION: VPS ADDRESS POINTER = %1

6030.0 *** SYSTEM FATAL MESSAGE 6030 (XQASVL)

ATTEMPT TO STORE (STOR) NON-TEMPORARY VALUE IN TEMPORARY STORAGE ARRAY
PROGRAMMER INFORMATION: TEMPORARY ADDRESS POINTER = %1

6031.0 *** SYSTEM FATAL MESSAGE 6031 (XQASVL)
UNABLE TO STORE (STOR) TEMPORARY VALUE IN TEMPORARY STORAGE ARRAY
PROGRAMMER INFORMATION: TEMPORARY ADDRESS POINTER = %1

6032.0 *** SYSTEM FATAL MESSAGE 6032 (XQALVL)
UNDEFINED OPERAND DETECTED IN INSTRUCTION %1
PROGRAMMER INFORMATION: OPERAND POINTER = %2

6033.0 *** SYSTEM FATAL MESSAGE 6033 (XQALVL)
ATTEMPT BY INSTRUCTION %1 TO OPERATE ON NON-EXISTENT VPS VARIABLE

6033.1 *** SYSTEM FATAL MESSAGE 6033 (XQALVL)
ATTEMPT BY INSTRUCTION %1 TO OPERATE ON NON-EXISTENT TEMPORARY VARIABLE

6034.0 *** SYSTEM FATAL MESSAGE 6034 (XQAROS)
ATTEMPT BY INSTRUCTION %1 TO PERFORM LOGICAL OPERATION ON NON-LOGICAL VALUE

6034.1 *** SYSTEM FATAL MESSAGE 6034 (XQAROS)
ATTEMPT BY INSTRUCTION %1 TO PERFORM RELATIONAL OPERATION ON LOGICAL VALUE

6034.2 *** SYSTEM FATAL MESSAGE 6034 (XQAROS)
ATTEMPT BY INSTRUCTION %1 TO PERFORM CHARACTER OPERATION ON NON-CHARACTER VALUE

6034.3 *** SYSTEM FATAL MESSAGE 6034 (XQAROS)
ATTEMPT BY INSTRUCTION %1 TO PERFORM ARITHMETIC OPERATION ON NON-NUMERIC VALUE

6035.0 *** SYSTEM FATAL MESSAGE 6035 (XQAROS)
ATTEMPT TO RAISE NEGATIVE %1 BASE TO A FRACTIONAL EXPONENT

6036.0 *** SYSTEM FATAL MESSAGE 6036 (XQAROS)
ATTEMPT TO DIVIDE BY %1 ZERO

6036.1 *** USER/SYSTEM FATAL/WARNING/INFORMATION MESSAGE 6036 (EVLMSG)
DIVIDE BY ZERO WAS DETECTED

6037.0 *** SYSTEM FATAL MESSAGE 6037 (XQAROS)
ATTEMPT BY INSTRUCTION %1 TO COMPARE COMPLEX EXPRESSIONS WITH RELATIONAL OPERATOR

6038.0 *** SYSTEM FATAL MESSAGE 6038 (XQAROS)

INVALID BLANK COMMON POINTER.
PROGRAMMER INFORMATION: BLANK COMMON POINTER VALUE = %1

6039.0 *** SYSTEM FATAL MESSAGE 6039 (XQALVL)
ATTEMPT BY INSTRUCTION %1 TO ASSIGN VALUE TO NON-VPS VARIABLE

6040.0 *** SYSTEM FATAL MESSAGE 6040 (XQAROS)
UNABLE TO ASSIGN (==) VALUE TO SPECIFIED VPS/DATABASE VARIABLE

6041.0 *** SYSTEM FATAL MESSAGE 6041 (XQALVL)
ATTEMPT BY INSTRUCTION %1 TO LOAD VALUE OF A NON-EXISTENT VPS OR DATABASE VARIABLE INTO THE ARGUMENT STORAGE ARRAY
PROGRAMMER INFORMATION: VPS/DATABASE POINTER = %2

6041.1 *** SYSTEM FATAL MESSAGE 6041 (XQALVL)
ATTEMPT BY INSTRUCTION %1 TO LOAD VALUE OF A NON-EXISTENT TEMPORARY VARIABLE INTO THE ARGUMENT STORAGE ARRAY
PROGRAMMER INFORMATION: TEMPORARY POINTER VALUE = %2

6041.2 *** SYSTEM FATAL MESSAGE 6041 (XQALVL)
ATTEMPT BY INSTRUCTION %1 TO LOAD VALUE FROM AN INVALID ADDRESS INTO THE ARGUMENT STORAGE ARRAY
PROGRAMMER INFORMATION: ADDRESS VALUE = %2

6042.0 *** SYSTEM FATAL MESSAGE 6042 (XQAROS)
ATTEMPT TO PERFORM %1 OPERATION %2 BETWEEN %3 AND %4 DATA

6043.0 *** SYSTEM FATAL MESSAGE 6043 (XQAROS)
UNABLE TO EVALUATE EXPRESSIONS OF OSCAR TYPE %1

6044.0 *** SYSTEM FATAL MESSAGE 6044 (XQASVL)
ATTEMPT BY INSTRUCTION %1 TO STORE A NON-ARGUMENT VALUE IN THE ARGUMENT STORAGE ARRAY
PROGRAMMER INFORMATION: ARGUMENT POINTER VALUE = %2

6045.0 *** SYSTEM FATAL MESSAGE 6045 (XQASVL)
UNABLE TO STORE ARGUMENT VALUE IN ARGUMENT STORAGE ARRAY DURING %1 INSTRUCTION

6046.0 *** SYSTEM FATAL MESSAGE 6046 (XQFUNC)
ATTEMPT TO OPERATE ON NON-EXISTENT FUNCTION ARGUMENT

6047.0 *** USER FATAL MESSAGE 6047 (XQFNC2)
ILLEGAL %1 ARGUMENT GIVEN FOR %2 FUNCTION.

6048.0 *** SYSTEM FATAL MESSAGE 6048 (XQFNC7)
SQRT FUNCTION ATTEMPTED ON NEGATIVE %1 VALUE.

6048.1 *** SYSTEM FATAL MESSAGE 6048 (XQFNC5)
MOD FUNCTION ATTEMPTED ON ZERO %1 VALUE

6048.2 *** SYSTEM FATAL MESSAGE 6048 (XQFNC5)
COMMON LOGARITHM FUNCTION ATTEMPTED ON INVALID %1 VALUE.

6048.3 *** SYSTEM FATAL MESSAGE 6048 (XQFNC5)
USER-DEFINED BASE LOGARITHM FUNCTION ATTEMPTED ON INVALID %1 VALUE.

6048.4 *** SYSTEM FATAL MESSAGE 6048 (XQFNC5)
NATURAL LOGARITHM FUNCTION ATTEMPTED ON INVALID %1 VALUE.

6048.5 *** SYSTEM FATAL MESSAGE 6048 (XQFNC2)
ARC HYPERBOLIC SINE FUNCTION ATTEMPTED ON INVALID %1 VALUE.

6048.6 *** SYSTEM FATAL MESSAGE 6048 (XQFNC2)
ARC HYPERBOLIC COSINE FUNCTION ATTEMPTED ON INVALID %1 VALUE.

6048.7 *** SYSTEM FATAL MESSAGE 6048 (XQFNC1)
ARC SINE FUNCTION ATTEMPTED ON INVALID %1 VALUE.

6048.8 *** SYSTEM FATAL MESSAGE 6048 (XQFNC1)
ARC COSINE FUNCTION ATTEMPTED ON INVALID %1 VALUE.

6049.0 *** SYSTEM FATAL MESSAGE 6049 (XQFNC4)
NON-CHARACTER CONSTANT/VARIABLE FOUND, WHERE CHARACTER CONSTANT/VARIABLE EXPECTED IN FUNCTION INDEXSTR.

6050.0 *** USER WARNING MESSAGE 6050
THE ATTEMPT TO WRITE VALUE INTO /SYSTEM/ CELL %1 HAS FAILED
USER INFORMATION: THE SYSTEM CELL NUMBER IS OUTSIDE THE VALID RANGE. THE %2 ATTEMPT IS IGNORED.

6050.1 *** USER WARNING MESSAGE 6050
THE ATTEMPT TO READ VALUE FROM /SYSTEM/ CELL %1 HAS FAILED
USER INFORMATION: THE SYSTEM CELL NUMBER IS OUTSIDE THE VALID RANGE. THE %2 ATTEMPT IS IGNORED.

6051.0 *** USER WARNING MESSAGE 6051
THE ATTEMPT TO TURN ON DIAG %1 HAS FAILED
USER INFORMATION: THE DIAG REQUESTED IS OUTSIDE THE VALID RANGE OF DIAGS. THE %2 ATTEMPT IS IGNORED.

6051.1 *** USER WARNING MESSAGE 6051 (XQFNC3)
THE ATTEMPT TO TURN OFF DIAG %1 HAS FAILED
USER INFORMATION: THE DIAG REQUESTED IS OUTSIDE THE

VALID RANGE OF DIAGS. THE %2 ATTEMPT IS IGNORED.

6052.0 *** USER WARNING MESSAGE 6052
INVALID DIAG WORD WRITE REQUEST FOR DIAG WORD %1
USER INFORMATION: ONLY 2 DIAG WORDS EXIST IN THE PROGRAM
WORD 1 - DIAGS 1 THROUGH 32 (ASSUMED WHEN ERROR OCCURS)
WORD 2 - DIAGS 33 THROUGH 64

6052.1 *** USER WARNING MESSAGE 6052 (XQFNC4)
INVALID DIAG WORD READ REQUEST FOR DIAG WORD %1
USER INFORMATION: ONLY 2 DIAG WORDS EXIST IN THE PROGRAM
WORD 1 - DIAGS 1 THROUGH 32 (ASSUMED WHEN ERROR OCCURS)
WORD 2 - DIAGS 33 THROUGH 64

6059.0 *** SYSTEM FATAL MESSAGE 6059 (DIOMSG)
NO ERROR MESSAGE EXISTS FOR DIOMSG INTERNAL CODE NUMBER %1 CALLED FROM %2

6060.0 *** USER FATAL MESSAGE 6060 (DBC)
*** DIOMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
DATA BASE UNIT %3 IS OUT OF RANGE.

6061.0 *** USER WARNING MESSAGE 6061 (DBC)
*** DIOMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
DATA BASE %3 NOT OPENED, NO ACTION TAKEN.

6061.1 *** USER WARNING MESSAGE 6061 (DBC)
*** DIOMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
DATA BASE %3 OPENED FOR READONLY, NO ACTION TAKEN.

6061.2 *** USER WARNING MESSAGE 6061 (DBC)
*** DIOMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
THE FOLLOWING LOGICAL FILE WAS LEFT OPEN AT DATABASE CLOSE, FORCE CLOSING
%3

6061.3 *** USER WARNING MESSAGE 6061 (DBC)
*** DIOMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
THE FOLLOWING LOGICAL FILE WAS OPEN AT THE TIME A PURGE WAS REQUESTED
NO PURGE ACTION WAS TAKEN FOR LOGICAL FILE
%3

6062.0 *** SYSTEM FATAL ERROR 6062 (DBC)
*** DIOMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
BLOCK REQUEST FROM DATA BASE UNIT %3, WHICH IS CLOSED.

6062.1 *** SYSTEM FATAL ERROR 6062 (DBC)
*** DIOMSG ERROR MESSAGE %1 FROM SUBROUTINE %2

BLOCK %3 REQUESTED FROM DATA BASE UNIT %4, WHICH IS OPEN FOR READONLY.

6062.2 *** SYSTEM FATAL ERROR 6062 (DBC)
*** DIOMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
INSUFFICIENT SPACE ALLOCATED FOR DATA BASE UNIT %3.

6062.3 *** SYSTEM FATAL ERROR 6062 (DBC)
*** DIOMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
OVERFLOW OF DICTIONARY PRIMARY INDEX FOR DATA BASE UNIT %3.
User information:
Try adding a RECL keyword to the ASSIGN DBC card with a value greater than the default of 1024.

6062.4 *** SYSTEM FATAL ERROR 6062 (DBC)
*** DIOMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
BUFFER LOCKING PROBLEMS ON POOL FOR DATA BASE UNIT %3, BLOCK %4
POSSIBLE MULTIPLE LOGICAL FILES ASSIGNED TO THE SAME DATA RELATION.

6062.5 *** SYSTEM FATAL ERROR 6062 (DBC)
*** DIOMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
FREE BUFFER POOL SPACE EXHAUSTED, REDUCE NUMBER OF LOGICAL FILES OR INCREASE SPACE.

6062.6 *** SYSTEM FATAL ERROR 6062 (DBC)
*** DIOMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
LOGIC ERROR, DICTIONARY PRIMARY BLOCK ON DEAD CHAIN FOR DATA BASE %3.

6062.7 *** SYSTEM FATAL ERROR 6062 (DBC)
*** DIOMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
UNABLE TO FIND ENTRY %3 ON SI BLOCK %4, WHICH HAD BEEN PREVIOUSLY FOUND.
DISK ERROR OR MEMORY OVER WRITE ASSUMED.

6062.8 *** SYSTEM FATAL ERROR 6062 (DBC)
*** DIOMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
UNABLE TO FIND ENTRY %3 ON PI BLOCK %4, WHICH HAD BEEN PREVIOUSLY FOUND.
DISK ERROR OR MEMORY OVER WRITE ASSUMED.

6062.9 *** SYSTEM FATAL ERROR 6062 (DBC)
*** DIOMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
PROGRAMMING ERROR. LENGTH OF DICTIONARY ENTRIES CHANGED, BUT CLOSGR NOT INFORMED.

6062.10 *** SYSTEM FATAL ERROR 6062 (DBC)
*** DIOMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
DICTIONARY OR DICTIONARY NAME FOR FILE %3 CORRUPTED.

UNABLE TO CLOSE DATA BLOCK.

6062.11 *** SYSTEM FATAL ERROR 6062 (DBC)
*** DIOMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
LOGICAL DATA BASE %3 IS MISSING DDL WITH SWAP CONDITION %4.

6062.12 *** SYSTEM FATAL ERROR 6062 (DBC)
*** DIOMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
LOGICAL DATA BASE %3 IS MISSING THE BLOCK NUMBER FOR DDL VERSION %4.

6062.13 *** SYSTEM FATAL ERROR 6062 (DBC)
*** DIOMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
OBJECT %3 ENTRY LENGTH AND DATA DEFINITION IS INCONSISTENT FOR HETEROGENOUS OPERATIONS.
TRANSMIT AND RECEIVE MUST BE USED TO MIGRATE XDB BETWEEN PLATFORMS.

6063.0 *** SYSTEM WARNING MESSAGE 6063 (DBCMSG)
NO ERROR MESSAGE EXISTS FOR DBCMSG INTERNAL CODE NUMBER %1 CALLED FROM %2.

6064.0 *** USER WARNING MESSAGE 6064 (DBC)
*** DBCMSG WARNING MESSAGE %1 FROM SUBROUTINE %2
%3 ELEMENT %4 HAS BEEN UPDATED.

6064.1 *** SYSTEM WARNING MESSAGE 6064 (DBC)
*** DBCMSG WARNING MESSAGE %1 FROM SUBROUTINE %2
%3 IS AN INVALID OPTION OR KEYWORD.

6064.2 *** SYSTEM WARNING MESSAGE 6064 (DBC)
*** DBCMSG WARNING MESSAGE %1 FROM SUBROUTINE %2
FORTRAN LOGICAL UNIT %3 HAS NOT BEEN ASSIGNED.

6064.3 *** SYSTEM WARNING MESSAGE 6064 (DBC)
*** DBCMSG WARNING MESSAGE %1 FROM SUBROUTINE %2
FORTRAN LOGICAL UNIT %3 IS NOT DEFINED AS A DBC MODULE DATA BASE UNIT.

6064.4 *** SYSTEM WARNING MESSAGE 6064 (DBC)
*** DBCMSG WARNING MESSAGE %1 FROM SUBROUTINE %2
%3 PROPERTY %4 HAS BEEN UPDATED.

6064.5 *** SYSTEM WARNING MESSAGE 6064 (DBC)
*** DBCMSG WARNING MESSAGE %1 FROM SUBROUTINE %2
COORDINATE SYSTEM TRANSFORMATION %3 HAS BEEN UPDATED.

6065.0 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
UNABLE TO OPEN OUTPUT RELATION %3 RETURN CODE =%4.

6065.1 *** SYSTEM WARNING MESSAGE 6065 (DBC)

*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
PREMATURE END OF FILE ENCOUNTERED READING ECT.

6065.2 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
ELEMENT %3 GRID POSITION %4 CONTAINS AN INVALID
INTERNAL INDEX.

6065.3 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
MISSING %3 LOGICAL FILE %4 FOR SEID %5, DBSET %6.

6065.4 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
BAD TRAILER FOR %3 LOGICAL FILE %4 FOR SEID %5, DBSET %6.

6065.5 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
INCONSISTENT GEOMETRY TRAILERS DETECTED FOR SEID %3,
DBSET %4.

6065.6 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
INSUFFICIENT MEMORY TO PROCESS RELATIONAL
REQUIREMENTS.

6065.7 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
OPEN FAILURE FOR %3 LOGICAL FILE %4 FOR SEID %5, DBSET %6.

6065.8 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
PREMATURE EOF FOR %3 LOGICAL FILE %4 FOR SEID %5, DBSET
%6.

6065.9 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
PREMATURE EOR FOR %3 LOGICAL FILE %4 FOR SEID %5, DBSET
%6.

6065.10 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
DATA BASE PURGE PROBLEM FOR RELATION %3 RETURN CODE =
%4.

6065.11 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
DATA BASE WRITE RELATION PROBLEM FOR %3 RETURN CODE =
%4.

6065.12 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
UNABLE TO OPEN INPUT RELATION %3 RETURN CODE = %4.

6065.13 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
SEQUENTIAL READ PROBLEMS FOR RELATION %3 RETURN FLAGS = %4.

6065.14 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
ELEMENT %3 WAS A %4 AND IS CURRENTLY A %5
UPDATE MODE DOES NOT ALLOW FOR ELEMENTS TO CHANGE TYPES.

6065.15 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
MEMORY LOAD PROBLEM FOR %3 FOR SEID %4, DBSET %5.

6065.16 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
LIST ALIGNMENT PROBLEMS PROCESSING %3 FOR SEID %4, DBSET %5.

6065.17 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
EXTERNAL GRID ID %3 DOES NOT MEET UPDATE ASSUMPTIONS, CHECK MODEL BEFORE PROCEEDING.

6065.18 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
INVALID OFP FILE FORMAT CODE DETECTED, WANTED %3, ENCOUNTERED %4.

6065.19 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
SOLUTION APPROACH CODE %3 IS NOT SUPPORTED.

6065.20 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
DATA BASE READ RELATION PROBLEM FOR %3 RETURN CODE = %4.

6065.21 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
OUTPUT LIST SYNCHRONIZATION PROBLEM FOR %3 VALUE = %4, POSITION = %5.

6065.22 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
SORT-2 STATIC SOLUTION RECOVERY IS NOT SUPPORTED.

6065.23 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
FORM UPDATE FOR RELATION %3 INVALID, OLD FORM %4 NEW FORM %5.

6065.24 *** SYSTEM WARNING MESSAGE 6065 (DBC)

*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
INVALID MODE DETECTED FOR OPTION %3, MODE = %4.

6065.25 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
LIST AREA EXCEEDED, CURRENT SIZE IS 500 TERMS.

6065.26 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
CONFLICT DETECTED WITH SEID AS PARAMETER AND PATH QUALIFIER
PARAMETER IS %3, PATH QUALIFIER IS %4.

6065.27 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
RELATION %3 HAS LENGTHENED FROM ASSUMED DEFINITION.

6065.28 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
EXTERNAL ELEMENT IDENTIFICATION %3 CAN NOT BE LOCATED IN EQEXIN TABLE.

6065.29 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
P-ELEMENT TYPE %3 IS UNKNOWN.

6065.30 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
P-ELEMENT TYPE %3 LENGTH HAS CHANGED ASSUMED VALUE.

6065.31 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
CONVECTIVE COORDINATE SYSTEMS ARE NOT SUPPORTED.

6065.32 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
AN UNKNOWN ELEMENT TYPE HAS BEEN ENCOUNTERED.

6065.33 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
ELEMENT %3 WAS PREVIOUSLY %4 AND IS CURRENTLY A %5
THE DBC MODULES ASSUMPTIONS ARE UNIQUE ELEMENT IDENTIFICATIONS WITHIN A SUPERELEMENT OR RESIDUAL STRUCTURE.

6065.34 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
OUTPUT LIST PROCESSING IS NOT SUPPORTED FOR ACCESS APPROACH %3.

6065.35 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
31 BIT ACCESS KEY WILL BE EXCEEDED, GRID/ELEMENT INDEX %3 QUALIFIER FACTOR %4.

USER ACTION: SUPPLY PARAM,DBCDIAG,4 TO DETERMINE DBC TRANSLATIONAL FAILURE POINT.
THEN CONTACT NX NASTRAN REPRESENTATIVE FOR POSSIBLE AVOIDANCE.

6065.36 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
OUTPUT LIST DOES NOT MATCH EXISTING IN THE DATABASE, MERGE/RESTART OPERATION IMPOSSIBLE.

6065.37 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
THE CURRENT OUTPUT LIST LENGTH =%3 EXCEEDS PRESET LIST FACTOR OF %4.
USER ACTION: CHECK RC FILE FOR DBCFACT (SYSTEM(274)=1) USING PRE V70.5 TRANSLATION CONVENTIONS.

6065.38 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
ELEMENT %3, SIL %4, CAN NOT BE LOCATED IN CONNECTION LIST, ELEMENT IGNORED.

6065.39 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
THE AEROELASTIC CONFIGURATION NAME %3 CAN NOT BE RESOLVED.

6065.40 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
THE AEROELASTIC CONFIGURATION NAME %3 DID NOT MATCH PREVIOUSLY STORED AT PATH %4.

6065.41 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
THE MATRICES SUPPLIED DO NOT HAVE CONFORMABLE SIZES; ROWS COLUMNS OR PRECISION.

6065.42 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
MATRIX ROW CONSISTENCY CHECK FALUIRE; MATRIX %3 TABLE %4.

6065.43 *** SYSTEM WARNING MESSAGE 6065 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
MATRIX COLUMN CONSISTENCY CHECK FALUIRE; MATRIX %3 TABLE %4.

6066.0 *** SYSTEM WARNING MESSAGE 6066 (DBC)
*** DBCMSG ERROR MESSAGE %1 FROM SUBROUTINE %2
THE DBC MODULE HAS BEEN TERMINATED BECAUSE OF THE ABOVE FATAL DBC ERROR.
USER INFORMATION: SUBSEQUENT DBC CALLS WILL NOT BE

EXECUTED, AND THE DATABASE CONVERSION IS INCOMPLETE.

6067.0 *** USER FATAL MESSAGE 6067 (IFS3P)
MAXIMUM LIMIT OF 40 PLIES EXCEEDED ON THE PSOLIDL BULK DATA ENTRY PID = %1
USER ACTION: CHECK AND MODIFY THE PSOLIDL BULK DATA ENTRY

6069.0 *** SYSTEM FATAL MESSAGE 6069 (LFBSS)
SYMMETRIC LEFT HANDED FBS IS CALLED TO SOLVE A COMPLEX SINGLE OR DOUBLE PRECISION SYSTEM WITH CHOLESKY FACTOR
System information:
This option is not supported.

6070.0 *** SYSTEM FATAL MESSAGE 6070 (LFBSS)
ERROR IN READING THE FACTOR IN SYMMETRIC LEFT-HANDED FBS

6072.0 *** SYSTEM FATAL MESSAGE 6072 (LFBSU)
INCORRECT PIVOTING INSTRUCTIONS IN UNSYMMETRIC FACTOR DURING A LEFT-HANDED FBS
System information:
See the NX NASTRAN Numerical Methods User's Guide.

6073.0 *** SYSTEM FATAL MESSAGE 6073 (LFBSU)
ERROR IN READING THE FACTOR IN UNSYMMETRIC LEFT-HANDED FBS

6074.0 *** SYSTEM FATAL MESSAGE 6074 (LFBTIM)
ERROR IN READING THE FACTOR IN LEFT-HANDED FBS
System information:
See the NX NASTRAN Numerical Methods User's Guide.

6080.0 *** USER WARNING MESSAGE 6080 (TMALOC)
THE TIMING CONSTANTS DATA BLOCK TIMEBLK NOT FOUND ON THE DELIVERY DATABASE FOR:
MACHINE = %1 CONFIG = %2 OPERASYS = %3 OPERALEV = %4 SUBMODEL= %5
LOADING DEFAULT TIMING CONSTANTS DATA BLOCK FOR:
MACHINE = %6 CONFIG = %7 OPERASYS = %8 OPERALEV = %9 SUBMODEL= %10
MODULE TIMING ESTIMATES INACCURATE AND MAY CAUSE INEFFICIENT JOB EXECUTION
USER ACTION: ADD TIMEBLK TO DELIVERY FILE OR USE NASTRAN STATEMENT TO SPECIFY THE MACHINE
(SEE CONFIGURATION AND OPERATION GUIDE FOR THE MACHINE).

6080.1 *** USER WARNING MESSAGE 6080 (TMALOC)
THE TIMING CONSTANTS DATA BLOCK TIMEBLK NOT FOUND ON THE DELIVERY DATABASE FOR:

MACHINE = %1 CONFIG = %2 OPERASYS = %3 OPERALEV = %4
SUBMODEL= %5
LOADING DEFAULT TIMING CONSTANTS DATA BLOCK FOR:
MACHINE = %6 CONFIG = %7 OPERASYS = %8 OPERALEV = %9
SUBMODEL= %10
MODULE TIMING ESTIMATES INACCURATE AND MAY CAUSE
INEFFICIENT JOB EXECUTION
USER ACTION: ADD TIMEBLK TO DELIVERY FILE OR USE THE
EMAS STATEMENT TO SPECIFY THE MACHINE
(SEE MSC.EMAS INSTALLATION PROCEDURE).

6080.2 *** USER WARNING MESSAGE 6080 (SETKRN)
THE TIMING CONSTANTS DATA BLOCK TIMEBLK NOT FOUND ON
THE DELIVERY DATABASE FOR:
MACHINE = %1 CONFIG = %2 OPERASYS = %3 OPERALEV = %4
SUBMODEL = %5
ZERO TIMING CONSTANTS BEING USED
MODULE TIMING ESTIMATES INACCURATE AND MAY CAUSE
INEFFICIENT JOB EXECUTION
USER ACTION: ADD TIMEBLK TO DELIVERY FILE OR USE
NASTRAN STATEMENT TO SPECIFY THE MACHINE
(SEE CONFIGURATION AND OPERATION GUIDE FOR THE
MACHINE).

6080.3 *** USER WARNING MESSAGE 6080 (SETKRN)
THE TIMING CONSTANTS DATA BLOCK TIMEBLK NOT FOUND ON
THE DELIVERY DATABASE FOR:
MACHINE = %1 CONFIG = %2 OPERASYS = %3 OPERALEV = %4
SUBMODEL = %5
ZERO TIMING CONSTANTS BEING USED
MODULE TIMING ESTIMATES INACCURATE AND MAY CAUSE
INEFFICIENT JOB EXECUTION
USER ACTION: ADD TIMEBLK TO DELIVERY FILE OR USE THE
EMAS STATEMENT TO SPECIFY THE MACHINE
(SEE MSC.EMAS INSTALLATION PROCEDURE).

6080.4 *** USER WARNING MESSAGE 6080 (SETKRN)
THE TIMING CONSTANTS DATA BLOCK TIMEBLK NOT FOUND ON
THE DELIVERY DATABASE FOR:
MACHINE = %1 CONFIG = %2 OPERASYS = %3 OPERALEV = %4
SUBMODEL = %5
AN OLD VERSION TIMING CONSTANTS BEING USED
MODULE TIMING ESTIMATES INACCURATE AND MAY CAUSE
INEFFICIENT JOB EXECUTION
USER ACTION: ADD TIMEBLK TO DELIVERY FILE OR USE THE
EMAS STATEMENT TO SPECIFY THE MACHINE
(SEE CONFIGURATION AND OPERATION GUIDE FOR THE
MACHINE).

6081.0 *** USER FATAL MESSAGE 6081 (TIMTS3)
VALUE OF P2 CANNOT BE LESS THAN 64

6082.0 *** USER FATAL MESSAGE 6082 (TIMTS7)
THE RETURNED TIME NEEDED TO DO THE TASK
CANNOT BE EQUAL TO THE VALUE ZERO.
USER ACTION: INCREASE THE VALUE OF P1 FOR TIMTS7

6082.1 *** USER FATAL MESSAGE 6082 (TIMTS3)
THE RETURNED TIME NEEDED TO DO THE TASK
CANNOT BE EQUAL TO THE VALUE ZERO.
USER ACTION: INCREASE THE VALUE OF P1 FOR TIMTS3

6083.0 *** USER FATAL MESSAGE 6083 (TIMTS4)
THE RETURNED TIME NEEDED TO DO THE TASK
CANNOT BE EQUAL TO THE VALUE ZERO.
USER ACTION: INCREASE THE VALUE OF P1 FOR TIMTS4

6084.0 *** SYSTEM FATAL MESSAGE 6084 (TIMTS5)
ERROR IN MPYAD METHOD SELECTION, MPYAD CALLED FORM WITHIN TIMTS5
USER ACTION: EXECUTION OF TIMTS5 IS OPTIONAL AND CAN BE DELETED FROM THE TIMETEST RUN

6127.0 *** USER FATAL MESSAGE 6127
*** MAT2, MAT9 OR MAT11 CARD MAY NOT BE COMBINED WITH NLELAST TYPE ON MATS1.

6133.0 *** USER FATAL MESSAGE 6133 (DFMNRS/D)
SINGULAR MATRIX IN SPARSE DECOMPOSITION AT ROW = %1
USER ACTION: CHECK MODEL
User information:
This message is often followed by UFM 4645, UWM 4646, or UWM 4648.

6133.1 *** USER FATAL MESSAGE 6133
SINGULAR MATRIX IN SPARSE DECOMPOSITION
USER ACTION: CHECK MODEL
User information:
This message is often followed by UFM 4645, UWM 4646, or UWM 4648.

6134.0 *** USER FATAL MESSAGE 6134 (DFMNRS/D)
MATRIX IS NOT POSITIVE DEFINITE IN SPARSE DECOMPOSITION AT ROW = %1
USER ACTION: CHECK MODEL
User information:
This message is often followed by UFM 4645, UWM 4646, or UWM 4648.

6134.1 *** USER FATAL MESSAGE 6134
MATRIX IS NOT POSITIVE DEFINITE IN SPARSE DECOMPOSITION
USER ACTION: CHECK MODEL
User information:
This message may be issued if the FBS module is using a sparse method

to solve factors which are not decomposed by the sparse method. This message can also be caused by a compatibility or database integrity problem.

6134.2 *** USER WARMING MESSAGE 6134
MAT2 MID=%1 MATRIX IS NOT POSITIVE DEFINITE
USER ACTION: CHECK MODEL

6136.0 *** USER WARNING/FATAL MESSAGE 6136 (DFMNRS/D)
INSUFFICIENT CORE FOR NUMERIC PHASE OF SPARSE DECOMPOSITION.
USER ACTION: INCREASE CORE BY %1 WORDS

6136.1 *** USER WARNING/FATAL MESSAGE 6136 (DFMNRS/D)
INSUFFICIENT CORE FOR NUMERIC PHASE OF SPARSE DECOMPOSITION.
USER ACTION: INCREASE CORE BY AN ESTIMATED %1 K WORDS.
WARNING: THE ABOVE NUMBER IS ONLY AN ESTIMATE, THE ACTUAL CORE SIZE NEEDED MAY BE HIGHER.

6136.3 *** USER WARNING/FATAL MESSAGE 6136 (DFMSAP)
INSUFFICIENT CORE FOR SYMBOLIC PHASE OF SPARSE DECOMPOSITION.
USER ACTION: INCREASE CORE BY %1 K WORDS.
User information:
If this message is issued in the symbolic phase, the memory estimate is not necessarily conservative and even more memory may be required (although this estimate is fairly accurate for Version 68). Also, the memory increase required is only for the symbolic phase. It is not unusual for the decomposition phase to require more memory than the symbolic phase. To increase the chances for a successful run, increase the memory even more than the amount indicated in this message. After the run is complete, determine the amount of memory actually used and use this as a guideline for similar runs in the future.
The user information message is written if SYSTEM(166) = 1 (that is, if there is not enough memory for sparse decomposition, then switch to regular decomposition).

6136.4 *** USER WARNING/FATAL MESSAGE 6136
INSUFFICIENT CORE FOR NUMERIC PHASE OF SPARSE DECOMPOSITION.
USER ACTION: INCREASE CORE BY %1 K WORDS

6136.5 *** USER WARNING/FATAL MESSAGE 6136
INSUFFICIENT CORE FOR NUMERIC PHASE OF SPARSE DECOMPOSITION.
USER ACTION: INCREASE CORE BY AN ESTIMATED %1 K WORDS BUT NOTE THAT IT IS ONLY AN
ESTIMATE AND THE ACTUAL CORE SIZE NEEDED MAY BE HIGHER.

6137.0 *** USER INFORMATION MESSAGE 6137 (DFMN)
INPUT MATRIX TO DECOMPOSITION HAS %1 SINGULARITIES.
SEE FOLLOWING MESSAGES FOR DETAILS.

6137.1 *** USER WARNING MESSAGE 6137
INPUT MATRIX IS RANK DEFICIENT, RANK = %1.
USER ACTION: CHECK MODEL
User information:
One of your matrices is singular. See the NX NASTRAN Numerical Methods User's Guide. for a discussion of singularity.

6137.2 *** USER INFORMATION MESSAGE 6137 (FRDSMP)
INPUT MATRIX TO DECOMPOSITION IS SINGULAR AT COLUMN %1.

6138.0 *** USER FATAL MESSAGE 6138 (DFMSB)
INSUFFICIENT CORE FOR SPARSE FBS
USER ACTION: INCREASE CORE BY %1 WORDS
User information:
See UFM 6136.

6138.1 *** USER FATAL MESSAGE 6138 (UFBSS)
INSUFFICIENT CORE FOR SPARSE UNSYMMETRIC FBS
USER ACTION: INCREASE CORE BY %1 WORDS

6142.0 *** USER INFORMATION MESSAGE 6142 (FA2)
THE K OR KE METHOD OF FLUTTER ANALYSIS HAS FOUND A ROOT THAT HAS NO PHYSICAL INTERPRETATION.
NOTE THAT TO OBTAIN PHYSICALLY MEANINGFUL V-G AND V-F PLOTS, XMIN,XMAX,YMIN,YMAX VALUES
MUST BE EXPLICITLY SET IN THIS CASE.

6143.0 *** SYSTEM FATAL MESSAGE 6143 (DUPART)
THE SIZES OF THE INPUT MATRICES AND THE DOF SETS ARE INCOMPATIBLE. SPECIFICALLY:

6144.0 *** SYSTEM FATAL MESSAGE 6144 (PARTN1)
THE SIZES OF THE INPUT MATRICES AND PARTITIONING VECTORS ARE INCOMPATIBLE. SPECIFICALLY:

6146.0 *** SYSTEM FATAL MESSAGE 6146
ELEMENT TYPE =%1 IS NOT SUPPORTED IN ACOUSTIC ANALYSIS.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: GP5 MODULE FAILED TO RECOGNIZE THIS ELEMENT TYPE CHECK GPTABD ROUTINE.

6146.15 *** SYSTEM FATAL MESSAGE 6146, (GP0B),
ELEMENT TYPE =%1 IS NOT SUPPORTED IN P-ELEMENT ANALYSIS.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

PROGRAMMER INFORMATION: GP0 MODULE FAILED TO RECOGNIZE THIS ELEMENT TYPE CHECK GPTABD ROUTINE.

6147.0 *** SYSTEM FATAL MESSAGE 6147 (GP5I),
AN INCORRECT ELEMENT FACE CONNECTION TABLE HAS BEEN CREATED.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: ELEMENT FACE CONNECTION TABLE BUILDING PROCEDURE FAILED IN GP5I ROUTINE.

6147.1 *** SYSTEM FATAL MESSAGE 6147
AN INCORRECT ELEMENT FACE CONNECTION TABLE HAS BEEN CREATED.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: ELEMENT FACE CONNECTION TABLE BUILDING PROCEDURE FAILED IN GP5A ROUTINE.

6148.0 *** USER WARNING MESSAGE 6148,
NO ACOUSTIC ELEMENTS FOUND IN THE BULK DATA.
USER ACTION: CHECK PSOLID DATA, MAKE SURE FIELD 8 CONTAINS BCD WORD (PFLUID) FOR SELECTED
ACOUSTIC ELEMENTS.

6149.0 *** USER FATAL MESSAGE 6149,
THREE OR MORE FLUID GRID POINTS HAVE IDENTICAL COORDINATES.
USER ACTION: CHECK GRIDS AND/OR SET1 BULK DATA ENTRIES WHICH ARE REFERENCED ON PANEL
OR ACMODL ENTRIES.

6150.0 *** USER FATAL MESSAGE 6150,
FOUND GRID POINTS WITH IDENTICAL COORDINATES, WHICH ARE NOT CLASSIFIED
AS FLUID OR STRUCTURAL GRIDS.
USER ACTION: CHECK GRIDS AND/OR SET1 BULK DATA ENTRIES WHICH ARE REFERENCED ON PANEL
OR ACMODL ENTRIES.

6151.0 *** USER WARNING MESSAGE 6151,
ACOUSTIC COUPLING
MATRIX WILL NOT BE CREATED FOR FACE =%1
OF ELEMENT ID =%2 ,BECAUSE ITS FLUID GRID POINTS DO NOT HAVE CORRESPONDING STRUCTURAL GRID
POINTS.
USER ACTION: IF COUPLING IS DESIRED, THEN CHECK GRID POINT DATA.

6151.1 *** USER WARNING MESSAGE 6151,
ACOUSTIC COUPLING MATRIX WILL NOT BE CREATED FOR FACE

=%1
OF ELEMENT ID =%2 ,BECAUSE ALL ITS STRUCTURAL GRID POINTS DO NOT LIE INSIDE THE FLUID BOUNDARY POINTS.
USER ACTION: IF COUPLING IS DESIRED, THEN CHECK GRID POINT DATA.

6151.2 *** USER WARNING MESSAGE 6151,
SET1/SET3 ID =%1 IS NOT UNIQUE.
USER ACTION: MAKE ALL SET1/SET3 ID NUMBERS UNIQUE.

6151.3 *** USER WARNING MESSAGE 6151,
ACOUSTIC COUPLING
MATRIX WILL NOT BE CREATED FOR FACE =%1
OF ELEMENT ID =%2 ,BECAUSE ITS FLUID GRID POINTS DO NOT HAVE CORRESPONDING STRUCTURAL GRID POINTS.
USER ACTION: IF COUPLING IS DESIRED, THEN CHECK GRID POINT DATA.

6152.0 *** USER WARNING MESSAGE 6152,
ACOUSTIC COUPLING MATRIX IS NOT CREATED FOR THIS MODEL.
USER ACTION: IF COUPLING IS DESIRED, THEN CHECK INPUT DATA.

6153.0 *** USER FATAL MESSAGE 6153.
NO FLUID OR STRUCTURAL GRIDS ARE REFERENCED ON SET1 ENTRIES.
USER ACTION: CHECK SET1 ENTRIES REFERENCED BY ACMODL ENTRIES.

6154.0 *** SYSTEM FATAL MESSAGE 6154.
GRID ID = %1 DOES NOT EXIST IN THE BGPDT TABLE.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: CHECK INTERNAL GRID ID TO EXTERNAL GRID ID CONVERSION LOGIC IN %2 ROUTINE.

6154.2 *** SYSTEM FATAL MESSAGE 6154.
GRID ID =%1 DOES NOT EXIST IN THE EQEXIN TABLE.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: CHECK INTERNAL GRID ID TO EXTERNAL GRID ID CONVERSION LOGIC IN GP5B ROUTINE.

6155.0 *** USER FATAL MESSAGE 6155.
SET1/SET3 ID =%1 DOES NOT EXIST.
USER ACTION: CHECK ALL SET1/SET3 DATA REFERENCED BY PANEL ENTRIES.

6155.1 *** USER FATAL MESSAGE 6155.

SET1 ID =%1 DOES NOT EXIST.
USER ACTION: CHECK ALL SET1 DATA REFERENCED BY ACMODL ENTRIES.

6156.0 *** USER FATAL MESSAGE 6156,
THERE ARE NO FLUID ELEMENTS IN CONTACT WITH STRUCTURAL ELEMENTS.
USER ACTION: CHECK INPUT DATA.

6157.0 *** SYSTEM FATAL MESSAGE 6157,
THE THIRD OUTPUT DATA BLOCK OF GP5 CANNOT NOT BE PURGED WHEN
MULTIPLE PANEL CAPABILITY IS REQUESTED.

6158.0 *** USER FATAL MESSAGE 6158.
A SET1 OR SET3 BULK DATA ENTRY WAS NOT SUPPLIED.

6158.1 *** USER FATAL MESSAGE 6158.
A SET1 BULK DATA ENTRY WAS NOT SUPPLIED.

6159.0 *** SYSTEM FATAL MESSAGE 6159 (GP5DA),
INTERMEDIATE FACE SORTING PROCESS FAILED.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6160.0 *** SYSTEM FATAL MESSAGE 6160 (GP5ED),
ELEMENT ID =%1 HAS A FACE ON THE FLUID/STRUCTURE BOUNDARY WHICH
IS NOT WELL DEFINED. THE GEOMETRY SUGGESTS THAT GRID9 LIES ON THE SAME PLANE AS THE FACE.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: CHECK THE PROCEDURE OBTAINING GRID9.

6161.0 *** USER FATAL MESSAGE 6161,
PANEL DATA DOES NOT EXIST.
USER ACTION: CHECK INPUT DATA.

6162.0 *** USER FATAL MESSAGE 6162,
GRID ID =%1 REFERENCED THROUGH (ALL) OPTION ON AN ACMODL ENTRY
DOES NOT LIE ON THE FLUID/STRUCTURE BOUNDARY.

6163.0 *** USER WARNING MESSAGE 6163,
THERE ARE NO ELEMENT FACES CORRESPONDING TO THE PANEL NAME =%1
USER ACTION: CHECK GRID IDS DEFINED FOR THIS PANEL.

6164.0 *** USER FATAL MESSAGE 6164,
THERE ARE NO FLUID ELEMENTS IN CONTACT WITH STRUCTURAL ELEMENTS.
FOR PANEL ID = %1

USER ACTION: CHECK PANEL BULK DATA ENTRY.

6165.0 *** USER FATAL MESSAGE 6165 (MODEPT)
THERE EXISTS A DIFFERENT NUMBERS OF TERMS IN RESISTANCE REACTANCE AND WEIGHTING FUNCTION TABLES
IDS = %1 RESPECTIVELY.

6167.0 *** USER FATAL MESSAGE 6167 (MODEPT)
THE TABLEDI ID = %1 ENTRY REFERENCED BY A PACABS ENTRY IS NOT A TABLED1 ENTRY.
USER INFORMATION:
THE PACABS ENTRY SHOULD ONLY REFERENCE A TABLED1 ENTRY.

6168.0 *** USER FATAL MESSAGE 6168 (MODEPT)
THE BULK DATA TABLED1 ENTRIES, ID =%1 HAS NO ACCEPTABLE VALUES BELOW CUTOFF FREQUENCY.

6168.1 *** USER FATAL MESSAGE 6168 (MODEPT)
THE BULK DATA TABLED1 ENTRIES, ID =%1 HAS NO ACCEPTABLE VALUES BELOW CUTOFF FREQUENCY.

6169.0 *** USER FATAL MESSAGE 6169,
FOUND TWO OR MORE STRUCTURAL GRID POINTS WITH IDENTICAL COORDINATES
WHICH LIE ON THE FLUID/STRUCTURE BOUNDARY.
USER ACTION: CHECK GRIDS AND/OR SET1 CARDS WHICH BELONG TO PANEL OR ACMODL CARDS.

6170.0 *** USER WARNING MESSAGE 6170 (MODEPT)
LEAST SQUARE FIT PROCESS HAS RESULTED IN A NEGATIVE MASS VALUE =%1 NO MASS MATRIX WILL BE GENERATED.

6170.1 *** USER WARNING MESSAGE 6170 (MODEPT)
LEAST SQUARE FIT PROCESS HAS RESULTED IN A NEGATIVE DAMPING VALUE =%1 NO DAMPING MATRIX WILL BE GENERATED.

6170.2 *** USER WARNING MESSAGE 6170 (MODEPT)
LEAST SQUARE FIT PROCESS HAS RESULTED IN A NEGATIVE STIFFNESS VALUE =%1 NO STIFFNESS MATRIX WILL BE GENERATED.

6171.0 *** USER FATAL MESSAGE 6171 (APD5)
WRONG NUMBER OF WORDS OR ENTRY NOT FOUND FOR AEFACT ID = %1 ASSOCIATED WITH CAERO5 ID = %2

6171.1 *** USER FATAL MESSAGE 6171 (APD4)
WRONG NUMBER OF WORDS OR ENTRY NOT FOUND FOR AEFACT ID = %1 ASSOCIATED WITH CAERO4 ID = %2

6171.2 *** USER FATAL MESSAGE 6171 (APD3)
WRONG NUMBER OF WORDS OR ENTRY NOT FOUND FOR AEFACT ID = %1 ASSOCIATED WITH CAERO3 ID = %2

6171.3 *** USER FATAL MESSAGE 6171 (APD2)
WRONG NUMBER OF WORDS OR ENTRY NOT FOUND FOR AEFACT ID = %1 ASSOCIATED WITH THE PAERO2 ENTRY
THAT IS REFERENCED BY CAERO2 ENTRY ID = %2

6172.0 *** USER FATAL MESSAGE 6172 (APD5)
THE NUMBER OF CAOCI ENTRIES ON PAERO5 ENTRY ID = %1 MUST EQUAL THE NUMBER OF STRIPS
SPECIFIED ON CAERO5 ENTRY ID = %2

6173.0 *** USER FATAL MESSAGE 6173. (EQD4D)
PLATE ELEMENTS MAY NOT BE OFFSET UNLESS BOTH MID1 AND MID2 ARE SUPPLIED.
IF OFFSETS ARE DESIRED FOR PLATES, SPECIFY MID1 AND MID2.
TINY MODULUS MAY BE SUPPORTED IF DESIRED.
User information:
Offsets were specified on the shell connection Bulk Data entry, CQUAD4, CTRIA3, CQUAD8, or CTRIA6, in field ZOFFS. Since offsets produce coupling between membrane and bending stiffness, then the PSHELL entry must include a specification of membrane and bending stiffness in fields MID1 and MID2, respectively.

6173.1 *** USER WARNING MESSAGE 6173.
THE SPECIFICATION OF OFFSET VECTORS GIVES WRONG RESULTS IN SOLUTION SEQUENCES
THAT COMPUTE DIFFERENTIAL STIFFNESS: LINEAR BUCKLING ANALYSIS PROVIDED IN
SOLS 5, 16, 105, 200, AND GEOMETRIC NONLINEAR ANALYSIS PROVIDED IN
SOLS 106, 129, 153, AND 159 WITH PARAMETER,LGDISP,1.

6173.2 *** USER FATAL MESSAGE 6173.
THE SPECIFICATION OF OFFSET VECTORS GIVES WRONG RESULTS IN SOLUTION SEQUENCES
THAT COMPUTE DIFFERENTIAL STIFFNESS: LINEAR BUCKLING ANALYSIS PROVIDED IN
SOLS 5, 16, 105, 200, AND GEOMETRIC NONLINEAR ANALYSIS PROVIDED IN
SOLS 106, 129, 153, AND 159 WITH PARAMETER,LGDISP,1.
NOTE: An override capability is available through System Cell (463) = 1 which
will allow the analysis to continue with a differential stiffness that is computed with ZERO offset.

6173.3 *** USER WARNING MESSAGE 6173.
*** THE SYSTEM CELL 463 HAS BEEN ACTIVATED ***
THE DIFFERENTIAL STIFFNESS WILL BE COMPUTED WITH A ZERO OFFSET.
NOTE:
THE SPECIFICATION OF OFFSET VECTORS GIVES WRONG

RESULTS IN SOLUTION
SEQUENCES THAT COMPUTE DIFFERENTIAL STIFFNESS: LINEAR BUCKLING ANALYSIS
PROVIDED IN SOLS 5, 16, 105, 200, AND GEOMETRIC NONLINEAR ANALYSIS
PROVIDED IN SOLS 106, 129, 153, AND 159 WITH PARAMETER,LGDISP,1.

6173.4 *** USER FATAL MESSAGE 6173.
THE SPECIFICATION OF OFFSET VECTORS GIVES WRONG RESULTS IN SOLUTION SEQUENCES
THAT COMPUTE DIFFERENTIAL STIFFNESS: LINEAR BUCKLING ANALYSIS PROVIDED IN
SOLS 5, 16, 105, 200, AND GEOMETRIC NONLINEAR ANALYSIS PROVIDED IN
SOLS 106, 129, 153, AND 159 WITH PARAMETER,LGDISP,1.
NOTE:
(1) An override capability is available through System Cell (463) = 1 which will allow the analysis to continue with a differential stiffness that is computed with ZERO offset.
(2) The CTRIAR and CQUADR elements do support differential stiffness with shell offsets. However, the CTRIAR and CQUADR are not supported in geometric nonlinear analysis. The CTRIA3 and CQUAD4 elements can automatically be converted to CTRIAR and CQUADR through SYSTEM CELL
(370) = 5. Be aware that loading conditions that generate follower forces should not be used with shell offset. Use PARAM,FOLLOWK,NO if follower boundary conditions are specified. More information is available in the remarks section of the Quick Reference Guide for CQUAD4 and CTRIA3.

6173.5 *** USER WARNING MESSAGE 6173.
THE SPECIFICATION OF OFFSET VECTORS SHOULD NOT BE USED WITH LOADING CONDITIONS
THAT GENERATE FOLLOWER FORCES. USE PARAM,FOLLOWK,NO IF FOLLOWER BOUNDARY
CONDITIONS ARE SPECIFIED.

6173.6 *** USER WARNING MESSAGE 6173
*** SHELL ELEMENTS WITH OFFSET GIVE WRONG RESULTS IN LINEAR BUCKLING ANALYSIS
PROVIDED IN SOLS 5, 16, 105, 200. RESULTS COMPUTED IN GEOMETRIC NONLINEAR
ANALYSIS (SOLS 106, 129, 153, AND 159 WITH PARAMETER,LGDISP,1) ARE CORRECT
IF THE SOLUTION CONVERGES.
NOTE:
(1) AN ALTERNATIVE IS TO REMODEL WITHOUT USING SHELLS

WITH OFFSET.
(2) The CTRIAR and CQUADR elements do support differential stiffness with shell offsets. However, the CTRIAR and CQUADR are not supported in geometric nonlinear analysis. The CTRIA3 and CQUAD4 elements can automatically be converted to CTRIAR and CQUADR through SYSTEM CELL
(370) = 5.

6174.0 *** USER FATAL MESSAGE 6174.
*** BEAM ELEMENTS WITH OFFSET GIVE WRONG RESULTS WITH NONLINEAR SOLUTIONS 106/129
BECAUSE THE OFFSET VECTOR REMAINS PARALLEL TO ITS ORIGINAL ORIENTATION.
NOTE:
(1) REMODEL WITHOUT USING BEAMS WITH OFFSET.
(2) An override capability is available through System Cell (463) = 1 which will allow the analysis to continue. The use of this System Cell in the context of a geometric nonlinear analysis with PARAM,LGDISP,1 may generate
incorrect results. Loading conditions that generate follower forces should not be used with the System Cell (463). Use PARAM,FOLLOWK,NO if follower
boundary conditions are specified.

6174.1 *** USER FATAL MESSAGE 6174.
*** CQUAD4 ELEMENTS WITH OFFSET GIVE WRONG RESULTS WITH MATERIAL NONLINEAR SOLUTIONS
106/129 (MATS1,CREEP) BECAUSE THE OFFSET VECTOR REMAINS PARALLEL TO ITS ORIGINAL
ORIENTATION.
NOTE:
(1) REMODEL WITHOUT USING SHELLS WITH OFFSETS.

6174.2 *** USER FATAL MESSAGE 6174.
*** CTRIA3 ELEMENTS WITH OFFSET GIVE WRONG RESULTS WITH MATERIAL NONLINEAR SOLUTIONS
106/129 (MATS1,CREEP) BECAUSE THE OFFSET VECTOR REMAINS PARALLEL TO ITS ORIGINAL
ORIENTATION.
NOTE:
(1) REMODEL WITHOUT USING SHELLS WITH OFFSETS.
QUAD4 ELEMENT WITH ID =%1
HAS AN INTERIOR ANGLE POSSIBLY GREATER THAN OR EQUAL 180 DEGREES.

6174.3 *** USER FATAL MESSAGE 6174.
*** CQUAD4 ELEMENT %1 WITH OFFSET GIVE WRONG RESULTS WITH NONLINEAR SOLUTIONS
(106/129) WHEN COMBINED WITH THERMAL LOADS.

NOTE:
(1) REMODEL WITHOUT USING SHELLS WITH OFFSETS.

6174.4 *** USER FATAL MESSAGE 6174.
*** CTRIA3 ELEMENT %1 WITH OFFSET GIVE WRONG RESULTS WITH NONLINEAR SOLUTIONS
(106/129) WHEN COMBINED WITH THERMAL LOADS.
NOTE:
(1) REMODEL WITHOUT USING SHELLS WITH OFFSETS.

6175.0 *** USER FATAL MESSAGE 6175 (ASGPRD)
A TRIM VARIABLE WITH TRIM ID = %1, LABEL = %2 IS CONSTRAINED MORE THAN ONCE.
USER ACTION: CHECK TRIM AND AELINK BULK DATA ENTRIES.

6176.0 *** USER FATAL MESSAGE 6176 (EQDRD)
ZOFFS FOR QUADR ELEMENT ARE NOT SUPPORTED

6176.1 *** USER FATAL MESSAGE 6176 (ETRRD)
ZOFFS FOR TRIAR ELEMENT ARE NOT SUPPORTED

6176.2 *** USER FATAL MESSAGE 6176. (TTRRD)
ZOFF IS NOT SUPPORTED FOR TRIAR ELEMENT.

6177.0 *** USER FATAL MESSAGE 6177 (APD0)
THE AEROS BULK DATA ENTRY, IN FIELD 3, ILLEGALLY REFERENCES A SPHERICAL OR CYLINDRICAL COORDINATE SYSTEM.

6177.1 *** USER FATAL MESSAGE 6177 (APD0)
THE AERO AND AEROS BULK DATA ENTRIES, IN FIELD 2, ILLEGALLY REFERENCE A SPHERICAL OR CYLINDRICAL COORDINATE SYSTEM.

6177.2 *** USER FATAL MESSAGE 6177 (APD0)
THE AERO BULK DATA ENTRY, IN FIELD 2, ILLEGALLY REFERENCES A SPHERICAL OR CYLINDRICAL COORDINATE SYSTEM.

6177.3 *** USER FATAL MESSAGE 6177 (APD0)
THE AEROS BULK DATA ENTRY, IN FIELD 2, ILLEGALLY REFERENCES A SPHERICAL OR CYLINDRICAL COORDINATE SYSTEM.

6178.0 *** USER FATAL MESSAGE 6178 (APD0)
AERO AND AEROS BULK DATA ENTRIES MUST REFER TO THE SAME COORDINATE SYSTEM ID FOR THE AERODYNAMIC COORDINATE SYSTEM.

6179.0 *** USER FATAL MESSAGE 6179 (APD0)
AERO AND AEROS BULK DATA ENTRIES MUST HAVE SAME SYMMETRY CONDITIONS.

6180.0 *** USER FATAL MESSAGE 6180 (APDCST)

CAERO 1, 3, 4 OR 5 BULK DATA ENTRY %1 HAS A ZERO PANEL SURFACE AREA.
USER INFORMATION: X12 AND X43 ARE MEASURED ALONG THE X AXIS OF AERODYNAMIC COORDINATE SYSTEM.
USER ACTION: CHECK THE COORDINATE DATA IN THIS ENTRY TOGETHER WITH THE AERODYNAMIC COORDINATE SYSTEM.

6181.0 *** USER FATAL MESSAGE 6181 (SMPYAD)
THE LAST INPUT MATRIX MUST BE UNTRANSPOSED
USER INFORMATION: THE TRANSPOSE FLAG PARAMETER CORRESPONDING TO THE LAST INPUT MATRIX
IN THE SMPYAD MODULE SPECIFICATION IS NOT ZERO
USER ACTION: ASSURE THAT THIS FLAG IS ZERO, WHICH IS THE DEFAULT

6182.0 *** USER FATAL MESSAGE 6182 (ADG)

6183.0 *** USER FATAL MESSAGE 6183 (MBAMG)
IMPROPER MACH BOX CONTROL POINTS, SINGULAR MATRIX RESULTED

6184.0 *** USER FATAL MESSAGE 6184 (MBAMG)
GENERATION OF BOXES FAILED WITH MACH BOX

6185.0 *** USER FATAL MESSAGE 6185 (PSTAMG)
MACH NUMBER %1 WAS NOT FOUND IN THE PISTON THEORY ALPHA ARRAY

6186.0 *** USER INFORMATION MESSAGE 6186 (NCONVG)
*** SOLUTION HAS CONVERGED ***

6187.0 *** USER INFORMATION MESSAGE 6187 (NCONVG)
BISECTION METHOD IS ACTIVATED DUE TO LARGE INCREMENTAL ROTATIONS AT ITERATION NO. %1

6187.1 *** USER INFORMATION MESSAGE 6187 (NCONVG)
*** BISECTION METHOD IS NOW ACTIVATED ***

6187.2 *** USER INFORMATION MESSAGE 6187 (NCONVG)
*** BISECTION METHOD IS ACTIVATED BY LINE CONTACT.

6188.0 *** USER INFORMATION MESSAGE 6188
*** INITIAL ARC LENGTH IS %1
User information:
The initial arc-length is printed when the NLITER module is first executed and the arc<#0106>length method is used. A new arc-length is printed when the arc length changes due to bisection. It is also printed after a converged solution, when the arc length may change due to restoration after bisection, or due to the DESITER field on the NLPCI entry.

6188.1 *** USER INFORMATION MESSAGE 6188 (NLITER)
*** ARC LENGTH RATIO IS %1

6189.0 *** USER INFORMATION MESSAGE 6189 (NL2CON)
*** REPEAT ITERATION, STOPPING AT LOWEST ERROR
User information:
This is issued when the time/load/arc-length increment has already reached its minimum limit and the solution has not converged, though the maximum number of iterations has been performed. If the best iteration is not the last iteration, a reiteration is done to obtain the best solution.

6189.1 *** USER INFORMATION MESSAGE 6189 (NCONVG)
*** BEST ATTAINABLE SOLUTION HAS BEEN FOUND ***

6190.0 *** USER FATAL MESSAGE 6190 (NLITER)
*** MAXIMUM NUMBER OF CONTROLLED INCREMENTS (MXINC) HAS BEEN EXCEEDED ***
User information:
In the arc-length control methods, the number of solution steps actually completed in a subcase is usually different from that specified by the user. Therefore, its limit is controlled by MXINC. No action is necessary if the solutions exceed the desired extent. Otherwise, increase the value of MXINC on the NLPCI entry.

6191.0 *** USER INFORMATION MESSAGE 6191 (NL2CON)
*** EXIT FROM NLTRD2 DUE TO DIVERGING SOLUTION LIMIT ***
User information:
The solution has diverged twice consecutively during the iteration. Change the stiffness matrix update strategy (Method) or increase the divergence criterion value of MAXDIV on the NLPARM or TSTEPNL entry. Alternatively, increase NINC on the NLPARM entry or decrease DT on the TSTEPNL entry.

6191.1 *** USER INFORMATION MESSAGE 6191 (NCONVG)
*** FIRST DIVERGING SOLUTION ***

6191.2 *** USER INFORMATION MESSAGE 6191 (NCONVG)
*** SECOND DIVERGING SOLUTION ***

6191.3 *** SYSTEM INFORMATION MESSAGE 6191 (NLTCON)
*** EXIT FROM NLTRD DUE TO DIVERGING SOLUTION LIMIT ***
System information:
The solution has diverged twice consecutively during the iteration. Change the stiffness matrix update strategy (Method) or increase the divergence criterion value of MAXDIV on the NLPARM or TSTEPNL entry. Alternatively, increase NINC on the NLPARM entry or decrease DT on the TSTEPNL entry.

6191.4 *** USER FATAL MESSAGE 6191 (NLTCON)
*** EXIT FROM NLTRD DUE TO DIVERGING SOLUTION LIMIT ON FIRST TIME STEP ***

6192.0 *** USER INFORMATION MESSAGE 6192
*** NO ROOT CASE HAS BEEN ENCOUNTERED ***

User information:
The quadratic equation which contains the load factor increment as the unknown variable does not have any real roots. A special algorithm specifically developed for this case will be automatically activated.

6193.0 *** USER INFORMATION MESSAGE 6193 (NL2CON)
*** MAXIMUM NUMBER OF BISECTIONS OR MINIMUM TIME STEP HAS BEEN REACHED.
User information:
In nonlinear transient analysis, the minimum allowable time step has been reached. In nonlinear static analysis, with Newton's method, the minimum allowable load step has been reached or, with the arc-length method, the minimum allowable arc length has been reached. Change the stiffness matrix update strategy (METHOD) or increase the value of MAXBIS on the NLPARM or TSTEPNL entry. Alternatively, increase NINC on the NLPARM entry or decrease DT on the TSTEPNL entry.

6193.1 *** USER INFORMATION MESSAGE 6193 (NCONVG)
*** MAXIMUM NUMBER OF BISECTIONS OR MINIMUM LOAD STEP HAS BEEN REACHED.
User information:
In nonlinear transient analysis, the minimum allowable time step has been reached. In nonlinear static analysis, with Newton's method, the minimum allowable load step has been reached or, with the arc-length method, the minimum allowable arc length has been reached. Change the stiffness matrix update strategy (METHOD) or increase the value of MAXBIS on the NLPARM or TSTEPNL entry. Alternatively, increase NINC on the NLPARM entry or decrease DT on the TSTEPNL entry.

6193.2 *** USER INFORMATION MESSAGE 6193
*** MAXIMUM NUMBER OF BISECTIONS OR MINIMUM ARC LENGTH HAS BEEN REACHED.
User information:
In nonlinear transient analysis, the minimum allowable time step has been reached. In nonlinear static analysis, with Newton's method, the minimum allowable load step has been reached or, with the arc-length method, the minimum allowable arc length has been reached. Change the stiffness matrix update strategy (METHOD) or increase the value of MAXBIS on the NLPARM or TSTEPNL entry. Alternatively, increase NINC on the NLPARM entry or decrease DT on the TSTEPNL entry.

6194.0 *** USER INFORMATION MESSAGE 6194 (NL2CON)
*** STOPPED ITERATIONS DUE TO REACHING MAXIMUM ITERATION LIMIT WITHOUT CONVERGENCE ***
User information:
For insufficient time, increase the value on the TIME Executive Control

statement. For maximum iterations, change the stiffness matrix update strategy (METHOD) or increase the value of MAXITER on the NLPARM or TSTEPNL entry.

6194.1 *** USER INFORMATION MESSAGE 6194
*** STOPPED ITERATIONS DUE TO INSUFFICIENT TIME REMAINING ***
User information:
For insufficient time, increase the value on the TIME Executive Control statement. For maximum iterations, change the stiffness matrix update strategy (METHOD) or increase the value of MAXITER on the NLPARM or TSTEPNL entry.

6194.2 *** USER WARNING MESSAGE 6194 (NLTCON)
*** STOPPED ITERATIONS DUE TO REACHING MAXIMUM ITERATION LIMIT WITHOUT CONVERGENCE ***
User information:
For insufficient time, increase the value on the TIME Executive Control statement. For maximum iterations, change the stiffness matrix update strategy (METHOD) or increase the value of MAXITER on the NLPARM or TSTEPNL entry.

6195.0 *** USER WARNING MESSAGE 6195 (NLITER)
SOLUTION HAS REGRESSED TO AN EARLIER LOAD STEP. (BACK-UP COEFFICIENT =%1)
User information:
This message is issued for the Arc-Length method (See NLPARM entry) only. Change the iteration strategy for the RIKS and MRIKS method. The program will automatically activate a different root selection procedure for the Crisfield method.

6196.0 *** USER FATAL MESSAGE 6196 (NLITER)
REGRESSION HAS OCCURRED WITH BOTH ROOT-SELECTION ALGORITHMS IN CRISFIELD'S METHOD
User information:
The program has returned to a converged solution in a prior loop using both available algorithms. The bisection algorithm will automatically be activated if the absolute value of MAXBIS is greater than 0.

6197.0 *** USER INFORMATION MESSAGE 6197 (NLITER)
SOLUTION AT THIS STEP IS DISCARDED. SOLUTION WILL BE ATTEMPTED WITH A DIFFERENT ROOT-SELECTION PROCEDURE.
User information:
This message is issued for the Crisfield method (See NLPARM entry) only.

6198.0 *** USER FATAL MESSAGE 6198 (MPYAD)
ALL MPYAD METHODS HAVE BEEN DESELECTED.
USER INFORMATION: METHODS MAY BE DESELECTED INTERNALLY BY
THE MODULE AND/OR BY THE USER VIA SYSTEM CELL 66.

USER ACTION: CHECK THE VALUE OF SYSTEM CELL 66, OR DO NOT SET THE CELL.

6199.0 *** SYSTEM FATAL MESSAGE 6199 (MPYSC2)
INSUFFICIENT CORE AVAILABLE FOR MATRIX MULTIPLY.
PROGRAMMER INFORMATION: ERROR CODE=%1
USER ACTION: INCREASE MEMORY BY %2 WORDS.
User information:
This message comes from the sparse multiply method when the memory estimate based on the trailer information is exceeded during the actual execution of the operation.

6200.0 *** USER FATAL MESSAGE 6200.
TEMPERATURE(INITIAL) COMMAND IS NOT SPECIFIED IN CASE CONTROL.
BOTH TEMPERATURE(LOAD) AND TEMPERATURE(INITIAL) MUST BE SPECIFIED IN NONLINEAR STATIC SOLUTION FOR THERMAL LOADS.
User information:
Insert a TEMPERATURE(INITIAL) command above the subcase level in the case control and the corresponding temperature values on TEMPij entries in the bulk data. TEMPERATURE(MATERIAL) or TEMPERATURE(BOTH) will cause
this error.

6201.0 *** USER FATAL MESSAGE 6201, (UFBSS)
SPARSE UNSYMMETRIC FBS CANNOT BE PERFORMED WHEN THE FACTOR TYPE
AND THE RIGHT HAND SIDE TYPE ARE NOT THE SAME
USER ACTION: DO NOT SELECT THE SPARSE DECOMPOSITION AND FBS METHODS
UNDER THESE CIRCUMSTANCES.

6202.0 *** USER FATAL MESSAGE 6202
THE SELECTED MULTIPOINT CONSTRAINT SET AND/OR RIGID ELEMENTS PRODUCE A SINGULAR RMM MATRIX. THIS MAY BE CAUSED BY A
CIRCULAR DEPENDENCY IN WHICH A DEGREE OF FREEDOM IS INDIRECTLY DEPENDENT UPON ITSELF.

6203.0 *** SYSTEM FATAL MESSAGE 6203 (CEAD)
INCOMPATIBLE MATRICES ARE DETECTED IN COMPLEX EIGENVALUE ANALYSIS
USER INFORMATION: CHECK THE SIZES OF THE MATRIX INPUTS TO THIS MODULE. ALSO CHECK FOR THE PRESENCE OF NON-ZERO K (ALWAYS REQUIRED), M OR B FOR EIGENVALUE ANALYSIS (AT LEAST ONE REQUIRED), OR M AND B MATRICES WITH THE SVD METHOD (NOT ALLOWED).

6204.0 *** USER INFORMATION MESSAGE 6204 ***

%1 SECONDS REQUIRED TO DECOMPOSE MATRIX.
User information:
A matrix decomposition has been performed within the NLTRD2 module. The time required for this decomposition is provided for the user's information.

6204.1 *** USER INFORMATION MESSAGE 6204 ***
%1 SECONDS REQUIRED TO DECOMPOSE MATRIX.
User information:
A matrix decomposition has been performed within the NLTRD3 module. The time required for this decomposition is provided for the user's information.

6205.0 *** USER FATAL MESSAGE 6205
BEAM ELEMENT %1 IS USING WARPING WITHOUT TORSIONAL STIFFNESS
User information:
If warping degrees of freedom (SA,SB) are supplied on the CBEAM data card, then warping is used. Torsional stiffness (JA on PBEAM data card) must be greater than zero if warping is used.

6206.0 *** USER WARNING MESSAGE 6206 (GP5),
MORE THAN ONE ACMODL ENTRY HAS BEEN FOUND, ONLY THE FIRST ENTRY
WILL BE USED.
USER ACTION: CHECK INPUT DATA.

6207.0 *** USER WARNING MESSAGE 6207 (GP5),
AN ACMODL ENTRY WAS NOT FOUND. A NONMATCHING MESH IS ASSUMED.
USER ACTION: CHECK INPUT DATA.

6207.1 *** USER WARNING MESSAGE 6207 (GP5)
THE FIELD NORMAL ON THE ACMODL CARD SHOULD NOT BE BLANK
IF THE ABS SEARCH METHOD IS TO BE USED. RESETTING THE ABS SEARCH METHOD TO REL AND USING 0.2 AS THE DEFAULT FOR THIS FIELD

6207.2 *** USER WARNING MESSAGE 6207 (GP5)
WHEN FSET/SSET ENTRY IS SPECIFIED FOR THE ACCELERATED SEARCH METHOD, THE CORRESPONDING INFOR FIELD MUST BE SPECIFIED AS ELEMENTS. IGNORING THE FSET/SSET ENTRIES

6207.3 *** USER FATAL MESSAGE 6207 (GP5)
UNABLE TO ADD/DELETE THE FSET/SSET SET1 ELEMENTS.
USER ACTION: CHECK INPUT DATA AND/OR CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6207.4 *** USER WARNING MESSAGE 6207 (GP5)
THE FIELD INTOL ON THE ACMODL CARD SHOULD NOT BE

BLANK
IF THE ABS SEARCH METHOD IS TO BE USED. RESETTING THE
RESETTING INTOL TO BE THE SAME AS THE FIELD NORML

6207.5 *** USER WARNING MESSAGE 6207 (GP5)
WHEN USING ACCELERATED SEARCH METHOD, THE FSET AND
SSET FIELDS CANNOT BOTH BE BLANK WHEN INFOR IS SET TO
ELEMENTS. THE INFOR FIELD WILL BE IGNORED

6207.6 *** USER FATAL MESSAGE 6207 (GP5)
DUPLICATE DEFINITION FOUND FOR PANEL NAMED %1.
USER ACTION: REMOVE DUPLCIATE PANEL DEFINITION.

6208.0 *** USER FATAL MESSAGE 6208 (GP5K),
IN THE NONMATCHING ALGORITHM NO STRUCTURAL GRIDS
HAVE BEEN
FOUND ON THE FLUID SURFACE.
USER ACTION: CHECK GRID POINT ENTRIES.

6209.0 *** USER WARNING MESSAGE 6209 (ACMG),
THERE ARE NO ELEMENT FACES CORRESPONDING TO THE PANEL
NAME =%1
CHECK GRID IDS. DEFINED FOR THIS PANEL.

6210.0 *** SYSTEM FATAL MESSAGE 6210 (ACMG),
AN INTERNAL TABLE HAS BEEN INCORRECTLY CREATED.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER
SUPPORT.
PROGRAMMER INFORMATION: MODULE FAILED TO CONVERT
INTERNAL GRID ID TO SIL NO. (TABLE2)%1

6210.1 *** SYSTEM FATAL MESSAGE 6210 (ACMG),
AN INTERNAL TABLE HAS BEEN INCORRECTLY CREATED.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER
SUPPORT.
PROGRAMMER INFORMATION: MODULE FAILED TO CONVERT
INTERNAL GRID ID TO SIL NO. (EQACST)%1

6210.2 *** SYSTEM FATAL MESSAGE 6210 (ACMG),
AN INTERNAL TABLE HAS BEEN INCORRECTLY CREATED.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER
SUPPORT.
PROGRAMMER INFORMATION: MODULE FAILED TO CONVERT
INTERNAL GRID ID TO SIL NO. (TABLE1)%1

6210.3 *** SYSTEM FATAL MESSAGE 6210 (ACMG),
AN INTERNAL ERROR OCCURRED WHILE TRYING TO INITIALIZE
ACOUSTICS SHARED LIBRARY LIBNXAC
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER
SUPPORT.
PROGRAMMER INFORMATION: MODULE FAILED ACDATA_INIT

6210.4 *** SYSTEM FATAL MESSAGE 6210 (ACMG),
AN INTERNAL ERROR OCCURRED WHILE INVOKING FUNCTION IN ACOUSTICS SHARED LIBRARY LIBNXAC
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: RETURN CODE FROM ACOUSTICS SHARED LIBRARY = %1

6210.5 *** SYSTEM FATAL MESSAGE 6210 (ACMG),
AN INTERNAL ERROR OCCURRED IN ROUTINE ACMG_DIRECT
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: FAILED IN GETECTLEN FUNCTION. RETURN CODE = %1

6210.6 *** SYSTEM FATAL MESSAGE 6210 (ACMG),
AN INTERNAL ERROR OCCURRED IN PROCESSING TABLE %1
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6211.0 *** SYSTEM FATAL MESSAGE 6211 (ACMG),
A NORMAL TABLE HAS BEEN INCORRECTLY CREATED.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6212.0 *** SYSTEM WARNING MESSAGE 6212 (GPFRBI),
THE CASE CONTROL DATA BLOCK HAS THE WRONG RECORD COUNT FOR BLK1 APPROACH.

6213.0 *** SYSTEM WARNING MESSAGE 6213 (GPFRBI),
%1 CASE CONTROL RECORDS DETECTED FOR BRANCH %2 WHERE ONE WAS EXPECTED.

6214.1 *** USER INFORMATION MESSAGE 6214 (WILVCD)
FEWER THAN REQUESTED VECTORS CALCULATED DUE TO INSUFFICIENT TIME
User information:
This information message occurs in the READ module when there is insufficient time to compute eigenvectors. Resubmit the job with an increased time limit (TIME).

6215.0 *** USER FATAL MESSAGE 6215 (NCONVG)
THE VALUE OF EUI=%1 HAS OVERFLOWED.
This information message occurs in the NLITER module when the value EUI has overflowed. Check model and structural units (length, force, stress, time, etc.).

6215.1 *** USER FATAL MESSAGE 6215 (NCONVG)
THE VALUE OF EPI=%1 HAS OVERFLOWED.
This information message occurs in the NLITER module when the value EPI has overflowed. Check model and structural units (length, force, stress, time, etc.).

6215.2 *** USER FATAL MESSAGE 6215 (NCONVG)
THE VALUE OF EWI=%1 HAS OVERFLOWED.
This information message occurs in the NLITER module when the value EWI has overflowed. Check model and structural units (length, force, stress, time, etc.).

6215.3 *** USER FATAL MESSAGE 6215 (NCNVMD)
THE ELEMENT TEMPERATURE=%1 ON ELEMENT %2 HAS OVERFLOWED.
This information message occurs in the NLITER module when the element temperature has overflowed. Check model and structural units (length, force, stress, time, etc.).

6216.0 *** USER FATAL MESSAGE 6216 ***
THE UNSUCCESSFUL MATRIX DECOMPOSITION CAUSED THE ANALYSIS TO FAIL. A POSSIBLE
REASON IS THAT FOR RADIATION PROBLEMS, THE DECOMPOSITION OF AN UNSYMMETRIC MATRIX
REQUIRES THAT THERE BE NO NULL COLUMNS. NULL COLUMNS CAN RESULT WHEN UNCONNECTED
GRID POINTS ARE PRESENT.

6226.0 *** USER WARNING MESSAGE 6226 (RECTND),
NATURAL COORDINATE CONVERGENCE FAILED AFTER FIVE ITERATIONS.
USER INFORMATION : NATURAL COORDINATES (XI,ETA,ZETA) OF THE GRID POINT (X,Y,Z)=
%1%2%3 ARE SET TO (0,0,0).

6227.0 *** USER FATAL MESSAGE 6227 (MBAMG)
REQUESTED MACH NUMBER = %1 IS LESS THAN THE MACH BOX REQUIREMENT OF MACH > 1.0

6228.0 *** USER FATAL MESSAGE 6228 (DLAMBY)
REQUESTED MACH NUMBER = %1 IS GREATER THAN THE DOUBLET LATTICE REQUIREMENT OF MACH < 1.0

6229.0 *** USER FATAL MESSAGE 6229 (CY1CCT)
THE LOADSET CASE CONTROL COMMAND AND LSEQ BULK DATA ENTRY MAY NOT BE SPECIFIED IN STATIC ANALYSIS WITH CYCLIC SYMMETRY.
USER ACTION: REPLACE LOADSET/LSEQ COMBINATIONS WITH THE EQUIVALENT LOAD/LOADCYI COMBINATIONS.

6230.0 *** USER FATAL MESSAGE 6230 (CYCL1)

6231.0 *** USER WARNING MESSAGE 6231 (CY1CCT)
BOUNDARY CONDITIONS IN SUBCASE%1 ARE DIFFERENT THAN THOSE IN THE FIRST SUBCASE.
SUBCASE 1 SPC=%2 AND MPC=%3
SUBCASE%4 SPC=%5 AND MPC=%6
USER INFORMATION: ONLY ONE BOUNDARY CONDITION IS

PERMITTED FOR ALL SUBCASES IN CYCLIC SYMMETRY ANALYSIS.
THEREFORE, THE CONDITIONS IN THE FIRST SUBCASE WILL BE USED FOR ALL SUBCASES.

6232.0 *** USER INFORMATION MESSAGE 6232 (MODEPT)
THE PROPERTIES BELOW WILL BE USED FOR THE FOLLOWING ACOUSTIC ABSORBER PROPERTY ENTRIES (PACABS)
PID DAMPING(B) STIFFNESS(K) MASS(M)

6233.0 *** USER INFORMATION MESSAGE 6233 (MODEPT)
THE PROPERTIES BELOW WILL BE USED FOR THE FOLLOWING ACOUSTIC BARRIER PROPERTY ENTRIES (PACBAR)
PID RESONANT STIFFNESS(K) RESONANT FREQUENCY(F)

6234.0 *** USER WARNING MESSAGE 6234 (MAT)
G13, G23 AND/OR G33 ARE NONZERO ON MAT2 ENTRY ID= %1 WHICH IS REFERENCED IN THE MID3 FIELD OF A PSHELL ENTRY. THEY WILL BE IGNORED, SHEAR FLEXIBILITY IS SET TO ZERO.
User information:
This can occur when the PSHELL entry references a MAT2 entry in the MID3 field and either G13, G23, or G33 is nonzero. See Error Report 3664.

6234.1 *** USER FATAL MESSAGE 6234 (MAT)
FOR MATERIAL ID %1 WITH ELEMENT ID %2, AN ILLEGAL COMBINATION OF MATERIAL PROPERTY VALUES HAS RESULTED IN A VIOLATION OF THE FOLLOWING CRITERION: 1.0-NU12*NU21 MUST BE GREATER THAN 0.0.THE VALUE OF
NU21 = NU12*E2/E1.

6234.2 *** USER FATAL MESSAGE 6234 (MAT)
FOR MATERIAL ID %1 WITH ELEMENT ID %2, THE POISSON'S RATIOS DEFINED ON THE MAT11 CARD RESULTED IN A VIOLATION OF THE FOLLOWING CRITERION: 1.0-NU12*NU21-NU23*NU32-NU13*NU31-2*NU21*NU32*NU13 MUST BE GREATER THAN 0.0. THE VALUES OF NU21 = NU12*E2/E1, NU32 = NU23*E3/E2 AND NU31 = NU13*E3/E1.

6234.3 *** USER FATAL MESSAGE 6234 (MAT)
FOR MATERIAL ID %1 WITH ELEMENT ID %2, THE SHEAR MODULUS MUST BE GREATER THAN 0.0.

6235.0 *** USER WARNING MESSAGE 6235 (IFP7)
PBCOMP ENTRY=%1 IS MISSING THE SPECIFICATION OF LUMPED AREAS FOR THE BEAM CROSS SECTION.
User information:
One cause is that fewer than four stress output points are specified.

6236.0 *** USER FATAL MESSAGE 6236 (EBEMD)

PBCOMP FOR ENTRY =%1 SPECIFIES SECTION=0 (WHICH IS THE DEFAULT) YET IT ALSO SPECIFIES DATA FOR LUMPED AREAS.

6237.0 *** USER WARNING MESSAGE 6237 (PLOT)
*** CONTOUR PLOTS ARE REQUESTED FOR COMPLEX RESULTS. THIS IS NOT SUPPORTED.

6238.0 *** USER WARNING MESSAGE 6238 (IFSEQU)
THE FIRST %1 EQUATION OF ID NUMBER = %2 HAS BEEN DEFINED WITH NO PARAMETERS IN ITS ARGUMENT LIST.

6239.0 *** USER FATAL MESSAGE 6239 (IFSEQU)
THE FIRST %1 EQUATION OF ID NUMBER = %2 HAS BEEN DEFINED WITH NO ARGUMENT LIST.

6240.0 *** USER FATAL MESSAGE 6240 (IFSEQU)
ARGUMENT NUMBER %1 (%2) OF THE %3 EQUATION WITH ID NUMBER = %4 HAS BEEN PREVIOUSLY USED
AS AN ARGUMENT IN THIS EQUATION

6241.0 *** USER FATAL MESSAGE 6241 (IFSEQU)
FUNCTION %1 DEFINED IN THE %2 EQUATION WITH ID NUMBER = %3 HAS BEEN PREVIOUSLY USED AS AN ARGUMENT
IN THIS EQUATION
USER INFORMATION: THIS ERROR MAY BE CAUSED WHEN THE FUNCTION NAME BEGINS IN FIELD 2 INSTEAD OF FIELD 3

6242.0 *** USER FATAL MESSAGE 6242 (NLINIT)
ENFORCED DISPLACEMENTS CAN NOT BE USED WITH ARC-LENGTH METHODS.
USER ACTION: REMOVE NLPCI BULK DATA ENTRY OR ENFORCED DISPLACEMENTS.

6243.1 *** USER WARNING MESSAGE 6243 (REIG).
THE DEGREE OF FREEDOM (D.O.F) REQUESTED FOR POINT NORMALIZATION HAS NOT BEEN SPECIFIED ON THE EIGR OR EIGB ENTRY
USER INFORMATION: THE D.O.F PRECEDING THE REQUESTED D.O.F. IN THE INTERNAL SEQUENCE LIST WILL BE USED

6244.0 *** USER WARNING MESSAGE 6244 (STDCON),
THERE IS STRFIELD DISCONTINUITY REQUEST IN SUBCASE %1 BUT NO MATCHING SURFACE OR VOLUME ID ON GPSTRESS COMMAND.
USER ACTION: CHECK STRFIELD COMMAND.

6244.1 *** USER WARNING MESSAGE 6244 (STDCON),
THERE IS STRESS DISCONTINUITY REQUEST IN SUBCASE %1 BUT NO MATCHING SURFACE OR VOLUME ID ON GPSTRESS COMMAND.
USER ACTION: CHECK STRFIELD COMMAND.

6245.0 *** SYSTEM WARNING MESSAGE 6245 (STDCON),

ANALYSIS TYPE =%1 IS NOT SUPPORTED IN ERROR ANALYSIS.
USER ACTION: USE STATIC ANALYSIS WITH STRESS REQUEST.

6246.0 *** USER WARNING MESSAGE 6246 (STDCON),
ELSDCON SET %1 NOT FOUND IN CASECC SUBCASE %2
USER ACTION: CHECK ELSDCON REQUEST.

6246.1 *** USER WARNING MESSAGE 6246 (STDCON),
GPSDCON SET %1 NOT FOUND IN CASECC SUBCASE %2
USER ACTION: CHECK GPSDCON REQUEST.

6246.2 *** USER WARNING MESSAGE 6246 (STDCON),
NO OUTPUT STRESS REQUEST FOR SUBCASE =%1
SO NO STRESS DISCONTINUITY CALCULATED
USER ACTION: CHECK ELSTRESS REQUEST.

6246.3 *** USER WARNING MESSAGE 6246 (STDCON),
STRFIELD SET %1 NOT FOUND IN CASECC SUBCASE %2
USER ACTION: CHECK STRFIELD REQUEST.

6247.0 *** SYSTEM WARNING MESSAGE 6247 (STDCON),
THERE IS AN INCONSISTENT POINTER TABLE FOR SCR4 FILE.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: CHECK POINTER TABLE 4 FOR SCR3 FILE

6247.1 *** SYSTEM WARNING MESSAGE 6247 (STDCON),
THERE IS AN INCONSISTENT POINTER TABLE FOR SCR3 FILE.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: CHECK POINTER TABLE 3 FOR SCR3 FILE

6247.2 *** SYSTEM WARNING MESSAGE 6247
THERE IS AN INCONSISTENT POINTER TABLE FOR SCR3 FILE.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: CHECK POINTER TABLE 2 FOR SCR3 FILE

6247.5 *** SYSTEM WARNING MESSAGE 6247 (STD2GD/S),
THERE IS AN INCONSISTENT POINTER TABLE FOR SCR5 FILE.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: CHECK POINTER TABLE 5 FOR SCR5 FILE

6247.6 *** SYSTEM WARNING MESSAGE 6247 (STD2HD/S),
THERE IS AN INCONSISTENT POINTER TABLE FOR SCR4 FILE.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

PROGRAMMER INFORMATION: CHECK POINTER TABLE 5 FOR SCR4 FILE

6247.7 *** SYSTEM WARNING MESSAGE 6247 (STD2HD/S),
ELEMENT %1 NOT FOUND IN SURFACE/VOLUME DISCONTINUITY LIST

6248.0 *** SYSTEM WARNING MESSAGE 6248 (STDCON),
EXTERNAL GRID ID=%1 COULD NOT BE FOUND IN
THE EQEXIN FILE.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: CHECK EQEXIN DATA FILE.

6249.0 *** SYSTEM WARNING MESSAGE 6249 (STD2EX)
ERROR ANALYSIS OUTPUT CAPABILITY IS NOT
SUPPORTED FOR ELEMENT TYPE =%1
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: THIS ROUTINE HAS FAILED TO RECOGNIZE ABOVE ELEMENT TYPE.

6250.0 GRID POINT STRESS DATA FOR THE SURFACE/VOLUME ID=%1
COULD NOT BE FOUND IN THE EGPST FILE.
USER ACTION: CHECK STRFIELD REQUEST FOR THIS ID.

6251.0 *** SYSTEM WARNING MESSAGE 6251 (STD2EX),
IMPROPER OES1 FILE FOUND.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: CHECK OES1 FILE INPUT.

6251.1 *** SYSTEM WARNING MESSAGE 6251 (STD2EX),
IMPROPER ECT FILE FOUND.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: CHECK ECT FILE INPUT.

6252.0 *** USER WARNING MESSAGE 6252 (STD2HD/S),
THERE IS NO STRESS OUTPUT FOR THE ELEMENT ID.=%1
USER ACTION: REQUEST ELEMENT STRESS OUTPUT.

6253.0 *** SYSTEM WARNING MESSAGE 6253 (STDCON),
STRFIELD REQUEST IN SUBCASE =%1
IGNORED SINCE GPDCT IS PURGED.
PROGRAMMER INFORMATION: CHECK GPDCT FILE INPUT

6253.1 *** SYSTEM WARNING MESSAGE 6253 (STDCON),
STRFIELD REQUEST IN SUBCASE =%1
IGNORED SINCE ELDCT IS PURGED.
PROGRAMMER INFORMATION: CHECK ELDCT FILE INPUT

6253.2 *** SYSTEM WARNING MESSAGE 6253 (STDCON),

GRID POINT STRESS DISCONTINUITY REQUEST IN SUBCASE %1
IGNORED SINCE OGDS1 IS PURGED.
PROGRAMMER INFORMATION: CHECK OGDS1 FILE INPUT

6253.3 *** SYSTEM WARNING MESSAGE 6253 (STDCON),
ELEMENT STRESS DISCONTINUITY REQUEST IN SUBCASE %1
IGNORED SINCE OEDS1 IS PURGED.
PROGRAMMER INFORMATION: CHECK OEDS1 FILE INPUT

6254.0 ***USER FATAL MESSAGE 6254 (TIMTS9)
ILLEGAL DTI ENTRY INPUT FOR TIMETEST MODULE
PROGRAMMER INFORMATION: NUMBER OF SPECIFIED BREAK
POINTS FOR KERNEL %1 EXCEEDS %2

6255.0 ***USER FATAL MESSAGE 6255 (TIMTS9)
ILLEGAL DTI ENTRY INPUT FOR TIMETEST MODULE
PROGRAMMER INFORMATION: SEE ENTRY NUMBER %1

6256.0 ***USER FATAL MESSAGE 6256 (TIMTS9)
ILLEGAL DTI ENTRY INPUT FOR TIMETEST MODULE
PROGRAMMER INFORMATION: SEE ENTRY FOR KERNEL %1

6257.0 ***USER FATAL MESSAGE 6257 (TIMTS9)
ILLEGAL DTI ENTRY INPUT FOR TIMETEST MODULE
PROGRAMMER INFORMATION: KERNEL NAME %1 NOT FOUND ON
THE LIST

6258.0 ***USER FATAL MESSAGE 6258 (TIMTS9)
ILLEGAL DTI ENTRY INPUT FOR TIMETEST MODULE
PROGRAMMER INFORMATION: KERNEL NAME %1 HAS USER
SPECIFIED BREAK POINTS THAT ARE LESS THAN OR EQUAL TO 1

6259.0 ***USER FATAL MESSAGE 6259 (TIMTS9)
ILLEGAL DTI ENTRY INPUT FOR TIMETEST MODULE
PROGRAMMER INFORMATION: KERNEL %1 HAS USER SPECIFIED
BREAK POINTS THAT ARE NOT IN ASCENDING
ORDER BY AT LEAST AN INCREMENT OF TWO

6260.0 ***SYSTEM FATAL MESSAGE 6260 (TIMT9F)
LOGIC ERROR IN TIMETEST 9. PLEASE CONTACT SIEMENS PLM
SOFTWARE CUSTOMER SUPPORT.

6261.0 ***USER FATAL MESSAGE 6261 (TIMTS6)
ILLEGAL DTI ENTRY INPUT FOR TIMETEST MODULE
PROGRAMMER INFORMATION: NOT ALL KERNELS TESTED IN
TIMTS9, THEREFORE RESULTS ARE NOT WRITTEN TO THE
OUTPUT DATA BLOCK

6262.0 ***SYSTEM FATAL MESSAGE 6262 (TIMTS6)
ERROR WHILE READING FILE1=%1

6263.0 ***USER FATAL MESSAGE 6263 (TIMTS9)
ILLEGAL DTI ENTRY INPUT FOR TIMETEST MODULE
PROGRAMMER INFORMATION: BREAK POINTS ABOVE %1

CANNOT BE CONSIDERED FOR KERNEL %2

6264.0 *** USER FATAL MESSAGE 6264 (TABFM4).
ILLEGAL INPUT SPECIFIED ON DTI,ESTDATA BULK DATA ENTRY: %1%2
TIMING ESTIMATES WILL BE WRONG.
USER ACTION: ASSURE PROPER TYPE IS SPECIFIED IN ALL FIELDS.

6265.0 ***USER FATAL MESSAGE 6265 (DYNAM0)
THE FACTOR FILE IN THIS RUN HAS BEEN CREATED USING AN OLDER VERSION OF THE PROGRAM
IN WHICH SPARSE SOLUTION IS NOT SUPPORTED FOR THIS SOLUTION SEQUENCE
USER ACTION: DO NOT USE THE RESTART CAPABILITY IN THIS RUN

6267.0 *** USER FATAL MESSAGE 6267,
CONTROL POINT NO.%1ON PANEL NO.%2 ALIGNS WITH THE EDGE OF BOX NO.%3ON PANEL NO.%4

6269.0 **** USER INFORMATION MESSAGE 6269 (MPYABT)
THERE EXISTS INSUFFICIENT MEMORY FOR TRIPLE MULTIPLY.
THEREFORE, TWO EQUIVALENT MPYAD OPERATIONS WILL BE PERFORMED
USER ACTION: IF TRIPLE MULTIPLY METHOD IS DESIRED, THEN INCREASE MEMORY SIZE BY=%1 WORDS

6270.0 *** USER FATAL MESSAGE 6270 (RCARD)
FIELD 2 OF THE FOLLOWING %1 ENTRY CONTAINS AN INVALID CHARACTER.
USER INFORMATION:
1. ENTRY: %2
2. FIELD 2: %3

6270.1 *** USER FATAL MESSAGE 6270 (RCARD)
FIELD 2 OF THE FOLLOWING %1 ENTRY CONTAINS EMBEDDED BLANKS.
USER INFORMATION:
1. ENTRY: %2
2. FIELD 2: %3

6270.2 *** USER FATAL MESSAGE 6270 (RCARD)
THE FOLLOWING %1 ENTRY IS INVALID; LARGE FIELD IS NOT SUPPORTED.

6271.0 *** USER FATAL MESSAGE 6271 (PRJVER)
PARAMETER NO. %1 OF "PROJVER" DMAP MODULE IS ILLEGAL.

6273.0 *** USER FATAL MESSAGE 6273 (PRJVER)
THE "SET" OPTION IS BEING REQUESTED IN THE "PRJVER" SUBROUTINE FOR A DELETED OR NON-EXISTENT

PROJECT/VERSION.
USER INFORMATION: PROJECT ID=%1, VERSION ID=%2, STATUS="%3"

6274.1 *** USER FATAL MESSAGE 6274 (PRJVER)
PROJECT ID OF %1 CANNOT BE FOUND IN THE "PROVER" TABLE.

6274.2 *** USER FATAL MESSAGE 6274
PROJECT-NO %1 OF DBSNO %2 CANNOT BE FOUND IN THE "PROVER" TABLE.

6274.4 *** USER FATAL MESSAGE 6274 (VWHCPJ)
PROJECT-ID %1 OF DBSNO%2 CANNOT BE FOUND IN THE "PROVER" TABLE.

6275.0 *** SYSTEM FATAL MESSAGE 6275 (PRJVER)
ERROR DETECTED IN THE "PROVER" TABLE.

6276.0 *** SYSTEM FATAL MESSAGE 6276 (PRJVER)
CURRENT PROJECT ID OF %1 AND VERSION ID OF %2 COULD NOT BE FOUND IN THE 2ND RECORD OF "PROVER" TABLE.

6277.0 *** USER WARNING MESSAGE 6277 (KSHERD),
THE EFFECTIVENESS FACTOR F%1=%2 FOR SHEAR ELEMENT ID. =%3 GIVES THE EFFECTIVE AREA GREATER THAN THE ACTUAL AREA.
USER ACTION: CHECK EFFECTIVENESS FACTOR F%4 ON PSHEAR ENTRY.

6278.0 *** USER FATAL MESSAGE 6278 (MTMD23)
THE BULK DATA ENTRY SELECTED BY THE CASE CONTROL COMMAND %1 = %2 WAS NOT FOUND

6279.0 *** USER WARNING MESSAGE 6279 (IFS6P)
THE DOPTPRM ENTRY SPECIFIES A DELP = %1.
USER INFORMATION : DELP > 1.0 MAY PRODUCE POOR RESULTS.

6280.0 *** USER INFORMATION MESSAGE 6280 (NCONVG)
AN EXCESSIVE NUMBER OF STIFFNESS MATRIX UPDATES HAS ACTIVATED DIVERGENCE CONDITIONS.

6281.0 *** USER FATAL MESSAGE 6281 (SEP2D)
NO SUBCASES ARE SPECIFIED FOR THE RESIDUAL STRUCTURE. IN A STATIC ANALYSIS, AT LEAST ONE SUBCASE MUST BE SPECIFIED FOR THE RESIDUAL STRUCTURE.

6282.0 *** USER FATAL MESSAGE 6282 (XSELOADS)
CASECC PURGED - PROCESSING TERMINATED.

6282.1 *** USER FATAL MESSAGE 6282 (XSELOADS)
GEOM3 PURGED - PROCESSING TERMINATED.

6284.0 *** USER FATAL MESSAGE 6284 (APD0)
USER INFORMATION: GRID ID = %1 IS LISTED MORE THAN ONCE ON SET1 BULK DATA ENTRY ID = %2.

USER ACTION: REMOVE THE DUPLICATE GRID FROM THE SET1 ENTRY.

6285.0 *** USER FATAL MESSAGE 6285 (VNASIN)
CHBDY%1 DOES NOT REFERENCE A PHBDY ENTRY.

6286.0 *** USER WARNING MESSAGE 6286 (ZREAD)
THE NDDL DESCRIPTION OF DATA BLOCK=%1, RECORD=%2,DOES NOT HAVE AN EITHER/OR TO MATCH OPT=%3.
ITEMS ARE ASSUMED TO BE UNDEFINED.
USER INFORMATION: PROBABLE CAUSE IS WRONG NDDL DESCRIPTION CODED, OR ,
WRONG GENERIC DATABLOCK USED (E.G. OES INSTEAD OF OEF).

6287.0 *** SYSTEM WARNING MESSAGE 6287 (F04SUM)
FORTRAN UNIT=%1 CANNOT BE REWOUND BECAUSE IT IS LOCATED ON A NON-REWINDABLE DEVICE.
USER INFORMATION: DIAG 49 PROCESSING IS TERMINATED.
USER ACTION: ASSIGN THE UNIT TO A REWINDABLE (TAPE/DISK) FILE AND RERUN JOB.

6288.0 *** USER FATAL MESSAGE 6288
UNABLE TO CONVERGE WITH ITERATIVE METHOD.

6288.1 *** USER FATAL MESSAGE 6288 (SITDRD)
UNABLE TO CONVERGE WITH ITERATIVE METHOD.
USER ACTION: INCREASE MAXIMUM NUMBER OF ITERATIONS OR USE DIRECT METHOD.

6288.4 *** SYSTEM WARNING MESSAGE 6288 (SDRVP)
UNABLE TO CONVERGE WITH ITERATIVE METHOD.

6290.0 *** USER WARNING MESSAGE 6290
TABFM6 SUPPORTS ONLY TYPES TABLE AND CASECC. ANOTHER TYPE WAS FOUND ON DATA BLOCK %1.

6291.0 *** SYSTEM WARNING MESSAGE 6291 (DDRMM)
OUTPUT DATA BLOCK CORRESPONDING TO INPUT MODAL SOLUTION DATA BLOCK %1
IS NOT PRESENT. INPUT DATA BLOCK THUSLY IGNORED.

6292.0 *** SYSTEM WARNING MESSAGE 6292 (DDRMM)
INVALID INPUT DATA DETECTED IN DATA BLOCK %1.
PROCESSING STOPPED FOR THIS DATA BLOCK.
USE PARAM,DDRMM,-1 TO SKIP USE OF MODULE DDRMM.

6293.0 *** USER FATAL MESSAGE 6293 (DSAD16)
GRID NO. %1 REFERENCED ON A DRESP1 ENTRY COULD NOT BE FOUND.
USER ACTION : USE OF UNREFERENCED GRIDS IS NOT RECOMMENDED AND MAY INDICATE A USER INPUT ERROR, RESULTS FOR OTHER RESPONSES ARE NOT AFFECTED.

6294.0 *** SYSTEM FATAL MESSAGE 6294 (ACMG),

COUPLING CONTRIBUTION FOR THIS FLUID ELEMENT ID =%1 CAN NOT BE COMPUTED.
USER ACTION: CHECK THE GEOMETRY OF THE STRUCTURAL ELEMENT IN THE VICINITY OF THIS ELEMENT.

6295.0 *** USER FATAL MESSAGE 6295 (GIGTKG)
USER INFORMATION: SPLINE3 %1 FOR CAERO %2 HAS ILLEGAL COMPONENT %3

6296.0 *** SYSTEM FATAL MESSAGE 6296 (qmatr)
UNABLE TO LOCATE A MEMBER OF DATABLOCK %1 (FILE %2) WITH ATTRIBUTES:

6296.1 *** SYSTEM FATAL MESSAGE 6296
UNABLE TO LOCATE %1 IN DATA BLOCK %2 (FILE %3).

6297.0 *** SYSTEM FATAL MESSAGE 6297 (EMG)
INCORRECT VALUE %1 HAS BEEN SPECIFIED FOR THE 22ND PARAMETER.

6297.1 *** SYSTEM FATAL MESSAGE 6297 (DSAH)
INCORRECT VALUE %1 HAS BEEN SPECIFIED FOR THE FIRST PARAMETER.

6298.0 *** USER FATAL MESSAGE 6298 (PSTA)
THE LEADING EDGE IS NOT SUPERSONIC: M=%1 AND SECANT LAMBDA=%2.
USER INFORMATION: WHEN USING PISTON THEORY WITH A SWEEP CORRECTION (NTHRY=2), THE LEADING EDGE MUST BE SUPERSONIC;
THAT IS, THE MACH NUMBER MUST BE GREATER THAN THE SECANT OF THE SWEEP ANGLE.
USER ACTION: INCREASE THE MACH NUMBER OR USE AN ALTERNATIVE AERODYNAMIC THEORY (MACH BOX OR ZONA).

6300.0 *** USER FATAL MESSAGE 6300 (FA1PKI)
SINGULAR MATRIX FOR INTERPOLATION IN %1
USER ACTION: CHECK K VALUES INPUT ON THE MKAEROI ENTRIES, PARTICULARLY FOR DUPLICATE VALUES.

6301.0 *** USER FATAL MESSAGE 6301 (DSAD14)
DIVERGENCE ROOT NO.%1 REQUESTED FOR MACH %2 EXCEEDS %3,
THE NUMBER OF ROOTS EXTRACTED AT THIS MACH NUMBER.
USER ACTION: DELETE THE DRESP1 ENTRY WITH DIVERGENCE SINCE IT DOES NOT AFFECT THE DESIGN.

6302.0 *** SYSTEM FATAL MESSAGE 6302 (DSASRT)
INSUFFICIENT SPACE TO PROCESS GPTABD INFORMATION.
PROGRAMMER INFORMATION: THE DSASRT PLACES A LIMIT OF %1 ON THE NUMBER OF ELEMENT TYPES.
NASTRAN CURRENTLY SUPPORTS %2 TYPES.

6303.0 *** USER INFORMATION MESSAGE 6303 (BGICA)
NO BCONP BULK DATA ENTRIES ARE SPECIFIED.

6303.1 *** USER FATAL MESSAGE 6303 (BGICA)
NO BLSEG AND BSURF BULK DATA ENTRIES ARE SPECIFIED.

6304.0 *** SYSTEM FATAL MESSAGE 6304
%1 RECORD CANNOT BE LOCATED.

6305.0 *** USER INFORMATION MESSAGE 6305 (BGCAU1)
GRID ID = %1 DEFINED IN BOUTPUT ENTRY ID = %2 IS NOT A SLAVE NODE

6305.1 *** USER FATAL MESSAGE 6305 (BGFRCR)
%1 ENTRY ID = %2 WHICH IS REFERRED IN BCONP ENTRY ID =%3 IS UNDEFINED.

6306.0 *** USER INFORMATION MESSAGE 6306 (BGCORA)
NO BWIDTH BULK DATA ENTRIES ARE SPECIFIED, DEFAULT WIDTH VALUE OF UNITY WILL BE USED.

6306.1 *** USER INFORMATION MESSAGE 6306 (BGFRCR)
NO BFRIC BULK DATA ENTRIES ARE SPECIFIED, DEFAULT VALUES WILL BE USED.

6306.2 *** USER INFORMATION MESSAGE 6306 (BGWIDR)
WIDTHS ARE NOT SPECIFIED FOR SLAVE ID = %1 DEFAULT VALUES OF UNITY ARE ASSUMED FOR ALL THE SLAVE SEGMENTS.

6307.0 *** USER INFORMATION MESSAGE 6307 (BGPENR)
THE MAGNITUDE OF F0 IS CHANGED TO ZERO FOR BNPEN ENTRY ID = %1.

6307.1 *** USER INFORMATION MESSAGE 6307 (BGPENR)
THE MAGNITUDE OF C0 IS CHANGED TO ZERO FOR BNPEN ENTRY ID = %1.

6308.0 *** USER FATAL MESSAGE 6308 (BGCOCL)
SLAVE REGION ID = %1 SPECIFIED IN BCONP ENTRY ID = %2 IS NOT DEFINED.

6308.1 *** USER FATAL MESSAGE 6308 (BGCOCL)
MASTER REGION ID = %1 SPECIFIED IN BCONP ENTRY ID = %2 IS NOT DEFINED.

6309.0 *** USER FATAL MESSAGE 6309 (BGCOCL)
SLAVE REGION ID = %1 REFERRED IN BCONP ENTRY ID = %2 IS NOT UNIQUE.

6309.1 *** USER FATAL MESSAGE 6309 (BGCOCL)
MASTER REGION ID = %1 REFERRED IN BCONP ENTRY ID = %2 IS NOT UNIQUE.

6309.2 *** USER FATAL MESSAGE 6309 (BGLSCW)
BOTH SLAVE AND MASTER CAN NOT BE CLOSED FOR A

SYMMETRIC CONTACT REGION - BCONP ENTRY ID = %1

6309.3 *** USER FATAL MESSAGE 6309 (BGLSCW)
LINE REGION ID = %1 REFERRED IN BCONP ENTRY ID = %2 DOES NOT HAVE UNIQUE GRID POINTS.

6309.4 *** USER FATAL MESSAGE 6309 (BGLSCW)
LINE REGION ID = %1 REFERRED IN BCONP ENTRY ID = %2 CAN NOT HAVE SAME FIRST AND SECOND GRID POINTS.

6309.5 *** USER FATAL MESSAGE 6309 (BGLSCW)
GRID POINT ID = %1 REFERRED IN BOTH SLAVE AND MASTER REGIONS FOR BCONP ENTRY ID = %2
USER ACTION : DO NOT INCLUDE A GRID POINT IN SLAVE AND MASTER REGIONS.

6310.0 *** USER FATAL MESSAGE 6310 (BGCOCL)
SLAVE BLSEG ENTRY ID = %1 REFERRED IN BCONP ENTRY ID = %2 HAS ONLY ONE GRID POINT FOR THE SYMMETRIC CASE.
USER ACTION : SLAVE BLSEG ENTRY SHOULD HAVE AT LEAST TWO GRID POINTS FOR THE SYMMETRIC CASE.

6310.1 *** USER FATAL MESSAGE 6310 (BGCOCL)
MASTER BLSEG ENTRY ID = %1 REFERRED IN BCONP ENTRY ID = %2 HAS ONLY ONE GRID POINT.
USER ACTION : MASTER BLSEG ENTRY SHOULD HAVE AT LEAST TWO GRID POINTS.

6311.0 *** USER FATAL MESSAGE 6311 (BGCOCL)
INCONSISTENT BCONP ENTRY ID = %1 HAS SLAVE BLSEG ENTRY ID = %2 AND MASTER BSURF ENTRY ID = %3.

6311.1 *** USER FATAL MESSAGE 6311 (BGCOCL)
INCONSISTENT BCONP ENTRY ID = %1 HAS SLAVE BSURF ENTRY ID = %2 AND MASTER BLSEG ENTRY ID = %3.

6312.0 *** USER FATAL MESSAGE 6312 (BGCOCL)
SLAVE GRID POINT =%1 AND THE CORRESPONDING MASTER GRID POINTS = %2%3 OF
BCONP ENTRY ID = %4 DO NOT LIE IN THE SPECIFIED SLIDE LINE PLANE.

6313.0 *** USER WARNING MESSAGE 6313 (BGSRCD)
SLAVE GRID POINT =%1 HAS ZERO LENGTH MASTER SEGMENT WITH GRID POINTS =%2%3.

6314.0 *** USER FATAL MESSAGE 6314 (BGSRCD)
INITIAL PENETRATION = %1 OF SLAVE GRID POINT = %2 INTO MASTER SEGMENT = %3 - %4 IS NOT ALLOWED.

6315.0 *** USER WARNING MESSAGE 6315 (BGSRCD)
COORDINATES OF SLAVE GRID POINT =%1
ARE CHANGED TO %2 %3 %4
FROM %5 %6 %7 TO PRECLUDE PENETRATION.

6316.0 *** SYSTEM FATAL MESSAGE 3200 (BGTPEN)
SURFACE CONTACT FOR THE BCONP ENTRY ID = %1 IS NOT SUPPORTED.

6319.0 *** USER FATAL MESSAGE 6319 (STPDA)
MACH NUMBER %1 WAS NOT SPECIFIED ON AN AEFACT BULK DATA ENTRY %2
USER INFORMATION: A MACH NUMBER LISTED ON A MKAEROI ENTRY CANNOT BE FOUND ON AN AEFACT ENTRY REFERENCED BY A PAERO4 (STRIP THEORY) BULK DATA ENTRY.

6320.0 *** USER INFORMATION MESSAGE 6320 (SITDRV)
SOLUTION WAS CONTINUED BECAUSE EXTERNAL CONVERGENCE CRITERION WAS PASSED.

6321.0 *** USER FATAL MESSAGE 6321 (DOPR1B)
THE INDEPENDENT DESIGN VARIABLE ID %1 APPEARS MORE THAN ONCE ON THE
DLINK ENTRY ASSOCIATED WITH DEPENDENT DESIGN VARIABLE ID %2
USER ACTION: REMOVE THE DUPLICATE REFERENCE TO THE INDEPENDENT DESIGN VARIABLE.

6321.1 *** USER FATAL MESSAGE 6321 (DOPR1B)
THE DESVAR ENTRY ID %1 REFERENCES A DDVAL ENTRY ID %2 THAT IS NOT SPECIFIED IN THE BULK DATA.
USER ACTION: REMOVE THE DDVAL ENTRY FROM DESVAR ENTRY OR ADD A DDVAL ENTRY.

6324.0 *** SYSTEM FATAL MESSAGE 6324 (PEDGED)
THE TWO SILS FOR EDGE ID=%1 ARE BOTH ZERO.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6328.0 *** SYSTEM FATAL MESSAGE 6328 (EMGSIL)
THE SIL FOR GRID ID=%1 IS %2 WHICH IS NOT POSITIVE.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6329.0 *** USER FATAL MESSAGE 6329
THE DETERMINANT OF JACOBIAN IS ZERO AT GAUSS POINT: X=%1 Y=%2
USER ACTION: CHECK GEOMETRY OF ELEMENT ID=%3. OTHERWISE, CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6329.2 *** USER FATAL MESSAGE 6329 (SHTRPD)
BAD GEOMETRY CONDITION AT GAUSS POINT :%1
USER ACTION: CHECK GEOMETRY OF ELEMENT ID=%2. OTHERWISE, CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6329.3 *** SYSTEM FATAL MESSAGE 6329 (SHPSHD)
THE DETERMINANT OF JACOBIAN IS ZERO AT GAUSS POINT: X=%1, Y=%2 FOR ELEMENT ID=%3.
USER ACTION: CHECK GEOMETRY OF THIS FACE. OTHERWISE, CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6329.4 *** USER FATAL MESSAGE 6329 (SDPS1D)
THE DETERMINANT OF JACOBIAN IS ZERO AT GAUSS POINT: X=%1 Y=%2
USER ACTION: CHECK GEOMETRY OF ELEMENT ID=%3. OTHERWISE, CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6329.5 *** USER FATAL MESSAGE 6329 (PTERMD)
THE DETERMINANT OF JACOBIAN IS ZERO AT GAUSS POINT: X=%1 Y=%2 Z=%3
USER ACTION: CHECK GEOMETRY OF ELEMENT ID=%4. OTHERWISE, CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6329.6 *** SYSTEM FATAL MESSAGE 6329 (PFACED)
THE DETERMINANT OF JACOBIAN IS ZERO AT GAUSS POINT: X=%1 FOR FACE ID=%2.
USER ACTION: CHECK GEOMETRY OF THIS FACE. OTHERWISE, CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6329.7 *** SYSTEM FATAL MESSAGE 6329 (PEDGED)
THE DETERMINANT OF JACOBIAN IS ZERO AT GAUSS POINT: X=%1 FOR EDGE ID=%2.
USER ACTION: CHECK GEOMETRY OF THIS EDGE. OTHERWISE, CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6329.8 *** USER FATAL MESSAGE 6329 (JACTD)
THE DETERMINANT OF JACOBIAN IS ZERO AT GAUSS POINT: X=%1 Y=%2 Z=%3
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6329.12 *** USER FATAL MESSAGE 6329
THE DETERMINANT OF JACOBIAN IS ZERO AT GAUSS POINT: X=%1 Y=%2
USER ACTION: CHECK GEOMETRY OF ELEMENT ID=%3. OTHERWISE, CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6329.15 *** USER FATAL MESSAGE 6329 (EMGPSD)
THE DETERMINANT OF JACOBIAN IS ZERO AT GAUSS POINT: X=%1 Y=%2 Z=%3
USER ACTION: CHECK GEOMETRY OF ELEMENT ID=%4. OTHERWISE, CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6329.16 *** USER FATAL MESSAGE 6329
THE DETERMINANT OF JACOBIAN IS ZERO AT GAUSS POINT: =%1
USER ACTION: CHECK GEOMETRY OF ELEMENT ID=%2.
OTHERWISE, CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6329.18 *** USER FATAL MESSAGE 6329 (EBMVLD)
THE DETERMINANT OF JACOBIAN IS ZERO AT GAUSS POINT: X=%1 Y=%2
USER ACTION: CHECK GEOMETRY OF ELEMENT ID=%3.
OTHERWISE, CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6329.19 *** USER FATAL MESSAGE 6329 (BMPPMD)
THE CURVATURE OF ARC AT GAUSS POINT %1 FOR THE BEAM ELEMENT %2 IS ZERO.
USER ACTION: CHECK GEOMETRY OF ELEMENT OTHERWISE, CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6329.20 *** USER FATAL MESSAGE 6329 (BMPPMD)
THE SLOPE OF ARC AT GAUSS POINT %1 FOR THE BEAM ELEMENT %2 IS ZERO.
USER ACTION: CHECK GEOMETRY OF ELEMENT OTHERWISE, CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6331.0 *** SYSTEM FATAL MESSAGE 6331 (PSHBUT)
INADMISSIBLE CASE NUMBER=%1 FOR BUBBLE FUNCTIONS TRIAP SHELL ELEMENT.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6331.1 *** SYSTEM FATAL MESSAGE 6331 (PSHBUB)
INADMISSIBLE CASE NUMBER=%1 FOR BUBBLE FUNCTIONS QUADP SHELL ELEMENT.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6331.2 *** SYSTEM FATAL MESSAGE 6331 (PFAC4L)
LOGIC ERROR: LOOP =%1, IERROR=%2
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6331.3 *** SYSTEM FATAL MESSAGE 6331 (ETREPL)
LOGIC ERROR: LOOP =%1 IS GREATER THAN 21 FOR THE TRIA ELEMENT.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6331.4 *** SYSTEM FATAL MESSAGE 6331 (ETREPL)
LOGIC ERROR: NUMBER OF FUNCTIONS USED =%1 IS GREATER THAN THE MAX FUNCTIONS =%2.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER

SUPPORT.

6331.5 *** SYSTEM FATAL MESSAGE 6331 (ETREPL)
LOGIC ERROR: MAX FUNCTIONS =%1 FOR WHICH SPACE IS RESERVED IS LESS THAN 1.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6331.6 *** SYSTEM FATAL MESSAGE 6331 (ETEPL)
LOGIC ERROR: LOOP =%1 IS GREATER THAN 21 FOR THE PENTA ELEMENT.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6331.7 *** SYSTEM FATAL MESSAGE 6331 (EPEPL)
LOGIC ERROR: GRID SIL VALUES FOR QUADRILATERAL FACE ARE NOT UNIQUE.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6331.8 *** SYSTEM FATAL MESSAGE 6331 (AAAAAAAA)
LOGIC ERROR: ELEMENT TYPE = %1 (ELEMENT ID =%2) IS NOT A SUPPORTED P-ELEMENT TYPE.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6331.9 *** SYSTEM FATAL MESSAGE 6331 (BUBITT)
INADMISSIBLE CASE NUMBER=%1 FOR BUBBLE FUNCTIONS QUADP/TRIAP SHELL ELEMENT.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6331.10 *** SYSTEM FATAL MESSAGE 6331 (EMGMID)
LOGIC ERROR: L1 =%1, L2=%2, L3=%3
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6331.11 *** SYSTEM FATAL MESSAGE 6331 (JACPD)
LOGIC ERROR: ZERO POLYNOMIAL COEFFICIENT

6333.0 *** SYSTEM FATAL MESSAGE 6333 (EQNINC)
DEQIND DATA BLOCK HAS A LENGTH OF %1 WHICH IS NOT A MULTIPLE OF %2.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6334.0 *** SYSTEM FATAL MESSAGE 6334 (EQNINC)
THE DEQATN ENTRY ID=%1 CAN NOT BE FOUND IN THE DEQIND DATA BLOCK.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6334.1 *** SYSTEM FATAL MESSAGE 6334 (FCEN4D)

THE DEQATN ENTRY ID=%1 CAN NOT BE FOUND IN THE EQUATION POOL.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6334.2 *** USER FATAL MESSAGE 6334 (EMGPTD)
THE DEQATN ENTRY ID=%1 CAN NOT BE FOUND IN THE DEQIND DATA BLOCK.
USER ACTION: CHECK TEMPF ENTRY SPECIFICATION.

6335.0 *** SYSTEM FATAL MESSAGE 6335 (EQNINC)
ERROR DETECTED IN DEQATN TABLE.
PROGRAMMER INFORMATION: LENGTH OF RECORD=%1, LENGTH OF HEADER=%2
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6336.0 *** USER WARNING MESSAGE 6336 (EQNINC)
THE NUMBER OF ARGUMENTS IN THE DEQATN ENTRY ID=%1 IS %2.
USER INFORMATION: IT IS SUPPOSED TO BE %3.
USER ACTION: CHECK NX NASTRAN USERS MANUAL FOR THE BULK DATA ENTRY THAT REFERS TO THIS DEQATN ENTRY.

6338.0 *** SYSTEM FATAL MESSAGE 6338 (GIFACD)
LOGIC ERROR: IERR=%1, N=%2, J=%3, X=%4
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6341.0 *** SYSTEM FATAL MESSAGE 6341 (PEDGED)
NFUN=%1 OBTAINED FROM PEDGEL SUBROUTINE IS INCONSISTENT WITH (PEDGE-1)=%2 FROM SLT RECORD.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6341.1 *** SYSTEM FATAL MESSAGE 6341 (EMSPPD)
NFUN=%1 FOR KEDGE=%2 OBTAINED FROM EQEPL SUBROUTINE IS INCONSISTENT WITH (PEDGE-1)=%3 FROM EHT RECORD.

6341.2 *** SYSTEM FATAL MESSAGE 6341 (EMBPPD)
NFUN=%1 FOR KEDGE=%2 OBTAINED FROM EBEPL SUBROUTINE IS INCONSISTENT WITH (PEDGE-1)=%3 FROM EHT RECORD.

6341.3 *** SYSTEM FATAL MESSAGE 6341 (PF3SPD)
NFUN=%1 FOR KDOFTP=%2 OBTAINED FROM %3 SUBROUTINE IS INCONSISTENT WITH (PEDGE-1)=%4 FROM SLT RECORD.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6342.0 *** USER FATAL MESSAGE 6342 (PFACED)
FOR FACE ID=%1 ONLY ONE OF THE FIELDS: FEQNID, FTABID, AND F1 THROUGH F9 CAN BE USED TO SPECIFY THE PFACE LOAD.

USER ACTION: CHECK PFACE ENTRY FOR THIS FACE.

6342.1 *** USER FATAL MESSAGE 6342 (PEDGED)
FOR EDGE ID=%1 ONLY ONE OF THE FIELDS: FEQNID, FTABID, AND F1 THROUGH F4 CAN BE USED TO SPECIFY THE PEDGE LOAD.
USER ACTION: CHECK PEDGE ENTRY FOR THIS EDGE.

6342.2 *** USER FATAL MESSAGE 6342 (FCEN3D)
FOR FACE ID=%1 ON GMBC LOAD ID=%2 SPC ID=%3 ONLY ONE OF THE FIELDS: IDEQN, IDTAB, AND
D1 THROUGH D6 CAN BE USED TO SPECIFY THE ENFORCED DISPLACEMENT.
USER ACTION: CHECK THE BCFACE OR BCSURF ENTRIES

6342.3 *** USER FATAL MESSAGE 6342 (EMGPTD)
FOR ELEMENT ID=%1 ONLY ONE OF THE FIELDS: FEQNID, FTABID, AND F1 THROUGH F4 CAN BE USED TO SPECIFY THE TEMPERATURE.
USER ACTION: CHECK TEMPF ENTRY SPECIFICATION.

6342.4 *** USER FATAL MESSAGE 6342 (EGENDD)
FOR EDGE ID=%1 ON GMBC LOAD ID=%2 SPC ID=%3, ONLY ONE OF THE FIELDS: IDEQN, IDTAB, AND
D1 THROUGH D4 CAN BE USED TO SPECIFY THE ENFORCED DISPLACEMENT.
USER ACTION: CHECK THE BCEDGE, BCCURVE, BCFACE OR BCSURF ENTRIES

6342.5 *** USER FATAL MESSAGE 6342 (FCEN4D)
FOR FACE ID=%1 ON GMBC LOAD ID=%2 SPC ID=%3 ONLY ONE OF THE FIELDS: IDEQN, IDTAB, AND
D1 THROUGH D9 CAN BE USED TO SPECIFY THE ENFORCED DISPLACEMENT.
USER ACTION: CHECK THE BCFACE OR BCSURF ENTRIES.

6343.0 *** USER FATAL MESSAGE 6343 (PFACED)
NO METHOD CAN BE FOUND ON THE PFACE ENTRY ID=%1 TO DEFINE THE LOAD.
USER ACTION: CHECK PFACE ENTRY FOR THIS FACE.

6343.1 *** USER FATAL MESSAGE 6343 (PEDGED)
NO METHOD CAN BE FOUND ON THE PEDGE ENTRY ID=%1 TO DEFINE THE LOAD.
USER ACTION: CHECK PEDGE ENTRY FOR THIS EDGE.

6345.0 *** SYSTEM FATAL MESSAGE 6345
MDOFS OF KDOFTP=%1 IS EQUAL TO %2 WHICH IS LESS THAN THE MINIMUM ALLOWABLE VALUE OF 3.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6349.0 *** USER FATAL MESSAGE 6349 (PFTBLS)
TABLE3D ID=%1 REQUIRES THE SPECIFICATION OF AT LEAST 4 POINTS.

6350.0 *** USER FATAL MESSAGE 6350 (PFTBLI)
THE TABLE3D ENTRY ID=%1 DOES NOT EXIST.

6352.0 *** SYSTEM FATAL MESSAGE 6352 (%1)
LOGIC ERROR: KERROR=%1.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6352.1 *** SYSTEM FATAL MESSAGE 6352 (AAAAAA)
LOGIC ERROR: KERROR=%1, IAPP=%2
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6352.2 *** SYSTEM FATAL MESSAGE 6352 (PFUNSD)
LOGIC ERROR: ILLEGAL VALUE FOR IOPT OR NMAX.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: IOPT=%1 NMAX=%2

6352.3 *** SYSTEM FATAL MESSAGE 6352 (AAAAAAAA)
LOGIC ERROR: KERROR=%1, GID=%2
PROGRAMMER INFORMATION: THE PARENT SUBROUTINE IS %3
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6352.4 *** SYSTEM FATAL MESSAGE 6352 (REMENT)
LOGIC ERROR: KERROR=%1
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: RECORD NAME = %2

6352.5 *** SYSTEM FATAL MESSAGE 6352 (BMPEED)
LOGIC ERROR: KERROR=%1.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: KDOFTP=%2 DOFSIL= %3

6352.6 *** SYSTEM FATAL MESSAGE 6352 (ADPVAL)
LOGIC ERROR: KERROR=%1
PROGRAMMER INFORMATION: OPTION=%2
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6352.7 *** SYSTEM FATAL MESSAGE 6352
LOGIC ERROR: KERROR=%1, ADAPT ID=%2.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6352.8 *** USER INFORMATION MESSAGE 6352
SYSTEM(228)=%1 HAS BEEN SPECIFIED TO USE %2 METHOD FOR ADAPTIVITY ERROR-ESTIMATE.

6352.9 *** SYSTEM FATAL MESSAGE 6352 (ELPOLY)
LOGIC ERROR: KERROR=%1.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: KPTYPE=%2, NPTYPE=%3.

6352.10 *** SYSTEM FATAL MESSAGE 6352 (ELPOLY)
LOGIC ERROR: KERROR=%1.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: KGEFB=%2, NGEFB=%3.

6352.11 *** SYSTEM FATAL MESSAGE 6352 (ELVOLD)
LOGIC ERROR: KERROR=%1.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: LTAB=%2, NELEM=%3, NWD=%4, KPTYPE=%5.

6352.12 *** SYSTEM FATAL MESSAGE 6352 (ELVOLD)
LOGIC ERROR: KERROR=%1.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: KPTYPE=%2 IS NOT SUPPORTED.

6352.13 *** SYSTEM FATAL MESSAGE 6352 (ELVOLW)
LOGIC ERROR: KERROR=%1.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: KPTYPE=%2, IVOLX=%3

6352.14 *** SYSTEM FATAL MESSAGE 6352 (ELVOLW)
LOGIC ERROR: KERROR=%1.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: KPTYPE=%2, LVOLX=%3, NWD=%4, NELEM=%5

6352.15 *** SYSTEM FATAL MESSAGE 6352 (ELVOLW)
LOGIC ERROR: KERROR=%1.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: KPTYPE=%2

6352.16 *** SYSTEM FATAL MESSAGE 6352 (%1)
LOGIC ERROR: KERROR=%2.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

PROGRAMMER INFORMATION: KCOL=%3 IS NOT SUPPORTED. THE PARENT SUBROUTINE IS %4

6352.17 *** SYSTEM FATAL MESSAGE 6352 (EMGPGD)
LOGIC ERROR : JXGAUS(1..3) = %1 JW = %2
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6352.18 *** SYSTEM FATAL MESSAGE 6352 (ADPOLY)
LOGIC ERROR: KERROR=%1.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: III=%2%3%4, IP123=%5, GEFB=%6, KORDER=%7, EID=%8

6352.19 *** SYSTEM FATAL MESSAGE 6352 (ADPSAV)
LOGIC ERROR: KERROR=%1.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: IERRN=%2, LERRN=%3, NWERRN=%4 SHOULD ALL BE POSITIVE.

6352.20 *** SYSTEM FATAL MESSAGE 6352 (ADPSAV)
LOGIC ERROR: KERROR=%1.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: IPVALN=%2, LPVALN=%3, NWPVALN=%4 SHOULD ALL BE POSITIVE.

6352.21 *** SYSTEM FATAL MESSAGE 6352 (ADPSAV)
LOGIC ERROR: KERROR=%1.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: LERRN=%2 IS NOT A MULTIPLE OF NWERRN=%3

6352.22 *** SYSTEM FATAL MESSAGE 6352 (ADPSAV)
LOGIC ERROR: KERROR=%1.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: NVIEWX=%2, NWVIEW=%3, LVIEWX=%4, KPTYPE=%5

6352.23 *** SYSTEM FATAL MESSAGE 6352 (ADPVLN)
LOGIC ERROR: KERROR=%1.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: NPMRG=%2, NWPMRG=%3, LPMRT=%4

6352.24 *** SYSTEM FATAL MESSAGE 6352 (ADPVLN)
LOGIC ERROR: KERROR=%1.

USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: NPVAL)=%2, NWPVAL=%3, LPVALO=%4

6352.25 *** SYSTEM FATAL MESSAGE 6352 (ADPVLN)
LOGIC ERROR: KERROR=%1.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: EID=%2 CAN NOT BE FOUND IN THE PVALN TABLE.

6352.26 *** SYSTEM FATAL MESSAGE 6352 (ADPWHY)
LOGIC ERROR: KERROR=%1.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: THE PARENT SUBROUTINE IS %2

6352.27 *** SYSTEM FATAL MESSAGE 6352 (ADPWHY)
LOGIC ERROR: KERROR=%1.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: EID=%2 IS MISSING FROM THE ERRNEW TABLE.
PROGRAMMER INFORMATION: THE PARENT SUBROUTINE IS A8

6352.28 *** SYSTEM FATAL MESSAGE 6352 (ESTBLD)
LOGIC ERROR: KERROR=%1.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: MAXLST=%2 IS SMALLER THAN %3=%4

6352.29 *** SYSTEM FATAL MESSAGE 6352 (TETIND)
LOGIC ERROR: 1
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: GROUP NO = %1, REF. TO INTEGRATION POINT = %2 DOES NOT EXIST

6352.30 *** SYSTEM FATAL MESSAGE 6352 (TETIND)
LOGIC ERROR: 2
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: IC = %1 IS NOT EQUAL TO NC = %2

6352.31 *** SYSTEM FATAL MESSAGE 6352 (TETIND)
LOGIC ERROR: 3
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: IN = %1 IS NOT EQUAL TO N = %2

6352.32 *** SYSTEM FATAL MESSAGE 6352 (GETPVD)
LOGIC ERROR: 4
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: RULE %1 IS NOT INSTALLED.

6353.0 *** USER INFORMATION MESSAGE 6353 (EGENDD)
ENFORCED DISPLACEMENT VECTOR IS NULL FOR COMPONENT=I OF EDGE GENERATED BY GRID %1 AND %2
IN FACE ID=%3 ON GMBC LOAD ID=%4 AND SPC ID=%5.

6353.1 *** USER INFORMATION MESSAGE 6353 (EGENDD)
ENFORCED DISPLACEMENT VECTOR IS NULL FOR COMPONENT=I OF EDGE ID=%1 ON GMBC LOAD ID=%2 AND SPC ID=%3.

6353.2 *** USER WARNING MESSAGE 6353 (FCUCND)
ENFORCED DISPLACEMENT VECTOR FOR COMPONENT=%1 OF FACE ID=%2 ON GMBC LOAD ID=%3 AND SPC ID=%4 IS NULL.

6354.0 *** SYSTEM FATAL MESSAGE 6354 (FCEN3D)
ALL COMPONENTS FOR FACE ID=%1 IN FCEND RECORD ARE ZERO.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6354.1 *** SYSTEM FATAL MESSAGE 6354 (EGENDD)
ALL COMPONENTS OF EDGE ID=%1 IN EGEND RECORD ARE ZERO.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6355.0 *** SYSTEM FATAL MESSAGE 6355 (FCEN3D)
GRID ID(S) IN GPSIL ARRAY AND FCEND TABLE ARE NOT CONSISTENT.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: GP IN FCEND:%1
%2
GP IN GPSIL:%3
%4

6355.1 *** SYSTEM FATAL MESSAGE 6355 (EGENDD)
GRID ID(S) IN GPSIL ARRAY AND EGEND TABLE ARE NOT CONSISTENT.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: GP IN EGEND:%1
GP IN GPSIL:%2

6355.2 *** SYSTEM FATAL MESSAGE 6355 (FCEN4D)
GRID ID(S) IN GPSIL ARRAY AND FCEND TABLE ARE NOT CONSISTENT.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER

SUPPORT.
PROGRAMMER INFORMATION:
FCEND:%1
%2
GPSIL:%3
%4

6357.0 *** USER FATAL MESSAGE 6357
NO GRID POINTS FOUND

6359.0 *** USER WARNING MESSAGE 6359 (PREMAT)
MAT2 OR MAT9 ENTRY COMBINED WITH ISOTROPIC CREEP
FORMULATION MAY PRODUCE INCORRECT RESULTS.

6361.0 *** USER INFORMATION MESSAGE 6361 (ULANCZ)
UNSYMMETRIC REAL LANCZOS DIAGNOSTICS.

6361.1 *** SYSTEM INFORMATION MESSAGE 6361 --
REIGL MODULE DIAGNOSTICS
THESE DIAGNOSTICS ARE REQUESTED BY MSGLVL = %1 ON THE
EIGRL ENTRY.
INITIAL PROBLEM SPECIFICATION
DEGREES OF FREEDOM = %2 MESSAGE LEVEL = %3
LEFT END POINT = %4
NUMBER OF MODES = %5 OUTPUT UNIT = %6
RIGHT END POINT = %7
MODE FLAG = %8 SIZE OF WORKSPACE = %9
CENTER FREQUENCY = %10
PROBLEM TYPE = %11 MAXIMUM BLOCK SIZE = %12
ACCURACY REQUIRED = %13
SHIFTING SCALE = %14

6361.2 *** USER INFORMATION MESSAGE 6361 (CLASDD)
COMPLEX LANCZOS DIAGNOSTICS.
THIS DIAGNOSTICS IS REQUESTED BY DIAG12.
INITIAL PROBLEM SPECIFICATION
DEGREES OF FREEDOM = %1 ACCURACY REQUIRED = %2
REQUESTED MODES = %3 NUMBER OF SHIFTS = %4
DAMPING MODE FLAG = %5 SIZE OF WORKSPACE = %6

6362.0 *** SYSTEM FATAL MESSAGE 6362, (EVLFCE),
THE ENFORCED DISPLACEMENT VALUE OF THE GRIP POINT
WHICH BELONGS
TO THE FACE ID = %1 DOES NOT EXIST.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER
SUPPORT.
PROGRAMMER ACTION: CHECK ENFORCED DISPLACEMENT
VECTOR ROUTINE.

6363.0 *** SYSTEM FATAL MESSAGE 6363, (EVLFCE),
THE ENFORCED DISPLACEMENT VECTOR COLUMN DOES NOT

EXIST
FOR FACE ID = %1 FOR COMPONENT = %2
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER ACTION: CHECK ENFORCED DISPLACEMENT VECTOR ROUTINE (IERROR=%3).

6363.1 *** SYSTEM FATAL MESSAGE 6363, (EVLEDG),
THE ENFORCED DISPLACEMENT VECTOR COLUMN DOES NOT EXIST
FOR EDGE ID = %1 FOR COMPONENT = %2
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER ACTION: CHECK ENFORCED DISPLACEMENT VECTOR ROUTINE (IERROR=%3).

6364.0 *** SYSTEM FATAL MESSAGE 6364, (EVLFCE),
THE ENFORCED DISPLACEMENT VECTOR LENGTH DOES NOT MATCH
WITH THE CALCULATED VALUE FOR THE FACE ID = %1
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER ACTION: CHECK ENFORCED DISPLACEMENT VECTOR ROUTINE.

6364.1 *** SYSTEM FATAL MESSAGE 6364, (EVLEDG),
THE ENFORCED DISPLACEMENT VECTOR LENGTH DOES NOT MATCH
WITH THE CALCULATED VALUE FOR THE EDGE ID = %1
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER ACTION: CHECK ENFORCED DISPLACEMENT VECTOR ROUTINE.

6365.0 *** SYSTEM FATAL MESSAGE 6365, (EVLFCE),
THE COMPONENT: %1 IS INVALID FOR FACE ID = %2
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER ACTION: CHECK SPCDE/SPCDF RECORDS.

6367.0 *** USER FATAL MESSAGE 6367, (POLYD),
GRID IDS =%1 ARE VERY CLOSE TO EACH OTHER
USER ACTION: CHECK GRID ENTRIES.

6367.1 *** USER FATAL MESSAGE 6367, (POLYD),
GRID OR POINT ID =%1 FOR ELEMENT ID =%2 IS UNDEFINED.

6367.2 *** USER FATAL MESSAGE 6367, (OPTGPC)
GRID OR POINT ID =%1 FOR FEEDGE/FEFACE ID = %2 IS UNDEFINED.

6367.3 *** USER FATAL MESSAGE 6367, (EVLPND),

GRID OR POINT ID =%1 FOR FEEDGE ID =%2 IS UNDEFINED.

6369.0 *** USER FATAL MESSAGE 6369, (GP0DA),
THE SELECTED ADAPT SET ID =%1 CANNOT BE FOUND.
USER ACTION: CHECK ADAPT AND PSET BULK DATA ENTRIES.

6370.0 *** USER FATAL MESSAGE 6370, (POLYD),
FINAL EDGE OR FACE TABLE IS INVALID.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6370.1 *** USER FATAL MESSAGE 6370, (GP0P4)
INVALID DATA

6370.2 *** USER FATAL MESSAGE 6370, (GP0P4),
FINAL ELEMENT PROPERTY TABLE CREATED IN GP0D IS INVALID.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6370.9 *** USER FATAL MESSAGE 6370,
FINAL EDGE OR FACE TABLE CREATED IN GP0DA IS INVALID.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6371.0 *** USER FATAL MESSAGE 6371, (GP0DA),
BOTH THE ADAPT AND PSET ENTRIES ARE PRESENT.
USER INFORMATION: EITHER THE ADAPT OR PSET ENTRY MAY BE SPECIFIED BUT NOT BOTH.

6374.0 *** SYSTEM FATAL MESSAGE 6374,
ELEMENT TYPE =%1 IS NOT SUPPORTED IN P-ELEMENT ANALYSIS.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: GP0 MODULE FAILED TO RECOGNIZE THIS ELEMENT TYPE CHECK GPTABD ROUTINE.

6375.0 *** SYSTEM FATAL MESSAGE 6375, (GP0E),
THE FINAL EDGE OR FACE TABLE CREATED IN GP0D IS INVALID.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6376.0 *** SYSTEM FATAL MESSAGE 6376, (GP0E),
THE FINAL EDGE TABLE CREATED IN GP0H IS INVALID.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6376.1 *** SYSTEM FATAL MESSAGE 6376, (GP0E),
THE FINAL TABLE 2 CREATED IN GP0E IS INVALID.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6376.2 *** SYSTEM FATAL MESSAGE 6376, (GP0DE),
TABLE 2 CREATED IN GP0DA IS INVALID.

USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6376.3 *** USER FATAL MESSAGE 6376 (CIFGRI)
THE GMBNDC BOUNDARY ID = %1 REFERENCED BY GMINTC ELEMENT ID = %2 HAS AN UNDEFINED
P-ELEMENT EDGE BETWEEN GRID ID = %3 AND GRID ID = %4.

6376.4 *** SYSTEM FATAL MESSAGE 6376, (CIECHT),
THE FINAL TABLES CREATED IN THE %1 ROUTINE IS INVALID.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6376.5 *** SYSTEM FATAL MESSAGE 6376, (CSFFAC),
THE EDGE TABLE CREATED IN THE %1 ROUTINE IS INVALID.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6377.0 *** USER FATAL MESSAGE 6377, (GP0H),
THE GRID POINTS SPECIFIED ON FEFACE BULK DATA ENTRY ID = %1 DO NOT DEFINE A VALID THREE OR
FOUR SIDED FACE OF ANY P-ELEMENT.
USER ACTION: CHECK FEFACE AND/OR SET ENTRIES.

6379.0 *** USER FATAL MESSAGE 6379, (GP0F),
THE FEEDGE ID = %1 REFERENCED BY %2 IS UNDEFINED.

6379.1 *** USER WARNING MESSAGE 6379, (GP0F),
THE %1 ID=%2 ASSOCIATED WITH GMSURF ID=%3 HAS NO ASSOCIATED FEFACE,
THUS LOAD WILL BE IGNORED.

6379.2 *** USER WARNING MESSAGE 6379, (GP0F),
THE %1 ID=%2 ASSOCIATED WITH GMCURV ID=%3 HAS NO ASSOCIATED FEEDGE,
THUS LOAD WILL BE IGNORED.

6379.3 *** USER WARNING MESSAGE 6379, (CSFFAC),
THE FACE ID =%1 SPECIFIED ON GMBNDS BULK DATA ENTRY ID = %2 DOES NOT DEFINE A VALID FACE OF ANY
P-ELEMENT.
USER ACTION: CHECK FEFACE AND/OR SET ENTRIES.

6379.4 *** USER WARNING MESSAGE 6379, (CSFSRF),
THE SURFACE ID =%1 SPECIFIED ON GMBNDS BULK DATA ENTRY ID =%2 DOES NOT DEFINE A VALID FACE OF
ANY P-ELEMENT.

6379.5 THE GRID ID =%1 SPECIFIED ON GMBNDS BULK DATA ENTRY ID =%2 DOES NOT BELONG TO THE P-ELEMENT BOUNDARY.
USER ACTION: CHECK GMBNDS AND/OR FEFACE ENTRIES.
USER ACTION: CHECK FEFACE AND/OR SET ENTRIES.

6380.0 *** USER FATAL MESSAGE 6380, (GP0F),

THE FEFACE ID = %1 REFERENCED BY %2 IS UNDEFINED.

6381.0 *** USER FATAL MESSAGE 6381,
THE FEFACE CORRESPONDING TO GMSURF ID = %1 REFERENCED BY %2 IS UNDEFINED.

6381.1 *** USER FATAL MESSAGE 6381,
THE FEEDGE CORRESPONDING TO GMCURV ID = %1 REFERENCED BY %2 IS UNDEFINED.

6381.2 *** USER FATAL MESSAGE 6381, (GP0F),
INVALID THE GMCURV OR GMSURF ID =%1 REFERENCED BY GMLOAD ID =%2 IS UNDEFINED.

6381.4 *** USER FATAL MESSAGE 6381, (GBCSF),
THE GMSURF ID = %1 REFERENCED BY %2 IS UNDEFINED.

6381.6 *** USER FATAL MESSAGE 6381, (GBCCE),
THE GMCURV ID = %1 REFERENCED BY %2 IS UNDEFINED.

6382.0 *** SYSTEM FATAL MESSAGE 6382, (GP0F),
THE FINAL GRIDN TABLE CREATED IN GP0D IS INVALID.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6385.0 *** USER FATAL MESSAGE 6385, (GSPCCE),
THE FEEDGE ID = %1 REFERENCED BY %2 IS UNDEFINED.

6386.0 *** USER FATAL MESSAGE 6386, (GSPCSF),
THE FEFACE ID = %1 REFERENCED BY %2 IS UNDEFINED.

6387.0 *** SYSTEM FATAL MESSAGE 6387, (GSPCSF),
FINAL GRIDN TABLE CREATED IN GP0DA IS INVALID.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6388.0 *** USER INFORMATION MESSAGE 6388, (GP0),
ADAPT CASE CONTROL ENTRY EXIST, HOWEVER THERE ARE NO P-ELEMENTS IN THE DECK.

6388.1 *** USER INFORMATION MESSAGE 6388, (GP0),
ADAPT CASE CONTROL ENTRY EXIST, HOWEVER PVAL AND/OR PSET ENTRY DOES NOT EXIST

6389.0 *** USER FATAL MESSAGE 6389, (GP0H),
THERE ARE DUPLICATE FACE ENTRIES WITH ID =%1.

6390.0 *** USER FATAL MESSAGE 6390, (GP0I),
ELEMENT ID =%1 TYPE HEXA20 OR PENTA15 AND/OR TETRA10 ARE NOT SUPPORTED IN P-ELEMENT ANALYSIS.
USER ACTION: CHECK ELEMENT CONNECTION ENTRY OR SET ENTRY.

6391.0 *** USER FATAL MESSAGE 6391, (GP0H),
THE GMSURF ID = %1 REFERENCED BY %2 ID =%3 IS UNDEFINED.

6392.0 *** USER FATAL MESSAGE 6392 , (EVLPND),
POINT ID =%1 FOR FEEDGE ID =%2 HAS AN ILLEGAL LOCATION.

6392.1 *** USER FATAL MESSAGE 6392 , (EVLPND),
POINT IDS =%1 FOR FEEDGE ID =%2 HAVE ILLEGAL LOCATIONS.

6394.0 *** USER FATAL MESSAGE 6394, (GP0I),
FEFACE/FEEDGE ID = %1 REFERENCED BY ELEMENT TYPE %2 ID = %3
USER INFORMATION: THIS ELEMENT TYPE CANNOT REFERENCE AN FEEDGE OR FEFACE ENTRY.

6395.0 *** USER FATAL MESSAGE 6395, (MRGCOR),
THE GRID POINTS SPECIFIED ON FEFACE ENTRY ID =%1 DO NOT DEFINE A VALID EDGE OF ANY P-ELEMENT.

6395.1 *** USER FATAL MESSAGE 6395, (GP0I),
THE GRID POINTS SPECIFIED ON FEEDGE BULK DATA ENTRY ID = %1 DO NOT DEFINE A VALID EDGE OF ANY P-ELEMENT.
USER ACTION: CHECK FEEDGE AND/OR SET ENTRIES.

6397.0 *** USER FATAL MESSAGE 6397, (GP0I),
THE GMCURV ID = %1REFERENCED BY FEEDGE ID = %2 IS UNDEFINED.

6398.0 *** SYSTEM FATAL MESSAGE 6398, (MRGCOR),
PRELIMINARY EDGE TABLE CREATED IN GP0B IS INVALID.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6399.0 *** USER FATAL MESSAGE 6399, (MRGCOR),
FOR EDGE ID%1 CIDS PROVIDED BY FEFACE ID =%2 ARE DIFFERENT.
USER ACTION: CHECK FEFACE ENTRIES

6399.1 *** USER FATAL MESSAGE 6399, (MRGCOR),
FOR THE EDGE (G1-G2) =%1-%2 CIDS%3,%4 PROVIDED BY FEFACE ENTRIES ARE DIFFERENT.
USER ACTION: FOR SUCH CASE EITHER PROVIDED FEEDGE ENTRY FOR THAT EDGE, OR CHECK CIDS IN FEFACE ENTRIES.

6399.2 *** USER FATAL MESSAGE 6399, (MRGCOR),
FOR THE EDGE (G1-G2) =%1,%2 THERE ARE TWO INTERSECTING SURFACES.%3,%4
USER ACTION: FOR SUCH CASE PROVIDE FEEDGE ENTRY FOR THAT EDGE.

6400.0 *** USER FATAL MESSAGE 6400, (GP0I),
THERE ARE DUPLICATE FEEDGE ENTRIES WITH ID = %1.

6402.0 *** SYSTEM FATAL MESSAGE 6402, (BCEDG),
THE FINAL EDGE OR FACE TABLE CREATED IN GP0F IS INVALID.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6403.0 *** USER FATAL MESSAGE 6403 (GECINT)
THE GMBNDC BOUNDARY ID = %1 REFERENCED BY %2 ID = %3 IS UNDEFINED.

6403.1 *** USER FATAL MESSAGE 6403 (CIFEDG)
THE BOUNDARY GMBNDC ID = %1 REFERENCED BY GMINTC ID = %2 HAS AN UNDEFINED FEEDGE ID = %3.

6403.2 *** USER FATAL MESSAGE 6403 (CIFEDG)
THE GMBNDC BOUNDARY ID = %1 REFERENCED BY GMINTC ELEMENT ID = %2 IS NOT CONTINUOUS
AT GRID ID = %3.

6403.3 *** USER FATAL MESSAGE 6403, (CIFCRV),
THE GMBNDC ID = %1 REFERENCED BY %2 ID =%3 IS NOT CONTINUOUS AT GRID ID=%4.

6403.4 *** USER FATAL MESSAGE 6403, (BCEDG),
THE FEEDGE ID = %1 REFERENCED BY %2 ID =%3 IS UNDEFINED.

6403.5 *** USER FATAL MESSAGE 6403, (CSFSRF),
THE GMBNDS ID = %1 REFERENCED BY %2 ID =%3 DOES NOT DEFINE A VALID FACE OF ANY P-ELEMENT.
USER ACTION: CHECK GMBNDS ENTRIES.

6403.6 *** USER FATAL MESSAGE 6403 (GESINT)
THE GMBNDS BOUNDARY ID = %1 REFERENCED BY %2 ID = %3 IS UNDEFINED.

6404.0 *** USER FATAL MESSAGE 6404, (BCFAC),
THE FEFACE ID = %1 REFERENCED BY %2 ID =%3 IS UNDEFINED.

6405.0 *** SYSTEM FATAL MESSAGE 6405, (GP3D),
THE GEOM3 TABLE CONTAINS AN INVALID TEMPF RECORD SET ID = %1
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6406.0 *** SYSTEM FATAL MESSAGE 6406 (GP4)
GRID POINT ID= %1 ON AN SPCP/SPCDP ENTRY HAS COMPONENT= %2 GREATER THAN MAX. NDOF= %3
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER ACTION: CHECK SPCP/SPCDP ENTRIES CREATED IN GP0 MODULE.

6407.0 *** SYSTEM FATAL MESSAGE 6407, (MDGM4F),
ENFORCED DISPLACEMENT VECTOR LENGTH DOES NOT MATCH WITH THE CALCULATED VALUE FOR THE FEEDGE/FEFACE ID = %1
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: CHECK ENFORCED

DISPLACEMENT VECTOR ROUTINE.

6408.0 *** SYSTEM FATAL MESSAGE 6408 (TA1A)
NO ELEMENT HIERARCHICAL DATA FOR THE ELEMENT ID =%1 WAS FOUND.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER ACTION: CHECK EHT TABLE.

6409.0 *** SYSTEM WARNING MESSAGE 6409, (TPUSET)
FOR P-ELEMENT USET PRINT, SIL TABLE MUST EXIST AS A THIRD INPUT TO
TABPRT MODULE.

6410.0 *** SYSTEM INFORMATION MESSAGE 6410 (IFP8).
BEGIN PROCESSING OF MATHP ENTRY ID =%1
System information:
This message is issued when the curve-fitting algorithm is activated to produce the material constants for hyperelastic materials based on experimental data. An image of the produced MATHP Bulk Data entry is printed after this message.

6411.0 *** SYSTEM FATAL MESSAGE 6411 (LSQRS).
SINGULAR VALUE DECOMPOSITION DID NOT CONVERGE.
System information:
This message is issued by the Singular Value Decomposition (SVD) method which is used by the curve-fitting algorithm for the hyperelastic material constants. The message occurs when the SVD fails to converge, which may be caused by an error in the experimental data. Check the input in the TABLES1 Bulk Data entries for errors.

6411.1 *** SYSTEM FATAL MESSAGE 6411 (LNNHERR)
INTERNAL FAILURE IN THE LANCZOS PROCEDURE:
SVD QL PROCEDURE FAILED TO CONVERGE.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6412.0 RANK DEFICIENCY HAS BEEN DETECTED IN DATA BLOCK %1

6412.1 RANK DEFICIENCY HAS BEEN DETECTED IN DATA BLOCK P
THAT IS THE PRODUCT OF THE MATRIX %1 BY %2

6412.6 *** SYSTEM WARNING MESSAGE 6412
RANK DEFICIENCY HAS BEEN DETECTED. RANK =%1. FULL RANK =%2
User information:
This message is issued by the Singular Value Decomposition (SVD) method which is used by the curve-fitting algorithm for the hyperelastic material constants. The message occurs when the least squares problem for estimation of the material parameters is rank deficient, i.e., the rank is less than the number of material parameters (full rank). This message may be issued for either distortional (Aij) or

volumetric (Di) parameter fitting.
The program will proceed to find a non-unique solution. However, it is best to try to avoid rank deficiency by providing more experimental data for curve fitting or lowering the order of the strain energy polynomial, NA or ND in the MATHP Bulk Data entry.

6413.0 *** USER WARNING/FATAL MESSAGE 6413
INSUFFICIENT MEMORY FOR THE SYMBOLIC PHASE OF SPARSE DECOMPOSITION.
USER ACTION : INCREASE MEMORY BY AN ESTIMATED %1 WORDS.
THE EXACT MEMORY REQUIREMENT FOR THE SYMBOLIC PHASE MAY BE OBTAINED BY INCREASING MEMORY BY AT LEAST %2 WORDS.

6413.1 *** USER WARNING/FATAL MESSAGE 6413
INSUFFICIENT MEMORY FOR THE SYMBOLIC PHASE OF SPARSE DECOMPOSITION.
USER ACTION : INCREASE MEMORY BY AN ESTIMATED %1 WORDS.

6413.2 *** USER WARNING/FATAL MESSAGE 6413 (DFMSYN)
INSUFFICIENT MEMORY FOR THE SYMBOLIC PHASE OF SPARSE DECOMPOSITION (BEND).
USER ACTION : INCREASE MEMORY BY AN ESTIMATED %1 WORDS.

6413.3 *** USER WARNING/FATAL MESSAGE 6413 (DFMSYN)
INSUFFICIENT MEMORY FOR THE SYMBOLIC PHASE OF SPARSE DECOMPOSITION (METIS).
USER ACTION : INCREASE MEMORY BY AN ESTIMATED %1 WORDS.

6414.0 *** SYSTEM FATAL MESSAGE 6414 (TRD2CD)
THE FACTOR MATRIX (FIST=%1) CANNOT BE USED WITH THE SPARSE METHOD.
USER INFORMATION: THE FACTOR MATRIX WAS PROBABLY OBTAINED VIA THE RESTART OR DBLOCATE FMS STATEMENT OF A DATABASE CREATED IN A PRIOR VERSION OF THE PROGRAM.
USER ACTION: RECOMPUTE THE FACTOR MATRIX IN THIS VERSION OF THE PROGRAM.

6415.0 *** SYSTEM INFORMATION MESSAGE 6415 (DFNSB)
MORE EFFICIENT PROCESSING IN FBS MAY BE POSSIBLE BY SETTING SYSTEM(146) TO 2, 3 OR 4
WHICH WILL RESPECTIVELY MULTIPLY THE FBS MEMORY ALLOCATION FOR THE FACTOR BY 2, 3 OR 4

6417.0 *** USER WARNING MESSAGE 6417 (SQD41D)
THE (%1) OPTION FOR STRESSES IS NOT AVAILABLE FOR

NONLINEAR MATERIAL OR COMPOSITE ELEMENTS.
USER INFORMATION: STRESS (CENTER) WILL BE APPLIED TO THOSE ELEMENTS.
User information:
CUBIC refers to corner output for element STRESS, STRAIN, and FORCE. Corner output is not available for nonlinear analysis, so only center stresses are computed for nonlinear CQUAD4 elements.

6418.0 *** USER WARNING MESSAGE 6418 (SDR2A)
THE %1 OPTION FOR STRAINS OVERRIDES ALL OTHER OPTIONS IN THE FORCE COMMANDS.
User information:
CUBIC refers to corner output for element STRESS, STRAIN, and FORCE. When corner output is selected for CQUAD4 elements, only one output type--CORNER or CENTER-- is available in the entire run, regardless of output request (STRESS, STRAIN, and FORCE) and subcase. The hierarchy is as follows:
1. STRESS in the first subcase determines the request type (CENTER or CORNER).
2. STRESS above the subcase level determines the type.
3. STRAIN in the first subcase determines the type.
4. STRAIN above the subcase level determines the type.
5. FORCE in the first subcase determines the type.
6. FORCE above the subcase level determines the type.
The second (and successive) subcases are not used to determined output type (CENTER or CORNER).

6418.1 *** USER WARNING MESSAGE 6418 (SDR2A)
THE %1 OPTION FOR STRESSES OVERRIDES ALL OTHER OPTIONS IN STRAIN AND FORCE COMMANDS.
User information:
CUBIC refers to corner output for element STRESS, STRAIN, and FORCE. When corner output is selected for CQUAD4 elements, only one output type--CORNER or CENTER-- is available in the entire run, regardless of output request (STRESS, STRAIN, and FORCE) and subcase. The hierarchy is as follows:
1. STRESS in the first subcase determines the request type (CENTER or CORNER).
2. STRESS above the subcase level determines the type.
3. STRAIN in the first subcase determines the type.
4. STRAIN above the subcase level determines the type.
5. FORCE in the first subcase determines the type.
6. FORCE above the subcase level determines the type.
The second (and successive) subcases are not used to determined output type (CENTER or CORNER).

6418.2 *** USER WARNING MESSAGE 6418 (SDR2A)
THE %1 OPTION FOR STRESS CARD OVERRIDES ALL OTHER

OPTIONS ON THE STRAIN CASE CONTROL CARD.

6419.0 *** USER FATAL MESSAGE 6419
THE NUMBER OF GAUSS POINTS IN %1 DIRECTION IS GREATER THAN THE MAXIMUM ALLOWED (%2).
USER ACTION: CHECK THE "IN" FIELD OF THE PSOLID ENTRY FOR ELEMENT ID = %3.

6419.2 *** USER FATAL MESSAGE 6419 (TBEMPD)
THE NUMBER OF GAUSS POINTS %1 GREATER THAN THE MAXIMUM ALLOWED (%2).
USER ACTION: CHECK THE "IN" FIELD OF THE PSOLID ENTRY FOR ELEMENT ID = %3.

6419.3 *** USER FATAL MESSAGE 6419 (PGAUSS)
THE NUMBER OF GAUSS POINTS IN %1-DIRECTION = %2 IS GREATER THAN THE MAXIMUM ALLOWED (%3).
USER ACTION: CHECK THE "IN" FIELD OF THE %4 ENTRY FOR ELEMENT ID = %5.

6419.4 *** USER FATAL MESSAGE 6419
THE NUMBER OF GAUSS POINTS IN %1 DIRECTION IS GREATER THAN THE MAXIMUM ALLOWED (%2).
USER ACTION: CHECK THE "IN" FIELD OF THE PSOLID ENTRY FOR ELEMENT ID = %3.

6419.6 *** USER FATAL MESSAGE 6419 (EBEMPD)
THE NUMBER OF GAUSS POINTS %1 GREATER THAN THE MAXIMUM ALLOWED (%2).
USER ACTION: CHECK THE "IN" FIELD OF THE PSOLID ENTRY FOR ELEMENT ID = %3.

6419.7 *** USER WARNING MESSAGE 6419 (TA1)
IN=2 OPTION ON TETRAS WITH MID-SIDE NODES IS NOT ALLOWED. IN=3 WILL BE USED
INSTEAD.

6419.8 *** USER WARNING MESSAGE 6419 (TA1)
IN=3 OPTION ON HEXAS OR PENTAS WITHOUT MIDSIDE NODES IS NOT ALLOWED FOR NONLINEAR ANALYSIS. IN=0 WILL BE USED INSTEAD.

6420.0 *** USER FATAL MESSAGE 6420 (GONCED)
ELEMENT ID = %1 REFERENCES A MATERIAL ID = %2 WHICH DOES NOT IDENTIFY A MAT1, MAT9 OR MAT11 ENTRY.

6422.0 *** USER WARNING MESSAGE 6422 (FA2)
THE EIGENVECTOR CORRESPONDING TO THE EIGENVALUE %1,%2 IS NOT AVAILABLE.
USER ACTION: REQUEST ADDITIONAL ROOTS ON THE NDJ FIELD OF THE EIGC BULK DATA ENTRY.

6423.0 *** USER FATAL MESSAGE 6423 (DIAGON)

THE "WHOLE" OPTION OF THE DIAGONAL MODULE CANNOT BE PERFORMED ON A SPARSE FACTOR MATRIX

6424.0 *** SYSTEM FATAL MESSAGE 6424 (UFBSS)
THE NUMBER OF ROWS IN THE LOAD VECTOR AND THE FACTOR MATRIX ARE INCOMPATIBLE
LOAD VECTOR ROWS = %1
FACTOR MATRIX ROWS = %2

6425.0 *** SYSTEM FATAL MESSAGE 6425 (EMA).
THE KDICTP TABLE AND KDICTP TRAILER ARE INCONSISTENT.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT

6425.1 *** SYSTEM FATAL MESSAGE 6425 (MIRROD).
THE KDICTP AND SILS TABLES ARE INCONSISTENT.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT

6426.0 *** USER FATAL MESSAGE 6426 (RMG2)
THE CAVITY ID=%1 REFERENCES UNDEFINED RADIATION MATRIX.
USER INFORMATION: THE RADIATION MATRIX MUST BE DEFINED ON EITHER RADCAV OR RADLST/RADMTX BULK DATA ENTRIES.

6427.0 *** USER WARNING MESSAGE 6427 (VIEW)
VIEW FACTORS WILL NOT BE COMPUTED FOR RADIATION CAVITY ID=%1 BECAUSE A RADIATION MATRIX IS ALREADY DEFINED.
USER INFORMATION: THE RADIATION MATRIX IS DEFINED ON RADLST OR RADMTX BULK DATA ENTRIES.

6428.0 *** SYSTEM WARNING MESSAGE 6428 (ZREAD)
LOGIC ERROR -- CALLING SUBROUTINE SPECIFIED NEGATIVE ARRAY LENGTH.
PROGRAMMER ACTION : CHECK OPEN CORE METHOD.

6430.0 *** USER WARNING MESSAGE 6430 (ZREAD)
MULTIPLE READ PROBLEM IN DATA BLOCK=%1, RECORD=%2 : ARRAY OR UNDEF ITEM IS MORE THAN 100 WORDS.
USER ACTION : SPLIT ARRAY OR UNDEF INTO GROUPS SMALLER THAN 100 WORDS.

6431.0 *** USER WARNING MESSAGE 6431 (ZREAD)
A COUNT ITEM AT OFFSET=%1,IN DATA BLOCK=%2, RECORD=%3, WITH AN NDDL NAME=%4,CONFLICTS WITH THE ACTUAL NAME=%5.
USER INFORMATION : PROBABLE CAUSE IS TOO LITTLE/MUCH DATA ON RECORD=%6.
USER ACTION : CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6432.0 *** SYSTEM WARNING MESSAGE 6432 (ZREAD)
THE ITEM NAMES WITH (C) OPTION OF DATA BLOCK=%1,
RECORD=%2,HAVE EXCEEDED THE MAXIMUM NUMBER OF %3
PROGRAMMER INFORMATION: PROBABLE CAUSE IS MISMATCH OF NDDL AND ZREAD LIMIT.
PROGRAMMER ACTION: : INTRODUCE A BLOCK DATA FOR BOTH ROUTINES.

6433.0 *** SYSTEM WARNING MESSAGE 6433 (ZREAD)
THE DECODED C-ITEM "TCODE" OF DATA BLOCK=%1,
RECORD=%2,
EXCEEDS NORMAL LIMITS "J"=%3 "I"=%4.
PROGRAMMER INFORMATION: PROBABLE CAUSE IS WRONG POSITION OF TABLE CODE, OR
EARLIER RESET OF (C) ITEMS.

6434.0 *** USER WARNING MESSAGE 6434 (ZREAD)
THE LENGTH OF THE DATA IN DATA BLOCK=%1, RECORD=%2,
IS LONGER THAN DESCRIBED IN THE NDDL.
USER INFORMATION: IF YOU USED INPUT2, CHECK FOR A NAME MISMATCH.
IF YOU MODIFIED THE NDDL CHECK YOUR MODIFICATIONS.
USER ACTION : CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6435.0 *** SYSTEM WARNING MESSAGE 6435 (ZREAD)
DURING A SECOND READ OF DATA BLOCK=%1, RECORD=%2, AN ERROR OCCURRED.
PROGRAMMER INFORMATION: PROBABLE CAUSE IS "EMARK" VARIABLE OVERWRITTEN, OR
A REQUEST TO READ THE 3 WORD HEADER OF IFP BLOCK OCCURRED.

6437.0 *** USER FATAL MESSAGE 6437, (MAT)
MATHP ENTRY ID = %1 IS SPECIFIED FOR ELEMENT ID = %2,
WHICH IS NOT A FINITE DEFORMATION ELEMENT.
User information:
This message is issued when a hyperelastic material (MATHP) is referenced by an element which is not a finite deformation element. For instance, any element which does not have a PLSOLID or PLPLANE property entry reference.

6438.0 *** USER FATAL MESSAGE 6438, (MAT)
MATHP ENTRY ID = %1 CAN NOT BE FOUND FOR FINITE DEFORMATION (HYPERELASTIC) ELEMENT ID = %2.
USER ACTION : SPECIFY MATHP ENTRY WITH ID = %3.
User information:
This message is issued if a PLSOLID or PLPLANE property entry, for a hyperelastic element, does not reference a MATHP entry.

6439.0 *** USER INFORMATION MESSAGE 6439 (UDSFA) ---
ACTUAL MEMORY AND DISK SPACE REQUIREMENTS FOR SPARSE UNSYM. DECOMPOSITION
User information:
This message is issued in the .F04 file after decomposition.
It tells how much memory and desk space were actually required.

6439.2 *** USER INFORMATION MESSAGE 6439 (DFMSA) ---
ACTUAL MEMORY AND DISK SPACE REQUIREMENTS FOR SPARSE SYM. DECOMPOSITION
User information:
This message is issued in the .F04 file after decomposition.
It tells how much memory and desk space were actually required.

6439.3 *** USER INFORMATION MESSAGE 6439 (DISDCM1)
ACTUAL MEMORY AND DISK SPACE REQUIREMENTS FOR DISTRIBUTED SPARSE SYM. DECOMPOSITION

6440.0 *** USER FATAL MESSAGE 6440
ELEMENT %1 REFERS TO AN INVALID PROPERTY ENTRY.
USER ACTION: SPECIFY APPROPRIATE PROPERTY ENTRY.

6441.0 *** USER FATAL MESSAGE 6441 (DOPR1Z)
DEQATN ENTRY ID = %1, HAS TOO MANY OR TOO FEW ARGUMENTS.
USER INFORMATION: THE DEQATN ENTRY HAS %2 ARGUMENTS BUT THE
REFERENCING DVPREL2 ENTRY ID = %3 SPECIFIES %4 DESIGN VARIABLES AND %5 DTABLE CONSTANTS.
USER ACTION: MODIFY THE INPUT SO THAT THE NUMBER OF DESIGN VARIABLES PLUS THE
NUMBER OF DTABLE CONSTANTS IS EQUAL TO THE NUMBER OF DEQATN ARGUMENTS.

6442.0 *** USER FATAL MESSAGE 6442 (DOPR3J)
DEQATN %1, WHICH HAS %2 ARGUMENTS, IS REFERENCED BY A DRESP2 ENTRY %3 WHICH HAS %4 ARGUMENTS.
USER ACTION: MODIFY THE INPUT SO THAT THE NUMBER OF ARGUMENTS ON THE DEQATN BULK DATA ENTRY
EQUALS THE SUM OF THE NUMBER OF DESIGN VARIABLES, DTABLE CONSTANTS, RESPONSES AND NODES ON THE CORRESPONDING DRESP2 BULK DATA ENTRY.

6443.0 *** USER WARNING MESSAGE 6443 (SQD41D)
NO CORNER STRESSES, FORCES, OR STRAINS WILL BE COMPUTED FOR QUAD4 ELEMENT ID = %1 BECAUSE ONE OR MORE
OF ITS CORNER THICKNESSES IS ZERO.
USER INFORMATION: ALSO, GRID POINT STRESSES WILL BE INCORRECT AT THOSE CORNERS.
User information:

When requesting corner output for CQUAD4 elements, all membrane thicknesses at the four grid points must be greater than zero. If any thickness is zero, then stresses, forces, and strains are not computed for that element. Subsequent element computations-- such as gridpoint stresses and stress discontinuities-- will not have results from the offending elements.

6444.0 *** USER WARNING MESSAGE 6444 (INPTYP)
THE FILE ASSIGNED TO UNIT =%1 CONTAINS DATA THAT IS INCONSISTENT WITH FORM = %2
USER INFORMATION:
1. THIS MAY BE CAUSED BY:
A. THE FILE IS ACTUALLY A FORTRAN %3 FILE.
B. THE FILE MAY NOT BE A VALID %4 FILE
C. THE FILE HAS BEEN MISPOSITIONED BY A PREVIOUS FORTRAN I/O STATEMENT
2. AN ASSIGN FILE MANAGEMENT STATEMENT WAS %5 TO ASSIGN THE FILE
PROGRAMMER INFORMATION:
THE FILE DOES NOT CONTAIN A %6

6445.0 *** USER WARNING MESSAGE 6445 (INPTYP)
A FORTRAN %1 READ ERROR HAS OCCURRED WHILE PROCESSING UNIT = %2
USER INFORMATION: THE FILE %3 SPECIFIED IN AN ASSIGN FILE MANAGEMENT STATEMENT
USER ACTION: VERIFY THE FILE ASSIGNMENT AND CONTENTS OR CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: FORTRAN IOSTAT CODE = %4

6445.1 *** USER WARNING MESSAGE 6445 (INPTT4)
A FORTRAN %1 READ ERROR HAS OCCURRED WHILE PROCESSING UNIT = %2
USER INFORMATION: THE FILE WAS SPECIFIED IN AN ASSIGN FILE MANAGEMENT STATEMENT
USER ACTION: VERIFY THE FILE ASSIGNMENT AND CONTENTS OR CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
VERIFY DATA AND FORTRAN FORMAT SPECIFICATION.
PROGRAMMER INFORMATION: FORTRAN IOSTAT CODE = %3

6445.2 *** USER FATAL MESSAGE 6445 (INPTYP1)
THE FILE SPECIFIED USING UNIT = %1 IS A 64-BIT FILE.
USER INFORMATION: THIS FILE CANNOT BE OPENED IN AN LP-64 OR ILP32 ENVIRONMENT
USER ACTION: VERIFY THE FILE CONTENTS OR CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6445.3 *** USER FATAL MESSAGE 6445 (INPTYP1)
THE FILE SPECIFIED USING UNIT = %1 IS OF TYPE UNKNOWN.
USER INFORMATION: THIS FILE CANNOT BE OPENED IN AN LP-64

OR ILP32 ENVIRONMENT
USER ACTION: VERIFY THE FILE CONTENTS OR CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6445.4 *** USER FATAL MESSAGE 6445 (INPTYP1)
THE FILE SPECIFIED USING UNIT = %1 IS A 64-BIT OP2 FILE AND NEEDS BYTE SWAPPING.
USER INFORMATION: THIS FILE CANNOT BE BYTE SWAPPED IN ILP64 ENVIRONMENT
USER ACTION: VERIFY THE FILE CONTENTS OR CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6446.0 *** SYSTEM WARNING MESSAGE 6446 (INPTYP)
A FORTRAN %1 READ ERROR HAS OCCURRED PROCESSING STRING VARIABLE %2
USER INFORMATION: FORTRAN IOSTAT CODE = %3
STRING IS = %4

6447.0 *** USER INFORMATION MESSAGE 6447 (SITDRV)
ITERATIVE SOLVER DIAGNOSTIC OUTPUT

6447.2 *** USER INFORMATION MESSAGE 6447 (SITDR3)
ITERATIVE SOLVER DIAGNOSTIC OUTPUT

6447.4 *** SYSTEM INFORMATION MESSAGE 6447 (SDRVP)
DISTRIBUTED PARALLEL ITERATIVE SOLVER DIAGNOSTIC OUTPUT

6448.0 *** USER INFORMATION MESSAGE 6448
SOLUTION CONVERGED WITH ITERATIVE METHOD.

6448.4 *** SYSTEM INFORMATION MESSAGE 6448 (SDRVP)
SOLUTION CONVERGED WITH ITERATIVE METHOD.

6449.0 *** USER INFORMATION MESSAGE 6449:
INTERNAL CONVERGENCE CRITERION WAS NOT PASSED FOR LOAD NUMBER %1

6449.2 *** SYSTEM INFORMATION MESSAGE 6449
INTERNAL CONVERGENCE CRITERION WAS NOT PASSED FOR %1 RHS(S) OUT OF %2.
(PLEASE SEE FIRST %3 LOAD(S) FOLLOWING USER INFORMATION MESSAGE 5293 BELOW)

6449.7 *** SYSTEM INFORMATION MESSAGE 6449 (SDRVP)
PROBLEM TOO SMALL FOR COMPUTING OPTIMAL COMMUNICATION PATTERN. SWITCHED TO REGULAR PATTERN.

6449.8 *** USER INFORMATION MESSAGE 6449 (SUCGRD):
INTERNAL CONVERGENCE CRITERION WAS NOT PASSED FOR %1 RHS(S) OUT OF %2.
(PLEASE SEE FIRST %3 LOAD(S) FOLLOWING USER INFORMATION MESSAGE 5293 BELOW

6450.0 *** USER WARNING MESSAGE 6450 (OUTPT4)
THE SELECTION OF THE ASCII FORMAT OPTION IN THE OUTPUT4 MODULE FOR DATABLOCK %1 MAY RESULT IN NUMERIC TRUNCATION.
USER INFORMATION:
1. THE FORTRAN FORMAT BEING USED IS %2
2. THE DEFAULT FORTRAN FORMAT IS (1P,5E16.9)
3. THE FIFTH PARAMETER OF THE OUTPUT4 MODULE CAN BE USED TO INCREASE THE NUMBER OF SIGNIFICANT DIGITS.
USER ACTION:
1. IF THE NUMBER OF SIGNIFICANT DIGITS IS ACCEPTABLE, THEN NO ACTION IS REQUIRED.
2. IF ADDITIONAL SIGNIFICANT DIGITS ARE REQUIRED, THEN INCREASE THE VALUE OF THE FIFTH PARAMETER, AND RERUN THE JOB.
User information:
This message is issued if the internal precision is greater than the requested output precision for OUTPUT4. If you want more precision, increase the value of the fifth parameter in the OUTPUT4 module and rerun the job.

6451.0 *** SYSTEM FATAL MESSAGE 6451 (SITDRV)
ITERATIVE SOLVER HAS BEEN REQUESTED TO SOLVE A SYSTEM WITH PURGED MATRIX.

6452.0 *** SYSTEM FATAL MESSAGE 6452 (SITDRV)
THE INPUT MATRICES TO THE ITERATIVE SOLVER ARE INCOMPATIBLE IN THE NUMBER OF ROWS.

6453.0 *** SYSTEM FATAL MESSAGE 6453 (SITDRV)
THE INPUT MATRICES TO THE ITERATIVE SOLVER ARE DIFFERENT TYPES.
USER ACTION: USE DIRECT SOLUTION METHOD AS IN SOLVE, SSG3 OR FBS MODULES.

6454.0 *** USER FATAL MESSAGE 6454 (IFP8).
NEGATIVE GROUND SHEAR MODULUS HAS BEEN OBTAINED.
USER ACTION: REVISE EXPERIMENTAL DATA AND/OR ORDER OF POLYNOMIAL.
User information:
This message is issued if A10+A01 obtained from the curve-fitting algorithm is negative. The experimental data and/or the order of the strain energy polynomial should be modified.

6455.0 *** USER FATAL MESSAGE 6455 (BGCAU2)
CONTACT REGION ID = %1 SELECTED BY THE BOUTPUT CASE CONTROL COMMAND IN SUBCASE NUMBER %2
OR THE BOUTPUT BULK DATA ENTRY IS UNDEFINED.

6456.0 *** USER FATAL MESSAGE 6456 (BGCOCL)

SAME ID IS SPECIFIED FOR SLAVE = %1 AND MASTER = %2
REGIONS IN BCONP ENTRY ID = %3.

6457.0 *** USER WARNING MESSAGE 6457
NO BOUTPUT CASE CONTROL REQUESTS WERE FOUND AND THEREFORE ANY X-Y PLOT REQUESTS FOR BOUT CANNOT BE PROCESSED.
USER ACTION: SPECIFY THE BOUTPUT CASE CONTROL FOR THE DESIRED SLAVE NODES.

6458.0 *** USER FATAL MESSAGE 6458 (DSAD11)
THE REQUESTED EIGENVALUE OR BUCKLING LOAD FACTOR ID %1 IS GREATER THAN THE NUMBER OF MODES
THAT WERE COMPUTED
USER ACTION: CHECK THE MODE ID SPECIFIED ON THE DRESP1 ENTRY AND THE FREQUENCY RANGE AND/OR NUMBER OF DESIRED EIGENVECTORS SPECIFIED ON THE EIGR/EIGB/EIGRL ENTRY

6459.0 *** USER FATAL MESSAGE 6459 (TA1BSH)
BUSH ELEMENT ID = %1 WITH NONCOINCIDENT CONNECTING NODES REQUIRES THE SPECIFICATION OF ORIENTATION VECTOR OR CID FIELDS
ON THE CBUSH ENTRY, UNLESS ONLY AXIAL PROPERTIES ARE SPECIFICED IN PBUSH ENTRY.

6459.1 *** USER FATAL MESSAGE 6459, (EGAPD)
GAP ELEMENT ID = %1 WITH COINCIDENT CONNECTING NODES REQUIRES THE SPECIFICATION OF CID FIELD ON
THE CGAP ENTRY.

6459.2 *** USER FATAL MESSAGE 6459 (IFS1P)
BUSH ELEMENT ID = %1 WITH COINCIDENT CONNECTING NODES REQUIRES THE SPECIFICATION OF CID FIELD ON THE CBUSH ENTRY.

6459.3 *** USER FATAL MESSAGE 6459 (EBS1D)
BUSH1D ELEMENT ID = %1 WITH COINCIDENT CONNECTING GRIDS REQUIRES THE SPECIFICATION OF CID FIELD ON THE CBUSH1D ENTRY.

6459.4 *** USER FATAL MESSAGE 6459 (SBS11D)
FORCE CALCULATION ON BUSH1D ELEMENT ID = %1 WAS NOT PERFORMED. USE STRESS OPTION INSTEAD.

6460.0 *** SYSTEM FATAL MESSAGE 6460 (UDSFRD)
ERROR IN OUT OF FRONT PIVOT LOGIC
USER ACTION: PLEASE SEND THIS RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6461.0 *** USER WARNING MESSAGE 6461 (NLINIT)
NLPARM SET%1 LOAD(P) CONVERGENCE OPTION IS REMOVED

WHEN NO LOAD INCREMENT EXISTS.
THE WORK(W) CONVERGENCE OPTION HAS BEEN SUBSTITUTED IF NONE SUPPLIED.

6462.0 *** USER WARNING MESSAGE 6462 (RMG2)
STEFAN-BOLTZMANN CONSTANT IS ZERO --- RADIATIVE COUPLINGS NULLIFIED.

6463.0 *** USER WARNING MESSAGE 6463 (RMG2)
%1SYMMETRIC SCRIPT-AF MATRIX (HREE) ASSUMED IN RADMTX.

6464.0 *** USER INFORMATION MESSAGE 6464 (DOM12E)
RUN TERMINATED DUE TO MAXIMUM NUMBER OF DESIGN CYCLES = %1.

6464.1 *** USER INFORMATION MESSAGE 6464 (DOM12E)
RUN TERMINATED DUE TO PARAMETER OPTEXIT = %1.

6464.2 *** USER INFORMATION MESSAGE 6464 (DOM12E)
RUN TERMINATED DUE TO SOFT CONVERGENCE AT CYCLE NUMBER = %1.

6464.3 *** USER INFORMATION MESSAGE 6464 (DOM12E)
RUN TERMINATED DUE TO HARD CONVERGENCE TO AN OPTIMUM AT CYCLE NUMBER = %1.

6464.4 *** USER INFORMATION MESSAGE 6464 (DOM12E)
RUN TERMINATED DUE TO HARD CONVERGENCE TO A BEST COMPROMISE INFEASIBLE DESIGN AT CYCLE NUMBER = %1.

6464.5 *** USER INFORMATION MESSAGE 6464 (DOM12E)
RUN TERMINATED DUE TO CASE CONTROL COMMAND DSAPRT(END=SENSITIVITY).

6464.6 *** USER INFORMATION MESSAGE 6464 (DOM12E)
RUN TERMINATED DUE TO POOR GEOMETRY OR POOR PROPERTIES. SEE FATAL MESSAGES PRINTED ABOVE FOR INFORMATION.

6465.0 *** SYSTEM FATAL MESSAGE 6465
DIVISION BY ZERO WAS ENCOUNTERED BY THE ITERATIVE SOLVER.

6466.0 *** SYSTEM FATAL MESSAGE 6466 (SBUT5)
FOR THE %1 INPUT ALL TERMS IN COLUMN NUMBER = %2 ARE NULL.

6466.1 *** SYSTEM FATAL MESSAGE 6466 (SBUT2)
FOR THE %1 INPUT ALL TERMS IN COLUMN NUMBER = %2 ARE NULL.

6466.3 *** SYSTEM FATAL MESSAGE 6466 (SBDCD)
ALL TERMS IN ROW NUMBER = %1 ARE NULL.

6467.0 *** SYSTEM FATAL MESSAGE 6467:
A NULL COLUMN WAS ENCOUNTERED AT COLUMN NUMBER = %1

IN THE PRECONDITIONER MATRIX.

6467.4 A NULL COLUMN WAS ENCOUNTERED AT COLUMN NUMBER =%1 DURING ORTHOGONALIZATION

6468.0 *** USER FATAL MESSAGE 6468 (GETCOL)
CASE CONTROL SPECIFIED A STATSUB OR IC(STATSUB) ENTRY ID=%1.
NO SUBCASE ENTRIES WITH THAT ID WERE FOUND.
USER INFORMATION : PROBABLE CAUSE IS MISMATCH IN CASE CONTROL.
USER ACTION : SPECIFY A MATCHING SUBCASE/STATSUB

6468.1 *** USER FATAL MESSAGE 6468 (GETCOL)
CASE CONTROL SPECIFIED BOTH A STATSUB AND AN IC(STATSUB) ENTRY
IN THE SAME SUBCASE. ONLY ONE IS ALLOWED.
USER ACTION : REMOVE EITHER THE STATSUB OR IC(STATSUB) ENTRY.

6469.0 *** USER WARNING MESSAGE 6469 (GP4)
CASE CONTROL COMMAND SUPORT1 ID=%1 REFERENCES UNDEFINED SUPORT1 ENTRIES.
USER INFORMATION : PROBABLE CAUSE IS SUPERELEMENT SUBCASES CONTAINING THE SUPORT1 COMMAND.
ONLY THE RESIDUAL STRUCTURE SUBCASES SHOULD CONTAIN THE SUPORT1 COMMAND.
ANOTHER CAUSE MAY BE NO VALID SUPORT1 ENTRIES IN THE BULK DATA.

6470.0 *** SYSTEM INFORMATION MESSAGE 6470 (REIGL0)
MORE EFFICIENT PROCESSING IN LANCZOS EIGENSOLUTION MAY BE POSSIBLE BY INCREASING THE BUFFER SIZE
OR BY INCREASING THE VALUE OF SYSTEM CELL 199. THE PRODUCT OF THESE TWO VALUES SHOULD BE
AT LEAST %1 WORDS. IF SYSTEM CELL 199 IS ALREADY ZERO INCREASE MEMORY

6470.1 *** SYSTEM FATAL MESSAGE 6470 (SSMR0D)
THE MASS MATRIX HAS MORE TERMS PER COLUMN THAN CAN FIT IN A BUFFER.
INCREASE THE BUFFER SIZE OR THE VALUE OF SYSTEM CELL 199 SUCH THAT THE
PRODUCT OF THESE TWO VALUES IS AT LEAST %1 WORDS.

6471.0 *** SYSTEM FATAL MESSAGE 6471 (NLITER)
THE BOUNDARY CONDITION SPECIFIED BY THE SPC AND/OR MPC CASE CONTROL COMMAND IN THE CURRENT SUBCASE
IS DIFFERENT FROM THE PREVIOUS SUBCASE. THIS IS NOT ALLOWED IF THE CURRENT SUBCASE REQUESTS THE ARC-LENGTH METHOD.

USER ACTION : REMOVE THE NLPCI BULK DATA ENTRY.

6472.0 *** USER INFORMATION MESSAGE 6472
NASTRAN SYSTEM(173)>0 IS SPECIFIED. A VALUE OF 1 BLOCKS BOTH THE OFFSET AND SKEW
FIXES (GIVING PRE VERSION 68 STIFFNESS) AND A VALUE 2 BLOCKS THE SKEW FIX
(GIVING VERSION 68-70.5 STIFFNESS).

6472.1 *** USER INFORMATION MESSAGE 6472. (EQD4D)
NASTRAN SYSTEM(170)=1 IS SPECIFIED. THEREFORE, THE DIFFERENTIAL STIFFNESS
FOR QUAD4 AND TRIA3 ELEMENTS IS COMPUTED USING THE PRE-VERSION 68 METHOD.

6473.0 *** USER FATAL MESSAGE 6473 (DOM9P2)
THERE IS INSUFFICIENT DATA TO PERFORM OPTIMIZATION.
USER INFORMATION: THE PROBABLE CAUSE IS NO DESOBJ COMMAND IS SPECIFIED IN CASE CONTROL.

6474.0 *** USER FATAL MESSAGE 6474 (IFS6P)
THE DOPTPRM ENTRY HAS ALREADY SPECIFIED PARAMETER NAME = %1.
USER INFORMATION : YOU MAY SPECIFY A PARAMETER ONLY ONCE.

6474.1 *** USER FATAL MESSAGE 6474 (IFS6P)
THE DOPTPRM ENTRY SPECIFIES AN INVALID PARAMETER NAME = %1.
USER INFORMATION : CHECK FOR THE PROPER SPELLING OF THE PARAMETER NAME.

6474.2 *** USER FATAL MESSAGE 6474 (IFS10P)
THE BCPARA ENTRY HAS ALREADY SPECIFIED PARAMETER NAME = %1.
USER INFORMATION : YOU MAY SPECIFY A PARAMETER ONLY ONCE.

6474.3 *** USER FATAL MESSAGE 6474 (IFS10P)
THE BCPARA ENTRY SPECIFIES AN INVALID PARAMETER NAME = %1.
USER INFORMATION : CHECK FOR THE PROPER SPELLING OF THE PARAMETER NAME.

6475.0 *** USER WARNING MESSAGE 6475 (OUTPT4)
DATABLOCK %1 IS A SPARSE FACTOR MATRIX AND WILL NOT BE WRITTEN TO THE OUTPUT4 FILE.
USER INFORMATION: THE SPARSE FACTOR MATRIX FORMAT IS NOT SUPPORTED BY THE OUTPUT4 MODULE.

6475.1 *** USER WARNING MESSAGE 6475 (OUTPN2)
DATABLOCK %1 IS A SPARSE FACTOR MATRIX AND WILL NOT BE

WRITTEN TO THE OUTPUT2 FILE IN NEUTRAL FORMAT.
USER INFORMATION: THE SPARSE FACTOR MATRIX FORMAT IS NOT SUPPORTED BY THE OUTPUT2 MODULE IN NEUTRAL FORMAT.

6475.2 *** USER WARNING MESSAGE 6475 (MATPRT)
DATABLOCK %1 IS A SPARSE FACTOR MATRIX AND WILL NOT BE OUTPUT BY THE MATPRT MODULE.
USER INFORMATION: THE SPARSE FACTOR MATRIX FORMAT IS NOW SUPPORTED BY THE MATPRN MODULE.

6475.3 *** USER WARNING MESSAGE 6475 (OUTPT4C)
DATABLOCK %1 IS A COMPLEX MATRIX AND WILL NOT BE WRITTEN TO THE OUTPUT2 FILE IN AMLS FORMAT
USER INFORMATION: COMPLEX MATRICIES WILL NOT BE OUTPUT TO THE AMLS FORMAT OUTPUT FILE

6475.4 *** USER WARNING MESSAGE 6475 (OUTPT4C)
DATABLOCK %1 IS A COMPLEX MATRIX AND WILL NOT BE WRITTEN TO THE OUTPUT2 FILE IN AMLS FORMAT
USER INFORMATION: COMPLEX MATRICIES WILL NOT BE OUTPUT TO THE AMLS FORMAT OUTPUT FILE

6476.0 *** USER FATAL MESSAGE 6476 (DOPR4)
DESVAR ENTRY ID = %1
IS REFERENCED BY SHAPE VARIABLES (DVGRID/DVSHAP/DVBSHAP) AND PROPERTY VARIABLES (DVPREL1/DVPREL2)
USER INFORMATION: THE CAPABILITY FOR A DESIGN VARIABLE TO MODIFY BOTH SHAPE AND PROPERTY VARIABLES
IS NOT SUPPORTED.

6477.0 *** USER FATAL MESSAGE 6477 (GIGGKG)
FOR SPLINE ENTRY %1 THE FIRST CHORDWISE INTERPOLATED AERODYNAMIC BOX IS AFT OF THE LAST BOX.
USER INFORMATION: THE INTERPOLATED SET OF AERODYNAMIC BOXES MUST FORM A TRAPEZOID.
THE VALUES IN FIELDS 4 AND 5 ON THE SPLINE ENTRY DO NOT SPECIFY A SET OF BOXES.

6478.0 *** USER FATAL MESSAGE 6478. (AXMPR1)
A CASE CONTROL WITH ENTRY AUXMODEL = %1 REFERENCES AN UNDEFINED BULK DATA SECTION WITH KEYWORD AUXMODEL=%2

6479.0 *** SYSTEM FATAL MESSAGE 6479 (D9ALTOP/D9SIEPX)
ARTIFICIAL VARIABLE ACCOUNTING AT FAULT.
USER ACTION: CONTACT CUSTOMER SUPPORT.

6480.0 *** USER INFORMATION MESSAGE 6480 (REIGLA)
EXTERNAL IDENTIFICATION TABLE FOR DECOMPOSITION MESSAGES FOR MATRIX %1

ROW NUMBER = GRID ID + COMPONENT
%2%3%4
User information:
This message is output from the REIGL module when using sparse decomposition
to convert the internal (row number oriented) diagnostic messages to external (grid and component) form.

6480.1 EXTERNAL IDENTIFICATION TABLE FOR DECOMPOSITION MESSAGES FOR MATRIX %1
ROW NUMBER = GRID ID + COMPONENT
User information:
This message is output from the REIGL module when using sparse decomposition
to convert the internal (row number oriented) diagnostic messages to external (grid and component) form.

6481.0 *** SYSTEM INFORMATION MESSAGE 6481 (SOLVIT)
DATA BLOCK %1 IS AN UNSYMMETRIC MATRIX.
USER INFORMATION: BLOCK INCOMPLETE CHOLESKY PRECONDITIONING IS
AVAILABLE FOR SYMMETRIC MATRICES ONLY, SWITCHED TO JACOBI PRECONDITIONING.

6481.1 *** USER INFORMATION MESSAGE 6481 (SITDRV)
DATA BLOCK %1 IS AN UNSYMMETRIC MATRIX.
USER INFORMATION: USER GIVEN PRECONDITIONING IS AVAILABLE FOR SYMMETRIC MATRICES ONLY,
SWITCHED TO JACOBI PRECONDITIONING.

6481.2 *** USER INFORMATION MESSAGE 6481 (SITDRV)
DATA BLOCK %1 IS AN UNSYMMETRIC MATRIX.
USER INFORMATION: REDUCED INCOMPLETE CHOLESKY PRECONDITIONING IS AVAILABLE FOR SYMMETRIC MATRICES ONLY,
SWITCHED TO JACOBI PRECONDITIONING.

6481.3 *** USER INFORMATION MESSAGE 6481 (SITDRV)
DATA BLOCK %1 IS A COMPLEX MATRIX.
USER INFORMATION: REDUCED INCOMPLETE CHOLESKY PRECONDITIONING IS AVAILABLE FOR REAL ARITHMETIC ONLY,
SWITCHED TO JACOBI PRECONDITIONING.

6481.4 *** SYSTEM FATAL MESSAGE 6481 (SITDRD)
DATA BLOCK %1 IS AN UNSYMMETRIC MATRIX.
USER INFORMATION: INSIDE THE MODULE, THE ITERATIVE SOLVER IS AVAILABLE FOR SYMMETRIC MATRICES ONLY.

6481.5 %1 IS UNSYMMETRIC
USER INFORMATION: ORTHOGONALIZATION IS AVAILABLE FOR SYMMETRIC M MATRICES ONLY

6481.6 *** USER INFORMATION MESSAGE 6481 (FRRD2)
DATA BLOCK %1 IS AN UNSYMMETRIC MATRIX.
USER INFORMATION: BLOCK INCOMPLETE CHOLESKY PRECONDITIONING IS AVAILABLE FOR SYMMETRIC MATRICES ONLY,
SWITCHED TO CHOLESKY PRECONDITIONING.

6481.7 *** USER INFORMATION MESSAGE 6481 (FRRD1D)
DATA BLOCK %1 IS AN UNSYMMETRIC MATRIX.
USER INFORMATION: BLOCK INCOMPLETE CHOLESKY PRECONDITIONING IS
AVAILABLE FOR SYMMETRIC MATRICES ONLY, SWITCHED TO CHOLESKY PRECONDITIONING.

6481.8 *** USER INFORMATION MESSAGE 6481 (FREQ)
DATA BLOCK %1 IS AN UNSYMMETRIC MATRIX.
USER INFORMATION: USER GIVEN PRECONDITIONING IS AVAILABLE FOR SYMMETRIC MATRICES ONLY,
SWITCHED TO CHOLESKY PRECONDITIONING.

6481.9 *** USER INFORMATION MESSAGE 6481 (FREQ)
DATA BLOCK %1 IS AN UNSYMMETRIC MATRIX.
USER INFORMATION: BLOCK INCOMPLETE CHOLESKY PRECONDITIONING IS AVAILABLE FOR SYMMETRIC MATRICES ONLY,
SWITCHED TO CHOLESKY PRECONDITIONING.

6481.10 *** SYSTEM FATAL MESSAGE 6481 (SITDRV)
DISTRIBUTED ITERATIVE SOLUTION IS AVAILABLE FOR SYMMETRIC MATRICES ONLY.
USER ACTION: SWITCH TO SERIAL EXECUTION.

6481.11 *** SYSTEM INFORMATION MESSAGE 6481 (SITDRV)
DISTRIBUTED ITERATIVE SOLUTION IS AVAILABLE FOR JACOBI PRECONDITIONING ONLY.
SWITCHED TO JACOBI PRECONDITIONING.

6482.0 *** USER FATAL MESSAGE 6482 (DOPR3R)
FOR SUBCASE %1, THE ANALYSIS TYPE IS %2 BUT THE %3 COMMAND REFERENCES AN INCOMPATIBLE
DRESP1 ENTRY WITH RID = %4 AND RTYPE = %5.

6482.1 *** USER FATAL MESSAGE 6482 (DOPR3R)
THE DESGLB COMMAND REFERENCES AN INCOMPATIBLE
DRESP1 ENTRY WITH RID = %1 AND RTYPE = %2.
USER INFORMATION: THE DESGLB COMMAND CAN ONLY REFERENCE TO GLOBAL QUANTITIES WHICH ARE NOT ASSOCIATED
WITH A SUBCASE, SUCH AS WEIGHT OR VOLUME.
USER ACTION: REPLACE DESGLB WITH DESSUB.

6483.0 *** USER FATAL MESSAGE 6483 (EQDGED)

ELEMENT ID = %1 HAS CONNECTING GRIDS THAT MAY NOT FORM A PLANE PARALLEL TO
THE X-Y PLANE OF THE CID COORDINATE SYSTEM ON THE PLPLANE ENTRY.

6483.1 *** USER FATAL MESSAGE 6483 (CQUADX, CTRIAX)
ELEMENT ID = %1 HAS CONNECTING GRIDS THAT MAY NOT FORM A PLANE PARALLEL TO
THE X-Z PLANE.

6483.2 *** USER FATAL MESSAGE 6483 (CPLSTNi, CPLSTSi)
ELEMENT ID = %1 HAS CONNECTING GRIDS THAT MAY NOT FORM A PLANE PARALLEL TO
THE X-Z PLANE.

6483.3 *** USER FATAL MESSAGE 6483 (CQUADX, CTRIAX)
ELEMENT ID = %1 HAS CONNECTING GRIDS THAT MAY NOT FORM A PLANE PARALLEL TO
THE X-Y PLANE.

6483.4 *** USER FATAL MESSAGE 6483 (CPLSTNi, CPLSTSi)
ELEMENT ID = %1 HAS CONNECTING GRIDS THAT MAY NOT FORM A PLANE PARALLEL TO
THE X-Y PLANE.

6483.5 *** USER FATAL MESSAGE 6483 (TA1PLN)
ELEMENT TYPE = %1 WHICH IS IN XZ-PLANE AND ELEMENT TYPE = %2 WHICH IS IN XY-PLANE ARE MIXED.

6483.6 *** USER FATAL MESSAGE 6483 (TA1PLN)
ELEMENT ID = %1 IS NOT DEFINED CORRECTLY. IT IS NEITHER IN XZ-PLANE NOR IN XY-PLANE.

6485.0 ***SYSTEM FATAL MESSAGE 6485 (DFBS)
SPARSE DECOMPOSITION CANNOT BE USED IN CONJUNCTION WITH LEFT HANDED FBS.
USER ACTION: DO NOT USE THE SPARSE DECOMPOSITION IN THIS PROBLEM OR MODIFY THE DMAP TO
REPLACE THE LEFT HANDED FBS BY A TRANSPOSE OPERATION FOLLOWED BY A REGULAR FBS.

6486.0 *** SYSTEM FATAL MESSAGE 6486 (CSEDGD)
MAXIMUM NDOF IS NOT EQUAL TO 3 OR 6 FOR EDGE ID=%1
PROGRAMMER INFORMATION: ELEMENT TYPE=%2 AND ELEMENT ID=%3
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6487.0 *** SYSTEM FATAL MESSAGE 6487 (CSFCTD)
EDGE DOES NOT EXIST FOR GRID1 = %1 AND GRID2 = %2 IN MEDGE TABLE.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER

SUPPORT.

6490.0 *** USER FATAL MESSAGE 6490 (WRGMTD)
FATAL ERRORS HAVE OCCURRED WHILE PROCESSING MPC AND RIGID ELEMENT ENTRIES.
PROGRAMMER INFORMATION: SIL NUMBER %1 DOES NOT EXIST IN THE DEPENDENT SIL TABLE.

6491.0 *** USER FATAL MESSAGE 6491, (CIDTRD)
THE INPUT COORDINATE SYSTEM=%1 SPECIFIED ON THE GM%2=%3 BULK DATA ENTRY IS NOT A RECTANGULAR SYSTEM.
USER INFORMATION: FOR THIS GROUP, THE COORDINATE SYSTEM MUST BE RECTANGULAR.

6492.0 *** USER FATAL MESSAGE 6492 (GP1CCV)
COORDINATE SYSTEM ID=%1 IS DEFINED MORE THAN ONCE.
USER INFORMATION: ALL GMCORD, CORD3G AND CORDIJ ENTRIES MUST HAVE UNIQUE IDENTIFICATION NUMBERS.

6493.0 *** USER FATAL MESSAGE 6493 (GP1CVG)
THE FEFACE %1 SPECIFIED ON THE GMCORD %2 BULK DATA ENTRY IS NOT DEFINED.

6493.1 *** USER FATAL MESSAGE 6493 (GP1CVG)
THE FEEDGE %1 SPECIFIED ON THE GMCORD %2 BULK DATA ENTRY IS NOT DEFINED.

6493.2 *** USER FATAL MESSAGE 6493 (CONVGM)
THE GMSURF %1 SPECIFIED ON THE GMCORD %2 BULK DATA ENTRY IS NOT DEFINED.

6493.3 *** USER FATAL MESSAGE 6493 (CONVGM)
THE GMCURV %1 SPECIFIED ON THE GMCORD %2 BULK DATA ENTRY IS NOT DEFINED.

6494.0 *** USER FATAL MESSAGE 6494 (DBINIT)
GEOMEVAL OR BEAMEVAL OR DRESP3 IS NOT SPECIFIED ON THE CONNECT FMS STATEMENT.

6495.0 *** SYSTEM FATAL MESSAGE 6495 (DBINIT)
UNABLE TO CONNECT TO GEOMETRY EVALUATOR SPECIFIED ON THE CONNECT FMS STATEMENT.

6496.0 *** SYSTEM WARNING MESSAGE 6496, (ERGAPI)
THE LIST OF DIAGNOSTIC MESSAGES PRINTED ABOVE IS NOT COMPLETE.
USER ACTION: CHECK THE ENTIRE MODEL FOR SIMILAR ERRORS.

6497.0 *** USER FATAL MESSAGE 6497 (TRNJFD)
THE POINT AT: X=%1 Y=%2 Z=%3, IN THE BASIC COORDINATE SYSTEM
COULD NOT BE LOCATED ON FEFACE ID=%4.

6497.1 *** USER FATAL MESSAGE 6497 (TRNJED)

THE POINT AT: X=%1 Y=%2 Z=%3, IN THE BASIC COORDINATE SYSTEM
COULD NOT BE LOCATED ON FEEDGE ID=%4.

6499.0 *** USER FATAL MESSAGE 6499 (DOM9)
THE OPTIMIZATION ALGORITHM HAS ENCOUNTERED AN ERROR THAT MAKES FURTHER PROGRESS IMPOSSIBLE. SEE MESSAGES ABOVE.

6499.1 *** USER FATAL MESSAGE 6499 (DISOP)
THE OPTIMIZATION ALGORITHM HAS ENCOUNTERED AN ERROR THAT MAKES FURTHER PROGRESS IMPOSSIBLE. SEE MESSAGES ABOVE.

6500.0 *** USER FATAL MESSAGE 6500 (%1)
MULTIPLE SUBCASES WITH DIFFERENT METHOD COMMANDS AND/OR SPC/MPC/SUPORT COMMANDS HAVE BEEN SPECIFIED WITH P-ELEMENTS IN NORMAL MODES ANALYSIS.
USER INFORMATION: ONLY ONE BOUNDARY CONDITION AND ONE METHOD COMMAND PER RUN IS ALLOWED.

6501.0 *** USER WARNING MESSAGE 6501
THE ADAPT=%1 COMMAND IN SUBCASE %2 IS DIFFERENT FROM THAT OF THE FIRST SUBCASE.
USER INFORMATION: ONLY ONE ADAPT COMMAND SHOULD BE SPECIFIED.
ADAPT=%3 OF THE FIRST SUBCASE WILL BE USED.

6502.0 *** USER INFORMATION MESSAGE 6502 (ADAPT)
THE CURRENT SUPERELEMENT (ID =%1) REQUIRES NO FURTHER P-ADAPTIVE ANALYSIS BECAUSE
%2.

6502.1 *** USER INFORMATION MESSAGE 6502 (ADAPT)
P-ADAPTIVE ANALYSIS TERMINATED BECAUSE %1.

6502.2 *** USER INFORMATION MESSAGE 6502 (ADAPT)
THE CURRENT SUPERELEMENT (ID =%1) REQUIRES NO FURTHER P-ADAPTIVE ANALYSIS BECAUSE
%2.
USER INFORMATION: MAXIMUM ITERATION IS %3 WHICH IS SPECIFIED ON ADAPT BULK DATA ENTRY ID = %4

6503.0 *** USER INFORMATION MESSAGE 6503 (%1)
AN ADAPT BULK DATA ENTRY IS NOT SPECIFIED. P-ADAPTIVE ANALYSIS WILL NOT BE PERFORMED.

6504.0 *** USER INFORMATION MESSAGE 6504 (%1)
THE ADAPT = %1 CASE CONTROL COMMAND REFERENCES AN UNDEFINED ADAPT BULK DATA ENTRY.
P-ADAPTIVE ANALYSIS WILL NOT BE PERFORMED.

6505.0 *** USER WARNING MESSAGE 6505 (%1)

PART %1 ON ADAPT BULK DATA ENTRY ID = %2 SPECIFIES ERRTOL=%3 WHICH IS NOT SUPPORTED.
USER INFORMATION: ERRTOL=0.1 WILL BE USED.

6505.1 *** USER WARNING MESSAGE 6505 (AAAAAAAA)
PART %1 ON ADAPT BULK DATA ENTRY ID = %2 SPECIFIES ERREST=%3 WHICH IS NOT SUPPORTED.
USER INFORMATION: ERREST=1 WILL BE USED.

6506.0 *** USER WARNING MESSAGE 6506 (%1)
PART %1 ON ADAPT BULK DATA ENTRY ID = %2 SPECIFIES ERREST=0 AND TYPE=%3
USER INFORMATION: NO ERROR ESTIMATE IS PERFORMED AND P-VALUES ARE NOT CHANGED FOR THIS PART.

6507.0 *** USER WARNING MESSAGE 6507 (ADPMRG)
THE MAXIMUM P VALUE=%1 SPECIFIED FOR DIRECTION #%2 AND ELEMENT ID=%3 IS LESS THAN THE
STARTING P VALUE=%4. THE MAXIMUM VALUE WILL BE USED FOR THE STARTING VALUE.
USER INFORMATION: THE MAXIMUM P VALUE IS SPECIFIED ON PVAL BULK DATA ENTRY ID=%5
THE STARTING P VALUE IS SPECIFIED ON PVAL BULK DATA ENTRY ID=%6

6507.1 *** USER WARNING MESSAGE 6507 (ADPMRG)
THE MINIMUM P VALUE=%1 SPECIFIED FOR DIRECTION #%2 AND ELEMENT ID=%3 IS GREATER THAN THE
STARTING P VALUE=%4. THE MINIMUM VALUE WILL BE USED FOR THE STARTING VALUE.
USER INFORMATION: THE MINIMUM P VALUE IS SPECIFIED ON PVAL BULK DATA ENTRY ID=%5
THE STARTING P VALUE IS SPECIFIED ON PVAL BULK DATA ENTRY ID=%6

6508.0 *** USER WARNING MESSAGE 6508 (ADPVAL)
TWO PVAL BULK DATA ENTRIES WITH ID=%1 REFERENCE THE ELEMENT ID=%2 BUT SPECIFY A DIFFERENT COORDINATE SYSTEM. (CID=%3 AND %4).

6509.0 *** USER FATAL MESSAGE 6509 (ADPVAL)
THE SETTYP FIELD (%1) ON PVAL ENTRY ID = %2 IS NOT VALID.
USER INFORMATION: ONLY %3 AND %4 ARE ALLOWED.

6510.0 *** USER INFORMATION MESSAGE 6510 (ADPVAL)
NO VALID ELEMENTS CAN BE FOUND IN SET %1 WHICH IS REFERENCED BY A PVAL BULK DATA ENTRY ID=%2.

6511.0 *** USER FATAL MESSAGE 6511 (%1)
ADAPT BULK DATA ENTRY ID = %1 REFERENCED BY AN ADAPT CASE CONTROL DOES NOT EXIST.
USER ACTION: CHECK ADAPT CASE CONTROL AND ADAPT OR

PSET BULK DATA ENTRIES.

6512.0 *** SYSTEM FATAL MESSAGE 6512 (GETREC)
RECORD %1 CAN NOT BE FOUND IN THE %2 DATA BLOCK (GINO ID=%3).
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6513.0 *** USER FATAL MESSAGE 6513 (GETSDF)
%1 BULK DATA ENTRY ID=%2 REFERENCES SET %3 WHICH IS NOT SPECIFIED, OR THE SET CONTAINS IDENTIFICATION NUMBERS WHICH ARE NOT VALID.
USER INFORMATION: THE SET STATEMENT(S) MUST BE PROCEEDED BY A "SETS DEFINITION" OR "OUTPUT(POST)" STATEMENT.

6514.0 *** USER WARNING MESSAGE 6514 (SDRPOP)
THE DATAREC=%1 CASE CONTROL COMMAND REFERENCES UNDEFINED OUTPUT BULK DATA ENTRY.
USER INFORMATION: THE DATAREC COMMAND WILL BE IGNORED.

6517.0 *** SYSTEM FATAL MESSAGE 6517
THE %1-P ELEMENT ID ON VIEWTB RECORD IS %2 IS DIFFERENT FROM THAT OF THE EST RECORD
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6517.2 *** SYSTEM FATAL MESSAGE 6517 (AAAAAAAA)
THE %1 ELEMENT ID ON VIEWTB RECORD IS %2 IS DIFFERENT FROM THAT OF THE EST RECORD (%3)
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6517.3 *** SYSTEM FATAL MESSAGE 6517 (SBEMPD)
THE %1-P ELEMENT ID ON VIEWTB RECORD IS %2 IS DIFFERENT FROM THAT OF THE EST RECORD
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6518.0 *** SYSTEM FATAL MESSAGE 6518 (%1)
FOR %1 ELEMENT ID OF %2, THE NUMBER OF DEGREES-OF-FREEDOM = %3 IS GREATER THAN THE LENGTH
OF THE DISPLACEMENT VECTOR = %4.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6519.0 *** SYSTEM FATAL MESSAGE 6519 (VIEWP)
LENGTH OF %1 RECORD IN %2 DATA BLOCK IS INCORRECT.
PROGRAMMER INFORMATION: LENGTH%3 = %4 WHICH IS NOT MULTIPLES OF %5
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER

SUPPORT.

6520.0 *** USER WARNING MESSAGE 6520 (VIEWP)
THE NEXT VU%1 IDENTIFICATION NUMBER=%2 IS LESS THAN OR EQUAL TO GNMAX=SYSTEM(179)=%3.
USER INFORMATION: THE VALUE OF %4 WILL BE USED FOR THE STARTING ID NUMBER.

6520.1 *** USER WARNING MESSAGE 6520
THE NEXT VU%1 IDENTIFICATION NUMBER=%2 IS GREATER THAN ITS MAXIMUM NUMBER=%3.
USER INFORMATION: THE MAXIMUM NUMBER IS IGNORED.
USER ACTION: ADJUST THE STARTING AND MAXIMUM NUMBERS WITH THE NASTRAN STATEMENT SYSTEM CELLS %4 AND %5.

6520.2 *** USER WARNING MESSAGE 6520 (DVIEWP)
THE NEXT VU%1 IDENTIFICATION NUMBER=%2 IS LESS THAN OR EQUAL TO GNMAX=SYSTEM(179)=%3.
USER INFORMATION: THE VALUE OF %4 WILL BE USED FOR THE STARTING ID NUMBER.

6521.0 *** USER WARNING MESSAGE 6521 (VIEWP)
PARAMETER NUMBER %1 (%2=%3) OF VIEWP MODULE IS TOO SMALL WHEN PROCESSING %4 ELEMENT %5.
USER INFORMATION: A JUMP VALUE OF %6 IS USED TO AVOID DUPLICATE VIEW %7 ID'S.

6521.1 *** USER WARNING MESSAGE 6521 (DVIEWP)
PARAMETER NUMBER %1 (%2=%3) OF DVIEWP MODULE IS TOO SMALL WHEN PROCESSING %4 ELEMENT %5.
USER INFORMATION: A JUMP VALUE OF %6 IS USED TO AVOID DUPLICATE VIEW %7 ID'S.

6522.0 *** USER FATAL MESSAGE 6522 (VIEWP)
THE NEXT VU%1 IDENTIFICATION NUMBER=%2 IS TOO SMALL.
USER ACTION: SPECIFY A DIFFERENT STARTING VALUE WITH THE NASTRAN SYSTEM(%3) STATEMENT.
USER INFORMATION: ITS VALUE SHOULD BE GREATER THAN %4

6523.0 *** USER FATAL MESSAGE 6523 (%1)
THE OUTRCV=%1 CASE CONTROL REFERENCES AN UNDEFINED OUTRCV BULK DATA ENTRY.

6524.0 *** USER WARNING MESSAGE 6524 (%1)
ELEMENT ID=%1 IS REFERENCED BY MORE THAN ONE OUTRCV BULK DATA ENTRY WITH ID=%2
THE OUTRCV ENTRY WHICH REFERENCES SET %3 WILL BE USED FOR THE ELEMENT.

6525.0 *** USER WARNING MESSAGE 6525 (%1)
OUTRCV BULK DATA ENTRY ID=%1 SPECIFIES A METHOD (%2) WHICH IS NOT SUPPORTED.

USER INFORMATION: METHOD=DIRECT WILL BE USED.

6526.0 *** USER FATAL MESSAGE 6526 (ADPVAL)
THE ADAPT=%1 CASE CONTROL COMMAND REFERENCES
UNDEFINED PVAL ENTRY ID=%2.

6526.1 *** USER FATAL MESSAGE 6526 (ADPVAL)
THE ADAPT=%1 CASE CONTROL COMMAND REFERENCES AN
UNDEFINED PSET BULK DATA ENTRY.

6526.2 *** USER FATAL MESSAGE 6526 (AAAAAAAA)
THE ADAPT=%1 CASE CONTROL COMMAND REFERENCES
UNDEFINED PVAL ENTRY ID=%2.

6527.0 *** SYSTEM WARNING MESSAGE 6527. (DRMH3)
TABLE %1 INDICATES THAT MATRIX%2 SHOULD HAVE %3 ROWS
THE MATRIX TRAILER INDICATES %4 ROWS;
THE MATRIX AND TABLE ARE INCOMPATIBLE - DATA BLOCKS
SKIPPED

6528.0 *** SYSTEM WARNING MESSAGE 6528. (DRMH3)
MATRIX %1 SHOULD BE REAL FOR SOLUTION TYPE %2

6528.1 *** SYSTEM WARNING MESSAGE 6528. (DRMH3)
MATRIX %1 SHOULD BE COMPLEX FOR SOLUTION TYPE %2

6529.0 *** USER INFORMATION MESSAGE 6529. (DRMH3A)
COLUMN LABEL DATA BLOCK (109) IS WRONG TYPE,
A COMPLEX LAMA TABLE SHOULD HAVE BEEN SUPPLIED FOR
SLTYPE %1; DRMH3 ABORTING.

6529.1 *** SYSTEM WARNING MESSAGE 6529. (DRMH3A)
COLUMN LABEL DATA BLOCK (109) IS WRONG TYPE.
A LAMA TABLE SHOULD HAVE BEEN SUPPLIED FOR SLTYPE %1

6530.0 *** USER WARNING MESSAGE 6530. (DRMH3E)
DRMH3 DATA BLOCK %1 IS AN UNKNOWN TYPE (%2) DATA
BLOCK IS SKIPPED.

6530.4 *** SYSTEM INFORMATION MESSAGE 6530. (DRMH3A)
%1 IS AN UNKNOWN SOLUTION TYPE (PARAMETER 1) DEFAULT
TYPE (STATICS) SUBSTITUTED

6531.0 *** SYSTEM INFORMATION MESSAGE 6531. (DRMH3C)
MATRIX %1 HAS MORE MODES (%2) THAN CASE CONTROL
RECORDS (%3)
THE LAST CASE CONTROL RECORD WILL BE USED FOR
REMAINING MODES

6531.1 *** USER INFORMATION MESSAGE 6531. (DRMH3B)
MATRIX %1 HAS MORE COLUMNS (%2) THAN CASE CONTROL
RECORDS (%3)
THE LAST CASE CONTROL RECORD WILL BE USED FOR
REMAINING COLUMNS.

6532.0 *** SYSTEM WARNING MESSAGE 6532. (DRMH3E)
THE CASE CONTROL RECORD DOES NOT FIT IN OPEN CORE.
PROBABLY WRONG CASECC TRAILER INFO DRMH3 PROCESSING
TERMINATED.

6533.0 *** USER WARNING MESSAGE 6533. (DRMH3E)
COMPLEX FORMAT REQUEST MADE FOR REAL DATA - THE
FORMAT REQUEST IS IGNORED

6533.1 *** USER WARNING MESSAGE 6533. (DRMH3D)
REAL FORMAT REQUEST MADE FOR COMPLEX DATA - THE
FORMAT REQUEST IS IGNORED

6533.2 *** USER WARNING MESSAGE 6533.
REAL/IMAG OR MAG/PHASE FORMAT REQUEST MADE FOR REAL
DATA - THE FORMAT REQUEST IS IGNORED

6534.0 *** USER INFORMATION MESSAGE 6534. (DRMH3C)
MATRIX %1 HAS MORE MODES (%2) THAN LAMA TABLE (%3)
FREQ = 0.0 WILL BE USED FOR REMAINING MODES

6536.0 *** SYSTEM WARNING MESSAGE 6536. (DRMH3E)
MATRIX %1 COLUMNS (%2) DOES NOT MATCH PRODUCT OF CASE
CONTROL RECORDS (%3)
AND TERMS IN TIME POINT LIST (%4). DATA BLOCK IGNORED

6536.1 *** USER WARNING MESSAGE 6536. (DRMH3E)
NUMBER OF COLUMNS FOR MATRIX %1= (%2) AND IS NOT AN
EVEN MULTIPLE OF 3. DATA BLOCK IGNORED

6536.2 *** SYSTEM WARNING MESSAGE 6536. (DRMH3D)
MATRIX %1 COLUMNS (%2) DOES NOT MATCH PRODUCT
OF CASE CONTROL RECORDS (%3) AND TERMS IN FREQUENCY
LIST (%4)

6536.3 *** SYSTEM WARNING MESSAGE 6536. (DRMH3D)
NUMBER OF MATRIX COLUMNS FOR MATRIX %1(%2)
IS NOT AN EVEN MULTIPLE OF THE NUMBER OF SUBCASES (%3),
DATA BLOCK IS NOT PROCESSED

6536.4 *** SYSTEM WARNING MESSAGE 6536. (DRMH3D)
NUMBER OF MATRIX COLUMNS FOR MATRIX %1(%2)
IS NOT AN EVEN MULTIPLE OF THE FREQUENCY LIST (%3)

6537.0 *** USER INFORMATION MESSAGE 6537 (%1)
ERRSEC=%1 (SYSTEM CELL 200) IS NOT WITHIN THE RANGE OF %2
THROUGH %3. THE DEFAULT VALUE OF %4 WILL BE USED.
USER INFORMATION MESSAGE: ERRSEC IS USED AS NUMBER OF
DIVIDING SECTION FOR INCREASING P-VALUES.

6538.0 *** USER WARNING MESSAGE 6538 (SDRPOI)
%1=%2 IN SUBCASE ID=%3 IS NOT ALLOWED IN P-ELEMENT
OUTPUT REQUESTS. THE ALL OPTION IS ASSUMED.
USER INFORMATION: THE DATAREC CASE CONTROL COMMAND

AND OUTPUT BULK DATA ENTRY CAN BE USED TO SPECIFY SETS OF ELEMENTS
FOR SPECIFIC PRINT/PUNCH/PLOT REQUESTS.

6539.0 *** USER WARNING MESSAGE 6539 (IFS6P)
THE VALUES SPECIFIED ON MAT10 ENTRY ID= %1 DO NOT OBEY THE EQUATION: BULK = RHO*(C**2).
USER INFORMATION: ONLY TWO OF THE THREE VALUES HAVE TO BE SPECIFIED AND THE UNSPECIFIED VALUE WILL THEN COMPUTED
FROM THE EQUATION ABOVE.

6539.1 *** USER FATAL MESSAGE 6539 (IFS6P)
INCOMPLETE DATA FOR MAT10 ENTRY ID= %1. ATLEAST TWO ENTRIES OUT OF BULK MODULUS, MASS DENSITY AND SPEED OF SOUND
MUST BE SPECIFIED.

6539.2 *** USER FATAL MESSAGE 6539 (IFS6P)
REAL VALUED INPUT IS REQUIRED FOR BULK MODULUS FIELD OF THE MAT10 CARD %1.

6539.3 *** USER FATAL MESSAGE 6539 (IFS6P)
REAL VALUED INPUT IS REQUIRED FOR MASS DENSITY FIELD OF THE MAT10 CARD %1.

6539.4 *** USER FATAL MESSAGE 6539 (IFS6P)
REAL VALUED INPUT IS REQUIRED FOR SPEED OF SOUND FIELD OF THE MAT10 CARD %1.

6540.0 *** SYSTEM WARNING MESSAGE 6540(REIGLC)
THE GRID POINT IDENTIFICATION NUMBER AND THE COMPONENT NUMBER CANNOT BE DETERMINED FOR THE DECOMPOSITION MESSAGES ABOVE.
USER ACTION: SPECIFY THE EQEXINS, SILS AND USET TABLE AS INPUT TO THE REIGL MODULE.

6541.0 *** SYSTEM FATAL MESSAGE 6541 (%1)
VUELEM ID =%1 EXCEEDS THE MAXIMUM ALLOWED INTEGER ID =%2 IN SYSTEM CELL (183).
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6541.1 *** SYSTEM FATAL MESSAGE 6541 (AAAAAAAA)
VUGRID ID =%1 EXCEEDS THE MAXIMUM ALLOWED INTEGER ID =%2 IN SYSTEM CELL (181).
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6541.2 *** USER FATAL MESSAGE 6541 (VIEWP)
VUELEM ID =%1 EXCEEDS THE MAXIMUM ALLOWED INTEGER ID =%2 IN THE SYSTEM CELL (183).

USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6541.3 *** USER FATAL MESSAGE 6541 (VIEWP)
VUGRID ID =%1 EXCEEDS THE MAXIMUM ALLOWED INTEGER ID =%2 IN THE SYSTEM CELL (181).
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6541.4 *** SYSTEM FATAL MESSAGE 6541,
ADAPTIVE GRID ID =%1 EXCEEDS THE MAXIMUM ALLOWED INTEGER ID =%2 IN SYSTEM CELL (179).
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6541.7 *** USER FATAL MESSAGE 6541 (DVIEWP)
VUELEM ID =%1 EXCEEDS THE MAXIMUM ALLOWED INTEGER ID =%2 IN THE SYSTEM CELL (183).
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6541.8 *** USER FATAL MESSAGE 6541 (DVIEWP)
VUELEM ID =%1 EXCEEDS THE MAXIMUM ALLOWED INTEGER ID =%2 IN THE SYSTEM CELL (181).
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6541.9 *** USER FATAL MESSAGE 6541 (APD0)
USER INFORMATION: AERO GRID ID %1 EXCEEDS THE MAXIMUM ALLOWED INTEGER ID %2 IN SYSTEM CELL (%3).
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6543.0 *** USER FATAL MESSAGE 6543, (GP0I),
THERE ARE NO VALID P-ELEMENTS IN THE UNION OF ALL SET ENTRIES REFERENCED BY ADAPT ID =%1.

6544.0 *** USER FATAL MESSAGE 6544, (GP0I),
THE EDGE WITH GRIDS ID =%1,%2 ON P-ELEMENT ID =%3 IS SHARED BY
AN H-ELEMENT WITH MID SIDE GRID.
USER ACTION: REMOVE MID SIDE GRID FROM H-ELEMENT AND VERIFY GEOMETRY.

6545.0 *** USER FATAL MESSAGE 6545 (DOPR3)
A DESGLB = %1 COMMAND APPEARS AT THE SUBCASE LEVEL.
USER ACTION: EITHER REPLACE THE DESGLB COMMAND WITH A DESSUB COMMAND OR PLACE THE DESGLB REQUEST ABOVE THE FIRST SUBCASE.

6545.1 *** USER FATAL MESSAGE 6545.1 (DOCR23)
DRSPAN RELATED DRESP2/3 RESPONSE %1 IS NOT REFERENCED

VIA DESGLB OR DESOBJ CASE CONTROL
USER ACTION: REFERENCE DRSPAN RELATED DRESP2/3 BY WAY OF DESGLB OR DESOBJ CASE CONTROL

6546.0 *** USER FATAL MESSAGE 6546 (EQUDFD)
THE CID FIELD ON PLPLANE ENTRY IS SPECIFIED FOR CQUADX ELEMENT ID = %1.
USER ACTION: SET CID TO ZERO OR LEAVE BLANK.

6546.1 *** USER FATAL MESSAGE 6546 (ETRIFD)
THE CID FIELD ON PLPLANE ENTRY IS SPECIFIED FOR CTRIAX ELEMENT ID = %1.
USER ACTION: SET CID TO ZERO OR LEAVE BLANK.

6547.0 *** USER WARNING MESSAGE 6547 (RCARD)
THE SEQGP/SEQEP ENTRY HAS MORE THAN ONE DECIMAL POINT IN THE SEQID FIELD.
USER INFORMATION: SEQID WILL BE TRUNCATED AT THE SECOND DECIMAL POINT FROM THE LEFT.
FOR EXAMPLE, 1.9.2.6 BECOMES 1.9

6548.0 *** SYSTEM FATAL MESSAGE 6548 (SFUPFC)
INSUFFICIENT LOCAL WORKING ARRAY FOR SPARSE MATRIX FORWARD-BACKWARD SUBSTITUTION.
PROGRAMMER INFORMATION: CHECK THE SECOND ORDER EQUATION ON IC2 IN SPUPFC.

6548.1 *** SYSTEM FATAL MESSAGE 6548 (SFUPBC)
INSUFFICIENT LOCAL WORKING ARRAY FOR SPARSE MATRIX FORWARD-BACKWARD SUBSTITUTION.
PROGRAMMER INFORMATION: CHECK THE SECOND ORDER EQUATION ON IC2 IN SFUPBC.

6549.0 *** SYSTEM WARNING MESSAGE 6549 (SFMG68)
FOR THE VERSION %1 SPARSE FACTOR MATRIX CALLED %2, RECORD 0 IS INCOMPLETE.

6550.0 *** SYSTEM WARNING MESSAGE 6550 (SFMG68)
FOR THE VERSION %1 SPARSE FACTOR MATRIX CALLED %2, THE MATRIX SIZE IN THE TRAILER IS INCONSISTENT WITH RECORD 1.

6551.0 *** SYSTEM FATAL MESSAGE 6551 (INPTX2)
%1 WAS DETECTED ON UNIT %2 DURING BINARY %3 PROCESSING

6551.1 *** SYSTEM FATAL MESSAGE 6551 (INPTX2)
ON SINGLE PRECISION OR ILP64 PLATFORM, DOUBLE PRECISION IS NOT SUPPORTED.
DOUBLE PRECISION ON ILP64 IS EQUIVALENT TO QUAD PRECISION ON LP64/ILP32.
CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6552.0 *** USER FATAL MESSAGE 6552 (IFS6P)
THE DOPTPRM ENTRY DOES NOT SPECIFY A PARAMETER NAME.

USER INFORMATION : THIS ENTRY HAS CHANGED FOR VERSION 68. YOU MUST SPECIFY A PARAMETER NAME AND A VALUE.

6552.1 *** USER FATAL MESSAGE 6552 (IFS10P)
THE BCPARA ENTRY DOES NOT SPECIFY A PARAMETER NAME.
USER INFORMATION : YOU MUST SPECIFY A PARAMETER NAME AND A VALUE.

6553.0 *** USER FATAL MESSAGE 6553 (DOPR3R)
A %1 RESPONSE HAS BEEN INVOKED BY THE DESSUB COMMAND IN SUBCASE %2, WHICH IS NOT THE FIRST SUBCASE.
USER INFORMATION: %3 RESPONSES MUST BE INVOKED EITHER ABOVE THE SUBCASE LEVEL OR IN THE FIRST SUBCASE.

6554.0 *** USER FATAL MESSAGE 6554 (DOPR2A)
FOR AN INTERNAL AUXILIARY MODEL:
THE INTERNAL AUXILIARY MODEL, THE AUXILIARY DISPLACEMENT MATRIX, OR A DVBSHAP BULK DATA ENTRY IS MISSING.
USER ACTION: CHECK FOR THE EXISTENCE OF THE AUXILIARY CASE CONTROL SECTION, AUXILIARY MODEL BULK DATA SECTION AND DVBSHAP ENTRIES.

6555.0 *** USER FATAL MESSAGE 6555 (DOPR2A)
BOTH DVBSHAP AND DVSHAP ENTRIES ARE SPECIFIED, WHICH IS NOT ALLOWED.
USER ACTION: USE DVBSHAP ENTRIES FOR AN INTERNAL AUXILIARY MODEL OR DVSHAP ENTRIES FOR AN EXTERNAL AUXILIARY MODEL.

6557.0 *** USER FATAL MESSAGE 6557 (AXCDFD)
STRAIN SINGULARITY WAS ENCOUNTERED IN HYPERELASTIC ELEMENT %1 IN THE SOLUTION PHASE.

6558.0 *** USER WARNING MESSAGE 6558 (DSADMS)
A DRESP1 ENTRY DEFINES A MARGIN OF SAFETY AS A RESPONSE FOR ELEMENT TYPE %1, ELEMENT ID = %2,
AND COMPONENT = %3. THE REQUESTED RESPONSE IS NOT AVAILABLE.
USER INFORMATION: THIS PROBABLY INDICATES THAT THE ELEMENT STRESS IS ZERO OR HAS THE OPPOSITE SIGN OF THE LIMIT STRESS.
HOWEVER, IT COULD INDICATE THAT THE REQUIRED STRESS LIMITS HAVE NOT BEEN SPECIFIED ON THE MATERIAL PROPERTY BULK DATA ENTRY.

6559.0 *** USER FATAL MESSAGE 6559 (MODEPT)
THE TABLEDI ID = %1 ENTRY REFERENCED BY A PACABS ENTRY CONTAINS ZERO OR NEGATIVE VALUES FOR FREQUENCY (XI).
USER INFORMATION: FREQUENCY VALUES SPECIFIED ON THE TABLEDI ENTRY MUST BE GREATER THAN ZERO.

6560.0 *** USER WARNING MESSAGE 6560 (GPST1T)
THE MAXIMUM NUMBER OF MESSAGES HAVE BEEN ISSUED BY THE GRID POINT STRESS PROCESSOR (%1 MODULE).

6561.0 *** SYSTEM FATAL MESSAGE 6561 (ULANDD):
DURING REAL UNSYMMETRIC LANCZOS EIGENVALUE EXTRACTION, A READ ERROR WAS ENCOUNTERED IN READING THE TRIDIAGONAL FILE %1.

6562.0 *** SYSTEM FATAL MESSAGE 6562 (ULANDD):
DURING REAL UNSYMMETRIC LANCZOS EIGENVALUE EXTRACTION, CONVERGENCE FAILED FOR ONE OR MORE EIGENVALUES.
ERROR IN QL ITERATION, STEP %1

6563.0 *** SYSTEM FATAL MESSAGE 6563 (ULANFD):
DURING REAL UNSYMMETRIC LANCZOS EIGENVALUE EXTRACTION, A FACTOR ERROR WAS ENCOUNTERED, ERROR TYPE = %1

6564.0 *** SYSTEM FATAL MESSAGE 6564 (ULANXD):
DURING REAL UNSYMMETRIC LANCZOS EIGENVALUE EXTRACTION, A NULL COLUMN WAS ENCOUNTERED WHILE READING
THE MATRIX FROM FILE %1.

6565.0 *** USER FATAL MESSAGE 6565 (UEIGL):
THE SIXTH OUTPUT DATA BLOCK WHICH IS REQUIRED IS PURGED.
USER ACTION: CHECK UEIGL DMAP CALL.

6566.0 *** SYSTEM FATAL MESSAGE 6566 (UEIGL):
THE MASS AND THE DIVERGENCE MATRICES DO NOT EXIST FOR REAL UNSYMMETRIC LANCZOS.
USER ACTION: EITHER THE MASS OR THE DIVERGENCE MATRIX IS REQUIRED.

6567.0 *** SYSTEM FATAL MESSAGE 6567 (UEIGL):
THE INPUT MATRICES TO THE REAL UNSYMMETRIC LANCZOS EIGENVALUE EXTRACTION MODULE REQUIRE A COMPLEX EIGENVALUE SOLUTION.
USER ACTION: USE THE COMPLEX LANCZOS (CEAD) MODULE.

6568.0 *** SYSTEM WARNING MESSAGE 6568 (ULANCZ):
DURING REAL UNSYMMETRIC EIGENVALUE EXTRACTION, MORE ROOTS THAN EXIST HAVE BEEN FOUND.

6569.0 *** USER WARNING MESSAGE 6569 (ULANCZ):
DURING REAL UNSYMMETRIC EIGENVALUE EXTRACTION, NO ROOTS HAVE BEEN FOUND.

6570.0 *** USER INFORMATION MESSAGE 6570 (ULANCZ):
DURING REAL UNSYMMETRIC EIGENVALUE EXTRACTION, ALL

ROOTS REQUIRED HAVE BEEN FOUND.

6570.1 *** USER INFORMATION MESSAGE 6570 (ULANCZ):
DURING REAL UNSYMMETRIC EIGENVALUE EXTRACTION, ALL ROOTS REQUIRED AT THIS SHIFT HAVE BEEN FOUND.

6571.0 *** USER FATAL MESSAGE 6571 (DOPR1B)
DESVAR ENTRY %1 IS LISTED AS THE DEPENDENT DESIGN VARIABLE ID ON MORE THAN ONE DLINK ENTRY
USER ACTION: REMOVE THE DUPLICATE REFERENCE TO THE DESVAR ENTRY.

6571.1 *** SYSTEM FATAL MESSAGE 6571 (%1)
A MISSING OR DUMMY SUBROUTINE HAS BEEN CALLED.

6572.0 *** USER WARNING MESSAGE 6572 (TASNP2)
A TOTAL OF%1 SNORM BULK DATA ENTRIES ARE IGNORED, BECAUSE THE REFERENCED GRID POINT(S) DO NOT CONNECT TO A SHELL ELEMENT.
USER INFORMATION : THE FOLLOWING IS THE LIST OF THE ENTRIES THAT ARE IGNORED.

6572.1 *** USER WARNING MESSAGE 6572 (TASN)
A TOTAL OF%1 SNORM BULK DATA ENTRIES ARE IGNORED, BECAUSE THE REFERENCED GRID POINT(S) DO NOT CONNECT TO A SHELL ELEMENT.
USER INFORMATION : THE FOLLOWING IS THE LIST OF THE FIRST %2 ENTRIES THAT ARE IGNORED.
%3
%4
%5
%6
%7

6573.0 BECAUSE OF INSUFFICIENT CORE MEMORY AVAILABLE, PARALLEL EMA HAS BEEN ABORTED
SEQUENTIAL EMA WILL BE USED

6573.1 BECAUSE P-VERSION ELEMENTS ARE PRESENT, PARALLEL EMA HAS BEEN DESELECTED
SEQUENTIAL EMA WILL BE USED

6573.2 BECAUSE HALF MATRIX WAS REQUESTED WITH SYSTEM(215)=1, PARALLEL EMA HAS BEEN DESELECTED
SEQUENTIAL EMA WILL BE USED

6573.3 BECAUSE OF AVAILABLE CPU AND/OR SYSTEM(107) VALUE CHOSEN, PARALLEL EMA HAS BEEN DESELECTED
SEQUENTIAL EMA WILL BE USED

6575.0 REVERTING TO FULL MATRIX FORM BECAUSE ASYMMETRY OF ELEMENT MATRICES

6576.0 P-VERSION ELEMENT LEVEL SPILL HAS BEEN ACTIVATED

6577.0 *** SYSTEM FATAL MESSAGE 6577 (REIGL)
FOURTH INPUT DATA BLOCK (CASE CONTROL) IS PURGED AND FIFTH PARAMETER VALUE (SET ID) IS ZERO IN REIGL MODULE.
USER INFORMATION: SET ID MUST BE GREATER THAN ZERO IF CASE CONTROL IS NOT PROVIDED AS INPUT TO MODULE.

6577.1 *** SYSTEM FATAL MESSAGE 6577 (LANCZOS)
THE FIFTH INPUT DATA BLOCK (CASE CONTROL) IS PURGED AND THE SIXTH
PARAMETER'S VALUE (SET ID) IS LESS THAN ZERO IN THE LANCZOS MODULE.
USER INFORMATION: THE SET ID MUST BE GREATER THAN ZERO IF CASE CONTROL
IS NOT PROVIDED AS INPUT TO THE MODULE.

6577.2 *** SYSTEM FATAL MESSAGE 6577 (LNNRIGL)
FOURTH INPUT DATA BLOCK (CASE CONTROL) IS PURGED AND FIFTH PARAMETER VALUE (SET ID) IS ZERO IN READ MO
DULE.
USER INFORMATION: SET ID MUST BE GREATER THAN ZERO IF CASE CONTROL IS NOT PROVIDED AS INPUT TO MODULE.

6578.0 *** SYSTEM FATAL MESSAGE 6578 (REIGL)
REIGL MODULE PARAMETER NUMBER %1 IS OUT OF BOUNDS

6578.1 *** SYSTEM FATAL MESSAGE 6578 (LANCZOS)
LANCZOS MODULE PARAMETER NUMBER %1 IS OUT OF BOUNDS

6578.2 *** SYSTEM FATAL MESSAGE 6578 (LANCZOS)
THE FIRST PARAMETER (IPROB) MUST BE 'MODES

6578.3 *** SYSTEM FATAL MESSAGE 6578 (LNNRIGL)
LNNRIGL MODULE PARAMETER NUMBER ii IS OUT OF BOUNDS

6579.0 ALL COLUMNS OF MATRIX %1 ARE NULL

6580.0 MATRIX %1 IS NOT POSITIVE SEMIDEFINITE

6580.1 MATRIX %1 IS NOT POSITIVE SEMIDEFINITE

6581.0 PERFORMING M-ORTHOGONALIZATION: MATRIX MODIFIED GRAM-SCHMIDT ALGORITHM

6581.1 PERFORMING HOUSEHOLDER ORTHOGONALIZATION

6582.0 THE NUMBER OF ROWS OF THE INPUT MATRIX %1 ARE LESS THAN THE NUMBER OF COLUMNS

6583.0 The MATRIX MODIFIED GRAM-SCHMIDT ORTHOGONALIZATION IS BEING PERFORMED WITH RESPECT TO AN IDENTITY MATRIX.
USER INFORMATION: THE HOUSEHOLDER METHOD OF ORTHOGONALIZATION MAY BE BETTER.

6584.0 *** USER FATAL MESSAGE 6584 (RFORCD)
RFORCE ENTRY REFERENCES COORDINATE SYSTEM %1 WHICH IS NOT DEFINED FOR THIS SUPERELEMENT.

6584.1 *** USER FATAL MESSAGE 6584 (RFORCD)
RFORCE ENTRY REFERENCES COORDINATE SYSTEM %1 WHICH IS NOT DEFINED IN THE MAIN BULK DATA SECTION.

6584.2 *** USER WARNING MESSAGE 6584 (RFORCD)
METHOD = 1 IS SPECIFIED ON THE RFORCE ENTRY IN COMBINATION WITH P-ELEMENTS.
USER INFORMATION: METHOD = 1 DOES NOT YIELD CORRECT RESULTS WITH P-ELEMENTS AND/OR CONSISTENT(NON-LUMPED) MASS.

6584.3 *** USER FATAL MESSAGE 6584 (GRAVD)
GRAV ENTRY REFERENCES COORDINATE SYSTEM %1 WHICH IS NOT DEFINED FOR THIS SUPERELEMENT.

6584.4 *** USER FATAL MESSAGE 6584 (GRAVD)
GRAV ENTRY REFERENCES COORDINATE SYSTEM %1 WHICH IS NOT DEFINED IN THE MAIN BULK DATA SECTION.

6584.5 *** USER FATAL MESSAGE 6584 (ACCEL)
ACCEL ENTRY REFERENCES COORDINATE SYSTEM %1 WHICH IS NOT DEFINED IN THE MAIN BULK DATA SECTION.

6584.6 *** USER FATAL MESSAGE 6584 (ACCEL1)
ACCEL1 ENTRY REFERENCES COORDINATE SYSTEM %1 WHICH IS NOT DEFINED IN THE MAIN BULK DATA SECTION.

6584.7 *** USER FATAL MESSAGE 6584 (IFS1P)
ACCEL AND ACCEL1 LOADS ARE NOT SUPPORTED FOR SOL 601 OR SOL 701

6585.0 *** USER WARNING MESSAGE 6585 (MDSPC7)
CONSTRAINTS (SPC ENTRIES) HAVE BEEN CREATED FOR THE RADIAL DEGREES OF FREEDOM WHICH ARE LOCATED ON THE AXIS OF AXISYMMETRY AND ALSO CONNECTED TO A CQUADX OR CTRIAX ELEMENT.

6586.0 *** USER FATAL MESSAGE 6586 (NQUDFD)
NONZERO RADIAL DISPLACEMENTS WERE COMPUTED AT GRID POINT %1 LOCATED ON THE AXIS OF AXISYMMETRY.
USER ACTION: SPECIFY CONSTRAINTS (I.E., SPC/SPC1 ENTRIES) FOR THOSE RADIAL DEGREES OF FREEDOM.

6587.0 *** SYSTEM FATAL MESSAGE 6587 (SEP1A)
GRID ID = %1 FOR PRESSURE ELEMENT IS MISSING IN EQEXIN TABLE.

6588.0 *** USER FATAL MESSAGE 6588 (SEP1A)
CSUPER %1 REFERENCES PRIMARY SUPERELEMENT %2 WHICH IS UNDEFINED.

6589.0 *** SYSTEM FATAL MESSAGE 6589
LOGIC ERROR
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER

SUPPORT.

6589.2 *** SYSTEM FATAL MESSAGE 6589
LOGIC ERROR %1
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT

6589.3 *** SYSTEM FATAL MESSAGE 6589
LOGIC ERROR %1
USER INFORMATION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6589.4 *** SYSTEM FATAL MESSAGE 6589 (SEP1A)
LOGIC ERROR 19713
USER INFORMATION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
SE ID DOWNSTREAM ID PROCESS ORDER LEVEL TABLE SECON TABLE

6590.0 *** USER FATAL MESSAGE 6590 (SEP2R)
RIGID ELEMENT %1 REFERENCES UNDEFINED GRID POINT %2.

6591.0 *** USER FATAL MESSAGE 6591 (SEP2RP)
RIGID ELEMENT %1, SUPERELEMENT %2, DEFINES DEPENDENT EXTERIOR POINTS.

6593.0 *** USER FATAL MESSAGE 6593 (SEP1C)
CSUPEXT ENTRY REFERENCES UNDEFINED SUPERELEMENT %1

6594.0 *** USER FATAL MESSAGE 6594 (SEP1C)
CSUPER %1 REFERENCES GRID POINTS IN SUPERELEMENTS %2 AND %3.

6595.0 *** USER FATAL MESSAGE 6595 (SEP1C)
FIELD 2 ON CSUPER %1 IS ILLEGAL.

6596.0 *** USER WARNING MESSAGE 6596 (SEP1C)
SUPERELEMENT %1 SPECIFIED ON SEFINAL COMMAND DOES NOT EXIST AND IS IGNORED.

6597.0 *** USER FATAL MESSAGE 6597 (SEP1C)
SUPERELEMENT CONNECTIVITY DOES NOT OBEY SPECIFIED RULES. ORIGINAL SUPERELEMENT CONNECTION TABLE FOLLOWS

6598.0 *** USER FATAL MESSAGE 6598 (SEP1C)
SECONDARY SUPERELEMENT %1 CANNOT BE PROCESSED AFTER PRIMARY SUPERELEMENT %2

6599.0 *** USER FATAL MESSAGE 6599 (SEP1C)
DUPLICATE ELEMENT IDS %1 %2 AND %3 %4

6599.1 *** USER FATAL MESSAGE 6599 (SEPUEC)
DUPLICATE ELEMENT IDS %1 %2 AND %3 %4 IN SUPERELEMENT %5

6600.0 *** USER FATAL MESSAGE 6600 (ebard)
ON CBAR=%1 THE AREA IS ZERO WHILE K1 AND/OR K2 ARE NONZERO
USER INFORMATION: DURING OPTIMIZATION, THE AREA MAY BE OPTIMIZED TO A ZERO VALUE.
USER ACTION: INCREASE PMIN OR DVPREL1 OR DVPREL2 ENTRY OR LEAVE K1 AND K2 UNSPECIFIED.

6600.1 *** USER FATAL MESSAGE 6600 (IFS1P)
ON PBAR ENTRY=%1 THE AREA IS ZERO WHILE K1 AND/OR K2 ARE NONZERO
USER ACTION: SPECIFY A NONZERO AREA OR LEAVE K1 AND K2 UNSPECIFIED.

6601.0 *** USER FATAL MESSAGE 6601 (TA1A)
A %1 ELEMENT REFERENCES UNDEFINED ELEMENT %2.

6602.0 *** USER FATAL MESSAGE 6602 (TA1A)
ON CHBDYE ELEMENT%1 THE SIDE%2 IS INCONSISTENT WITH %3 ELEMENT %4.

6603.0 *** SYSTEM WARNING MESSAGE 6603 (MAKMSG)
%1 TABLE CONVERSION REQUESTED BUT NO INPUT TABLE SUPPLIED BY PARAMETER LIST SPECIFICATIONS.

6604.0 *** SYSTEM WARNING MESSAGE 6604 (MAKMSG)
%1 TABLE CONVERSION REQUESTED BUT NO INPUT TABLE SUPPLIED AS INPUT DATABLOCK, CHECK FILES VERSUS PARAMETER ORDER.

6605.0 *** SYSTEM WARNING MESSAGE 6605 (MAKMSG)
CSTM CONVERSION WITH CONVECTIVE COORDINATE SYSTEMS ALSO REQUIRES THE BGPDT TABLE FOR COMPLETENESS.

6606.0 *** SYSTEM WARNING MESSAGE 6606 (MAKMSG)
A SIMULATION OF GPL RECORD 2 IS BEING CONSTRUCTED.

6607.0 *** SYSTEM WARNING MESSAGE 6607 (MAKMSG)
%1 TABLE GENERATION REQUIRES ROOT DATA BLOCKS OF EQEXIN OR SIL AND GPL.

6608.0 *** SYSTEM WARNING MESSAGE 6608 (MAKMSG)
CONVERSION OF CONVECTIVE COORDINATE SYSTEM %1 HAS DETECTED A MISSING EXTERNAL GRID IDENTIFICATION.

6609.0 *** SYSTEM WARNING MESSAGE 6609 (MAKMSG)
CONVERSION OF EST SIL VALUES FOR ELEMENT %1 ENCOUNTERED A MISSING INDEX OF %2

6610.0 *** SYSTEM WARNING MESSAGE 6610 (MAKMSG)
CONVERSION OF NX NASTRAN V68 EST CONTAINING P-ELEMENTS CAN NOT BE DISTINTLY PERFORMED.

6611.0 *** SYSTEM WARNING MESSAGE 6611 (MAKMSG)

CONVERSION OF EST CONTAINING HEAT TRANSFER ELEMENTS IS NOT SUPPORTED.

6612.0 **** SYSTEM WARNING MESSAGE 6612 (MAKRPL)
THE ROOT DATA BLOCK TYPE %1 IS NOT KNOWN, THE DATA BLOCK INFORMATION WILL BE IGNORED.

6613.0 **** SYSTEM WARNING MESSAGE 6613 (MAKRPL)
THE CONTENT OF ROOT DATA BLOCK TYPE %1 APPEARS TO BE NULL, NO CONVERSION WILL BE PERFORMED.

6614.0 *** (USER/SYSTEM) FATAL MESSAGE 6614 (DOMCB)
THE DESIGNED DIMENSIONS FOR PBARL/PBEAML ENTRY = %1 ARE INCONSISTENT AND
PRODUCE BAR/BEAM SECTION PROPERTIES THAT ARE UNATTAINABLE.

6614.1 *** SYSTEM FATAL MESSAGE 6614 (DOMCB)
THE DESIGNED DIMENSIONS FOR PBARL/PBEAML ENTRY = %1 ARE INCONSISTENT AND
PRODUCE BAR/BEAM SECTION PROPERTIES THAT ARE UNATTAINABLE.
USER ACTION: THE INCONSISTENT DIMENSIONS HAVE MOST LIKELY BEEN PRODUCED WHEN THE OPTIMIZER
WAS ATTEMPTING TO OVERCOME A VIOLATED CONSTRAINT. IF AN INITIALLY FEASIBLE DESIGN CAN
BE PRODUCED, THE FATAL MESSAGE SHOULD NOT OCCUR.

6615.0 *** SYSTEM FATAL MESSAGE 6615 (BLEMSG)
LOGIC ERROR ENCOUNTERED IN BEAM LIBRARY SUBROUTINE.
PROGRAMMER INFORMATION:
SUBNAM = %1 ERROR NUMBER = %2 SECTION TYPE = %3
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6616.0 *** USER FATAL MESSAGE 6616 (DOPR1Z)
DVPREL2 ENTRY ID = %1, REFERENCES A PBARL/PBEAML PROPERTY TYPE, WHICH IS NOT ALLOWED.
USER INFORMATION: THE BEAM LIBRARY DIMENSIONS CAN ONLY BE DESIGNED USING THE DVPREL1 ENTRY.

6621.0 *** SYSTEM INFORMATION MESSAGE 6621
FOR LANCZOS EIGENVALUE ANALYSIS, METHOD WILL BE USED

6621.1 *** SYSTEM INFORMATION MESSAGE 6621 (REIGL)
THE PARALLEL LANCZOS METHOD IS DESELECTED AND SEQUENTIAL LANCZOS METHOD WILL BE USED
BECAUSE OF AVAILABLE NUMBER OF CPUS AND/OR USER DESELECTION. (SEE PARALLEL KEYWORD ON NASTRAN STATEMENT).

6621.2 *** SYSTEM INFORMATION MESSAGE 6621 (REIGL)

THE PARALLEL LANCZOS METHOD IS DESELECTED AND
SEQUENTIAL LANCZOS METHOD WILL BE USED
BECAUSE NON-SPARSE DECOMPOSITION IS SELECTED. (SEE
SPARSE KEYWORD ON NASTRAN STATEMENT).

6621.3 *** SYSTEM INFORMATION MESSAGE 6621 (REIGL)
THE PARALLEL LANCZOS METHOD IS DESELECTED AND
SEQUENTIAL LANCZOS METHOD WILL BE USED
BECAUSE NUMBER OF SEGMENTS=1. (SEE SYSTEM CELL 197 ON
NASTRAN STATEMENT OR NUMS FIELD ON EIGRL ENTRY).

6621.4 *** SYSTEM INFORMATION MESSAGE 6621 (REIGL)
THE PARALLEL LANCZOS METHOD IS DESELECTED AND
SEQUENTIAL LANCZOS METHOD WILL BE USED
WITH ONE SEGMENT BECAUSE UPPER FREQUENCY LIMIT IS NOT
SPECIFIED ON EIGRL ENTRY.

6621.5 *** SYSTEM INFORMATION MESSAGE 6621 (REIGL)
THE PARALLEL LANCZOS METHOD IS DESELECTED AND
SEQUENTIAL LANCZOS METHOD WILL BE USED
BECAUSE THE NUMBER OF DESIRED EIGENVALUES IS SPECIFIED
ON EIGRL ENTRY.

6621.6 *** SYSTEM INFORMATION MESSAGE 6621 (REIGL)
FOR LANCZOS EIGENVALUE ANALYSIS METHOD WILL BE USED
WITH ONE SEGMENT BECAUSE UPPER FREQUENCY LIMIT IS NOT
SPECIFIED ON EIGRL ENTRY.

6622.0 SYSTEM CELL 199 = %1 FORCES MASS MATRIX TO BE LOADED IN
MEMORY.

6624.0 *** USER FATAL MESSAGE 6624 (IFP9)
SEE INFORMATION MESSAGES ABOVE

6625.0 *** USER WARNING MESSAGE 6625 (VIEW)
MORE THAN 30 PAIRS OF GLOBAL VIEW FACTORS ARE SPECIFIED
FOR RADIATION CAVITY ID=%1.
USER INFORMATION: THE EXTRA PAIRS OF GLOBAL VIEW
FACTORS ARE IGNORED.

6626.0 *** USER INFORMATION MESSAGE 6626, (MODGM1),
THE DISPLACEMENT COORDINATE SYSTEM OF THE GRID ID = %1
IS MODIFIED TO CID =%2 TO MATCH THE
CORRESPONDING %3 ID =%4 CONSTRAINT COORDINATE SYSTEM.
USER ACTION: IF THIS IS NOT DESIRE, SPECIFY A COORDINATE
SYSTEM ID IN THE CD FIELD OF GRID ENTRY.

6627.0 *** SYSTEM WARNING MESSAGE 6627 (LANCZ)
%1

6628.0 %1
SCALER ELEMENT ID =%1 SPECIFIES A CONNECTION TO ITSELF.

6629.0 *** USER FATAL MESSAGE 6629 (TA1BSH)

BUSH ELEMENT ID = %1 HAS INFINITESIMAL LENGTH
USER ACTION : SPECIFY CID FIELD ON THE CBUSH ENTRY.

6629.1 *** USER FATAL MESSAGE 6629 (EBSH3D)
BUSH ELEMENT ID = %1 IS SPECIFIED WITH A ORIENTATION VECTOR WHICH IS INFINITESIMAL OR PARALLEL TO AXIS AB.

6631.0 *** USER FATAL MESSAGE 6631 (EASFD)
TWO GRID POINTS ARE COINCIDENT OR THREE GRID POINTS ARE COLLINEAR FOR ELEMENT ID = %1

6632.0 *** USER FATAL MESSAGE 6632 (EASFD)
THE NORM OF IMPEDANCE IS TOO SMALL FOR ELEMENT ID = %1 IN FREQUENCY = %2

6633.0 *** USER FATAL MESSAGE 6633, (MODGM1),
FOR GRID ID = %1 CONSTRAINT COORDINATE SYSTEMS SPECIFIED ON THE CIDBC FIELD OF THE
%2 ENTRY ID =%3 AND %4 ENTRY ID =%5 ARE NOT THE SAME.
USER ACTION: EXPLICITLY DEFINE COORDINATE SYSTEM ID IN THE CD FIELD OF THE GRID ENTRY,
WHICH OVERRIDES THE CIDBC FIELD.

6634.0 *** SYSTEM FATAL MESSAGE 6634 (SSM7D)
INSUFFICIENT MEMORY AS DESCRIBED IN THE FATAL MESSAGE BELOW.
USER ACTION: INCREASE MEMORY OR SPECIFY A BLOCK SIZE OF 1 ON THE EIGRL ENTRY OR THE LANCZOS DMAP MODULE SPECIFICATION.

6635.0 *** SYSTEM FATAL MESSAGE 6635 (TABLD)
INVALID INPUT FOR TABLE INTERPOLATION. TABLE ID = %1
FOR LOGARITHMIC X-AXIS, VALUE = %2
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6636.0 *** SYSTEM WARNING MESSAGE 6636
THE FOLLOWING DIAGNOSTIC(S) ARE ISSUED BY THE LANCZOS MODULE.

6636.4 *** SYSTEM WARNING MESSAGE 6636 (LNCTRD)
NO MODES EXIST IN THE INTERVAL SPECIFIED (0.0 TO %1 HZ).

6636.5 *** SYSTEM WARNING MESSAGE 6636 (LNCTRD)
NO MODES EXIST IN THE INTERVAL SPECIFIED (%1 TO %2 HZ).

6636.6 *** SYSTEM WARNING MESSAGE 6636 (LNCTRD)
THERE ARE ONLY %1 MODES BELOW %2 HZ.

6636.7 *** SYSTEM WARNING MESSAGE 6636 (LNCTRD)
NO MODES EXIST ABOVE %1 HZ.

6637.0 *** USER WARNING MESSAGE 6637 (TASNP2)
THE SPECIFIED VALUE FOR PARAM SNORM IS %1 DEGREES

USER INFORMATION : THE PROGRAM WILL USE A VALUE OF %2 DEGREES.

6638.0 *** SYSTEM FATAL MESSAGE 6638 (DOP1c1)
THE %1 SECTION TYPES IN GROUP %2 EXCEED THE LIMIT OF %3 FOR USER DEFINED BEAM LIBRARIES.
USER ACTION: REDUCE THE NUMBER OF SECTION TYPES.

6640.0 *** SYSTEM FATAL MESSAGE 6640 (SSM5D):
ITERATIVE SOLVER IS NOT AVAILABLE FOR LANCZOS SUPERMODULE.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: IOPTI = %1

6641.0 *** SYSTEM FATAL MESSAGE 6641 (SK11RD)
ERROR IN READING K11 MATRIX FOR ITERATIVE SOLVER INSIDE STATICS MODULE. NUMBER OF INDICES AND
NUMBER OF NZ TERMS ARE INCOMPATIBLE IN COLUMN %1
NUMBER OF INDICES: %2 NUMBER OF NZ TERMS: %3

6641.1 *** SYSTEM FATAL MESSAGE 6641 (SCALRD):
ERROR IN READING K11 MATRIX FOR ITERATIVE SOLVER INSIDE STATICS SUPERMODULE. NUMBER OF INDICES AND
NUMBER OF NZ TERMS ARE INCOMPATIBLE IN COLUMN %1
NUMBER OF INDICES: %2 NUMBER OF NZ TERMS: %3

6642.0 *** USER INFORMATION MESSAGE 6642 (SSM9D)
ERROR RATIO(S) FOR FIRST %1 MODES:

6643.0 *** USER INFORMATION MESSAGE 6643 (SSM9D)
ERROR RATIO FOR LARGEST EPSILON VALUE IN FIRST TEN MODES MODES:

6644.0 *** SYSTEM FATAL MESSAGE 6644 (DOM10)
DESCYCLE, THE FIRST PARAMETER IN THE DOM10 MODULE HAS AN INVALID VALUE OF %1.
PROGRAMMER INFORMATION: VALID VALUES OF DESCYCLE ARE A POSITIVE INTEGER, -1 OR -2.

6644.1 *** USER WARNING MESSAGE 6644 (FRPROD)
SOME OR ALL COMPUTED EXCITATION FREQUENCIES ARE OUTSIDE THE RANGE F1 AND F2 FOR %1 BULK DATA ENTRY WITH ID =%2
THESE COMPUTED EXCITATION FREQUENCIES ARE IGNORED.

6645.0 *** USER WARNING MESSAGE 6645 (FRSRTD)
FREQ3, FREQ4, AND/OR FREQ5 ENTRIES ARE PRESENT IN A DIRECT FREQUENCY RESPONSE ANALYSIS;
THEY WILL BE IGNORED.

6647.0 *** USER FATAL MESSAGE 6647 (FRSRTD)
EXCITATION FREQUENCIES CAN NOT BE COMPUTED.

BECAUSE FREQUENCIES ARE NOT AVAILABLE.

6647.1 *** USER FATAL MESSAGE 6647 (FRSRTD)
EXCITATION FREQUENCIES CAN NOT BE COMPUTED.
BECAUSE FREQUENCIES ARE NOT AVAILABLE.
USER ACTION: PROVIDE FREQ, FREQ1 OR FREQ2 CARDS

6648.0 *** USER WARNING MESSAGE 6648 (FRPROD)
THE NUMBER OF FREQUENCIES SPECIFIED ON THE FREQ4 ENTRY ID = %1 IS NOT AN ODD NUMBER.
USER INFORMATION : AN EXTRA FREQUENCY WILL BE INCLUDED.

6650.0 *** SYSTEM WARNING MESSAGE 6650 (SSM2)
IMPROPER SET SPECIAL DEFINITION.

6651.0 *** SYSTEM WARNING MESSAGE 6651 (SSM2)
IMPROPER USET TABLE READING.

6652.0 *** USER FATAL MESSAGE 6652 (SSM3D)
DIFFERENT NUMBER OF LOAD VECTORS AND ENFORCED DISPLACEMENT VECTORS IN STATICS MODULE
NUMBER OF LOAD VECTORS = %1
NUMBER OF ENFORCED DISPLACEMENT VECTORS = %2

6653.0 *** USER WARNING MESSAGE 6653
ONLY ONE LOAD VECTOR IS ALLOWED WITH THE ITERATIVE SOLVER
THE FIRST ONE WILL BE USED AND THE OTHERS IGNORED

6653.1 *** SYSTEM FATAL MESSAGE 6653 (SITDRD)
INSIDE THE MODULE, THE ITERATIVE SOLVER IS NOT AVAILABLE FOR MULTIPLE LOAD CASES.

6654.0 *** USER WARNING MESSAGE 6654 (DOM9PR)
APRCOD HAS BEEN RESET TO 1 (DIRECT) BECAUSE THE DESIGN VARIABLES ARE POTENTIALLY ZERO.
USER INFORMATION: APRCOD IS SET ON THE DOPTPRM BULK DATA ENTRY. APRCOD VALUES OF 2 OR 3
CAUSE A DIVIDE BY ZERO ERROR WHEN THE DESIGN VARIABLE VALUE IS ZERO.

6654.1 *** USER WARNING MESSAGE 6654 (DISPR)
APRCOD HAS BEEN RESET TO 1 (DIRECT) BECAUSE THE DESIGN VARIABLES ARE POTENTIALLY ZERO.
USER INFORMATION: APRCOD IS SET ON THE DOPTPRM BULK DATA ENTRY. APRCOD VALUES OF 2 OR 3
CAUSE A DIVIDE BY ZERO ERROR WHEN THE DESIGN VARIABLE VALUE IS ZERO.

6655.0 *** USER FATAL MESSAGE 6655 (LANCZ)
THE CASE CONTROL COMMAND METHOD=%1 REFERENCES AN UNSPECIFIED EIGRL BULK DATA ENTRY.

USER ACTION: SUPPLY AN EIGRL ENTRY.
PROGRAMMER ACTION: ALTERNATIVELY, SET THE SIXTH PARAMETER TO THE LANCZOS MODULE (SET ID)
TO A NEGATIVE INTEGER AND SUPPLY EIGRL VALUES TO THE LANCZOS MODULE
DIRECTLY AS PARAMETERS SEVEN THROUGH THIRTEEN.

6656.0 *** USER FATAL MESSAGE 6656 (MODTRK)
THE TRACKED SUBSET %1 OF MODES FROM A PREVIOUS DESIGN CYCLE CAN NOT BE FOUND.
USER ACTION: CALL SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6657.0 *** USER FATAL MESSAGE 6657 (MTD0RD)
NO DRESP1 BULK DATA ENTRIES WERE SPECIFIED FOR PURPOSES OF MODE TRACKING.

6658.0 *** USER WARNING MESSAGE 6658 (MTD0RD)
THERE ARE NO DRESP1 RESPONSES MATCHING THE MODES SPECIFIED FOR MODE TRACKING.

6660.0 *** USER FATAL MESSAGE 6660 (VIEW)
THE RADIATION MATRIX FOR RADIATION CAVITY ID=%1 DEFINED ON RADLST OR RADMTX BULK DATA ENTRIES HAS WRONG FORMAT OR DATA.
USER INFORMATION: THE RADIATION MATRIX MUST BE SPECIFIED COMPLETELY.

6661.0 *** USER INFORMATION MESSAGE 6661 (VIEWP)
THE CURRENT SUPERELEMENT DOES NOT CONTAIN ANY P-ELEMENTS.

6661.1 *** USER INFORMATION MESSAGE 6661 (SDR2AA)
THE CURRENT MODEL DOES NOT CONTAIN ANY P-ELEMENTS.

6662.0 *** USER FATAL MESSAGE 6662 (IFP6CD)
ONE OR MORE MAT1 ENTRIES SPECIFY ZERO FOR YOUNG'S MODULUS , E.
USER INFORMATION: MAT1 ENTRIES REFERENCED BY PCOMP ENTRIES MUST HAVE A YOUNG'S MODULUS GREATER THAN ZERO.

6663.0 *** SYSTEM WARNING MESSAGE 6663 (FRRD1D)
THE SOLUTION FOR FREQUENCY %1 (HZ) DID NOT CONVERGE USING THE ITERATIVE SOLVER.
USER INFORMATION: THE RESULTS FOR THIS FREQUENCY SHOULD BE INSPECTED FOR VALIDITY.
USER ACTION: RERUN THE JOB ONLY FOR THIS FREQUENCY WITH A HIGHER MAXIMUM NUMBER OF
ITERATIONS (INCREASE ITSMAX ON ITER BULK DATA ENTRY) OR USING THE
DIRECT METHOD (SET ITER=0 ON THE %2 STATEMENT).

6664.0 *** SYSTEM INFORMATION MESSAGE 6664. (DRMH1C)
ELEMENT NUMBER %1 TYPE %2 IS NOT SUPPORTED BY MODULE DRMH1.

6664.1 ***0 USER FATAL MESSAGE 6664 (AXMPR2)
AUXILIARY MODEL ID=%1 HAS A %2 BULK DATA ENTRY WITH A DUPLICATE ID=%3.
USER INFORMATION: THE IDENTIFICATION NUMBER FOR THIS ENTRY MUST BE UNIQUE WITH RESPECT TO ANY
SIMILAR ENTRY TYPE IN THE PRIMARY MODEL BULK DATA.

6665.0 *** SYSTEM WARNING MESSAGE 6665 (GP4)
NOT ENOUGH BUFFER SPACE WAS RESERVED TO READ THE SUPORT1 BULK DATA ENTRIES. %1 WORDS ALLOCATED
PROGRAMMER INFORMATION: PROBABLE CAUSE IS TOO SMALL A SPACE ALLOCATED.
PROGRAMMER ACTION: SPECIFY MAXX TO BE GREATER THAN TWO SYSBUFS.

6670.0 *** SYSTEM WARNING MESSAGE 6670 (SEQPRT)
SUFFICIENT MEMORY IS NOT AVAILABLE TO RESEQUENCE P-ELEMENT HIERARCHICAL GRID POINTS IN ORDER TO
OBTAIN MAXIMUM EFFICIENCY DURING MATRIX DECOMPOSITION.
USER ACTION: INCREASE MEMORY USING THE MEM KEYWORD ON THE NASTRAN COMMAND OR
THE HICORE KEYWORD ON THE NASTRAN STATEMENT.

6671.0 *** USER INFORMATION MESSAGE 6671 (MATMOD):
FOR MATMOD OPTION 10 (COMPLEX CONJUGATE) THE INPUT DATA BLOCK %1 IS REAL (TYPE = %2).
USER INFORMATION: THE INPUT DATA BLOCK WILL BE COPIED TO THE OUTPUT DATA BLOCK.

6672.0 *** USER INFORMATION MESSAGE 6672 (MTD1RD)
THE NUMBER OF DEGREES OF FREEDOM IN THE ANALYSIS SET (A-SET) HAVE CHANGED
FROM THE PREVIOUS DESIGN CYCLE.
USER INFORMATION: ALL DEGREES OF FREEDOM WILL BE USED.

6673.0 *** USER FATAL MESSAGE 6673 (MTD1RD)
THE NUMBER OF DEGREES OF FREEDOM (G-SET) HAS CHANGED FROM THE PREVIOUS DESIGN CYCLE.

6674.0 *** USER FATAL MESSAGE 6674 (MTD1RD)
MODTRAK BULK DATA ENTRY WITH SID =%1 CANNOT BE FOUND.

6675.0 *** USER INFORMATION MESSAGE 6675 (MTD1RD)
LOWRNG = %1 ON THE MODTRAK BULK DATA ENTRY IS GREATER THAN THE LOWEST
DRESP1 MODE %2. LOWRNG WILL AUTOMATICALLY BE REDUCED TO %3.

6676.0 *** USER INFORMATION MESSAGE 6676 (MTD1RD)
HIGHRNG = %1 ON THE MODTRAK BULK DATA ENTRY IS LOWER THAN THE HIGHEST
DRESP1 MODE %2. HIGHRNG WILL AUTOMATICALLY BE INCREASED TO %3.

6677.0 RUN TERMINATED DUE TO MODE TRACKING FAILURE. SEE USER FATAL MESSAGE 6677 (MTFTRD) PRINTED ABOVE FOR INFORMATION.

6677.1 *** USER FATAL MESSAGE 6677 (MTFTRD)
MODES CANNOT BE TRACKED:
IN ORDER TO TRACK THESE MODES, IT MAY BE APPROPRIATE TO:
1. REDUCE MOVE LIMITS (DELP,DPMIN,DELX,DELXV,DXMIN), OR
2. DECREASE THE FILTERING PARAMETER, MTFILTER, OR
3. BOTH 1 AND 2
THE PUNCH FILE MAY CONTAIN UPDATED DRESP1 ENTRIES FROM A PREVIOUS DESIGN CYCLE, WITH 'EIGN IN FIELD 7 WRITTEN
TO CORRESPOND WITH THE POSITIONS OF THE SUCCESSFULLY TRACKED MODES (OUTPUT OF UPDATED DRESP1 ENTRIES
IS CONTROLLED BY BULK DATA PARAMETER DESPCH. SEE QUICK REFERENCE GUIDE FOR ITS DETAILED DESCRIPTION).
THESE DRESP1 ENTRIES CAN BE USED TO RESTART FROM THE LAST DESIGN, WITH ANY OF MODIFICATIONS 1, 2, OR 3, ABOVE.

6678.0 FOLLOWING ARE THE CORRESPONDING NEW POSITIONS OF THE SWITCHING DESIGNED MODES:

6679.0 *** USER FATAL MESSAGE 6679 (MTMCRD)
TWO OR MORE MODES ARE NEARLY IDENTICAL, WHICH MAKES TRACKING THE MODES NOT POSSIBLE.
USER ACTION: RERUN USING A SMALLER VALUE ON ONE OR MORE OF THE FOLLOWING:
1) DELXV PARAMETER OF THE DESVAR BULK DATA ENTRY
2) DELP PARAMETER OF THE DOPTPRM BULK DATA ENTRY
3) DELX PARAMETER OF THE DOPTPRM BULK DATA ENTRY

6681.0 *** USER INFORMATION MESSAGE 6681 (SEQRS).
THE MULTIPLE MINIMUM DEGREE METHOD OF RESEQUENCING WAS EXECUTED, HOWEVER, NO DECOMPOSITION ESTIMATES WERE COMPUTED.
USER ACTION: IF ESTIMATES ARE REQUIRED, THEN SPECIFY SYSTEM(222)=1 ON THE NASTRAN STATEMENT.

6681.1 *** USER INFORMATION MESSAGE 6681 (SEQRS).
THE NESTED DISSECTION METHOD OF RESEQUENCING WAS EXECUTED, HOWEVER, NO DECOMPOSITION ESTIMATES WERE COMPUTED.
USER ACTION: IF ESTIMATES ARE REQUIRED, THEN SPECIFY

SYSTEM(222)=1 ON THE NASTRAN STATEMENT.

6681.2 *** USER INFORMATION MESSAGE 6681 (SEQRS).
THE GIBBS-KING METHOD OF RESEQUENCING WAS EXECUTED,
HOWEVER, NO DECOMPOSITION ESTIMATES WERE COMPUTED.
USER ACTION: IF ESTIMATES ARE REQUIRED, THEN SPECIFY
SYSTEM(222)=1 ON THE NASTRAN STATEMENT.

6681.3 *** USER INFORMATION MESSAGE 6681 (SEQRS).
THE WAVEFRONT METHOD OF RESEQUENCING WAS EXECUTED,
HOWEVER, NO DECOMPOSITION ESTIMATES WERE COMPUTED.
USER ACTION: IF ESTIMATES ARE REQUIRED, THEN SPECIFY
SYSTEM(222)=1 ON THE NASTRAN STATEMENT.

6682.0 *** USER INFORMATION MESSAGE 6682 (FRRDR1)
NOT MODAL FREQUENCY RESPONSE, FALL BACK TO FRRD1.

6682.1 *** USER INFORMATION MESSAGE 6682 (FRRDR1)
FALL BACK TO FRRD1 DUE TO THE STRUCTURE OF MATRIX %1.

6682.2 *** USER INFORMATION MESSAGE 6682 (FRRDR1)
UNCOUPLED SOLUTION NEEDED, FALL BACK TO FRRD1.

6682.3 *** USER INFORMATION MESSAGE 6682 (FRRDR1)
OUT OF MEMORY.
USER ACTION: ADD %1 WORDS TO RUN AGAIN.

6682.4 *** USER INFORMATION MESSAGE 6682 (FRDPRE)
DUPLICATE MODES FOUND. FALL BACK TO FRRD1.

6682.5 *** USER INFORMATION MESSAGE 6682 (FRDPRE)
RIGID MODES FOUND. FALL BACK TO FRRD1.
USER ACTION: FOR BETTER PERFORMANCE, ALTER EIGRL CARD
OR ADD PARAM LFREQ TO AVOID RIGID MODES.

6682.6 *** USER INFORMATION MESSAGE 6682 (FRDSMP)
NEEDS %1 ADDITIONAL WORDS OF MEMORY TO USE IN-CORE
FRRD1 WITH PARALLEL=%2.
FALL BACK TO NXN85 FRRD1.
USER ACTION: FOR BETTER PERFORMANCE, INCREASE MEMORY
TO USE PARALLEL IN-CORE FRRD1.

6682.7 *** USER INFORMATION MESSAGE 6682 (FRDSMP)
NEEDS %1 ADDITIONAL WORDS OF MEMORY TO USE IN-CORE
FRRD1 WITH PARALLEL=%2.
FALL BACK TO USE IN-CORE FRRD1 WITH PARALLEL=%3.
USER ACTION: INCREASE MEMORY FOR BETTER PERFORMANCE
IN FRRD1.

6682.8 *** USER INFORMATION MESSAGE 6682 (FRDGPU)
FRDGPU FAILED. FALL BACK TO FRRD1.

6682.9 *** USER INFORMATION MESSAGE 6682 (FRDGPU)
FRDGPU NEEDS MORE MEMORY FOR LOADS. FALL BACK TO

FRRD1.

6682.10 *** USER INFORMATION MESSAGE 6682 (FRDSMP)
MATRICES IN FRRD1 ARE SPARSE. FOR BETTER PERFORMANCE, %1 IS SELECTED.

6682.11 *** USER INFORMATION MESSAGE 6682 (FRDGPU3)
NEEDS %1 ADDITIONAL WORDS OF MEMORY TO USE IN-CORE FRRD1 WITH PARALLEL=%2.
FALL BACK TO USE IN-CORE FRDGPU WITH PARALLEL=%3.
USER ACTION: INCREASE MEMORY FOR BETTER PERFORMANCE IN FRDGPU.

6682.12 *** USER INFORMATION MESSAGE 6682 (FRDGPU3)
NEEDS %1 ADDITIONAL WORDS OF MEMORY TO USE IN-CORE FRDGPU WITH PARALLEL=%2.
FALL BACK TO NXN85 FRRD1.
USER ACTION: FOR BETTER PERFORMANCE, INCREASE MEMORY TO USE PARALLEL IN-CORE FRDGPU.

6683.0 *** USER FATAL MESSAGE 6683 (FRRD1A)
ALL COMPUTED EXCITATION FREQUENCIES ARE OUTSIDE THE RANGE F1 AND F2 FOR FREQ4 AND/OR FREQ5
BULK DATA ENTRIES, OR THERE ARE NO FREQi BULK DATA ENTRIES SPECIFIED.
PROGRAMMER INFORMATION: INPUT FILE 4 DOES NOT EXIST.

6684.0 *** USER FATAL MESSAGE 6684 (DOPR3A)
NORMAL MODES RTYPE = EIGN AND RTYPE = FREQ HAVE BEEN SELECTED BY DRESP1 ENTRIES IN THE SAME RUN.
USER ACTION: USE EITHER OF THEM BUT NOT BOTH ON DRESP1 ENTRIES.

6687.0 *** SYSTEM INFORMATION MESSAGE 6687 (SOLVIT)
ALTERNATIVE CONVERGENCE CRITERION IS NOT AVAILABLE FOR P-VERSION PROBLEMS.
USER INFORMATION: CRITERION SWITCHED TO REGULAR CONVERGENCE |R|/|B|.

6688.0 *** USER FATAL MESSAGE 6688 (CONSSD)
ELEMENT %1 ON RSSCON BULK DATA ENTRY %2
IS OF ELEMENT TYPE %3 WHICH CANNOT BE REFERENCED AS A SOLID ELEMENT ON AN RSSCON.

6688.1 *** USER FATAL MESSAGE 6688 (CONSSD)
ELEMENT TYPE %1 ATTACHED TO SOLID ELEMENT %2 ON RSSCON BULK DATA ENTRY %3
CANNOT BE REFERENCED AS A SHELL ELEMENT ON AN RSSCON.

6688.2 *** USER FATAL MESSAGE 6688 (SECNSD)
ELEMENT %1 HAS GRID POINTS THAT CANNOT BE LOCATED

6689.0 *** USER FATAL MESSAGE 6689 (GP4RS2)

BULK DATA RSSCON %1 ELEMENT %2 CONNECTED TO ELEMENT %3 IS AN INCOMPLETE ATTACHMENT.
ONLY A SUBSET OF THE SHELL GRID AND EDGE DEGREES OF FREEDOM ARE CONSTRAINED

6689.1 *** USER FATAL MESSAGE 6689 (CONSSD)
RSSCON NUMBER %1 CANNOT CONNECT %2 ELEMENT %3 TO %4 ELEMENT %5
USER ACTION: CHECK GEOMETRY

6689.2 *** USER FATAL MESSAGE 6689 (SECNS2)
BULK DATA RSSCON %1 ELEMENT %2 CONNECTED TO ELEMENT %3 IS AN INCOMPLETE ATTACHMENT.

6690.0 *** USER FATAL MESSAGE 6690 (EDGEPD)
THE SHELL ELEMENT GRID POINT ID %1 DOES NOT LIE BETWEEN SOLID GRID POINT IDS %2 AND %3.
USER ACTION: CHECK CONNECTIVITY ON THE RSSCON BULK DATA ENTRY.

6692.0 *** USER FATAL MESSAGE 6692 (RSSCND)
FEEDGE BULK DATA ENTRY %1 SPECIFIED ON RSSCON BULK DATA ENTRY %2 IS NOT DEFINED.

6692.1 *** USER FATAL MESSAGE 6692 (GP4RSS)
SOLID ELEMENT %1 SPECIFIED ON A RSSCON BULK DATA ENTRY IS NOT DEFINED.

6692.2 *** USER FATAL MESSAGE 6692 (GP4RS1)
SHELL ELEMENT ID %1 SPECIFIED ON RSSCON BULK DATA ENTRY %2 WITH SOLID ELEMENT %3 IS NOT DEFINED.

6692.3 *** USER FATAL MESSAGE 6692 (%1)
RSSCON NUMBER %1 CANNOT CONNECT AN EDGE OF %2 ELEMENT %3 TO %4 ELEMENT %5

6692.4 *** USER FATAL MESSAGE 6692 (%1)
RSSCON NUMBER %2 CANNOT CONNECT AN EDGE OF SHELL ELEMENT %3 TO SOLID ELEMENT %4

6692.5 *** USER FATAL MESSAGE 6692 (SEPMEP)
ELEMENT %1 SPECIFIED ON RSSCON ENTRY %2 IS NOT DEFINED.

6692.6 *** USER FATAL MESSAGE 6692 (GP4RS1)
BULK DATA ENTRY RSSCON CAN NOT FIND ELEMENT IDS,
USER ACTION: CHECK SUPERELEMENT STRUCTURE.

6693.0 *** USER FATAL MESSAGE 6693 (GP4RS3)
GRID POINT %1 WHICH IS REFERENCED ON RSSCON BULK DATA ENTRY ID = %2 IS NOT DEFINED.

6694.0 *** USER FATAL MESSAGE 6694 (GP4RS4)
RSSCON CAUSES CONFLICTING ROTATIONAL CONSTRAINTS AT SHELL GRID POINT %1

6695.0 *** USER FATAL MESSAGE 6695 (%1)
RSSCON NUMBER %1 WILL MPC ONLY GRID %2 OF %3 ELEMENT %4 TO %5 ELEMENT %6
IT WILL NOT MPC GRID%7; THE CORNER SHELL GRIDS MUST LIE ON OPPOSITE EDGES OF A FACE OF THE SOLID ELEMENT.

6695.1 *** USER FATAL MESSAGE 6695 (GP4RCD)
RSSCON %1 CANNOT CONNECT SHELL GRID POINT %2 : USER ACTION, CHECK THE GEOMETRY

6696.0 *** SYSTEM FATAL MESSAGE 6696 (RSSCND)
RSSCON BULK DATA ENTRY %1 WITH FEEDGE ID %2
REFERS TO FEEDGE WITH %3 INSTEAD OF THE %4 REQUIRED DEGREES OF FREEDOM.

6697.0 *** SYSTEM FATAL MESSAGE 6697 (RSSCND)
RSSCON BULK DATA ENTRY %1 HAS EDGES WITH INCONSISTENT POLYNOMIAL ORDERS %2 %3 %4.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6697.1 *** USER FATAL MESSAGE 6697 (RSSCND)
AUTOMPC CANNOT BE USE IN CONJUNCTION WITH RSSCON ELEMENT %1

6698.0 *** SYSTEM FATAL MESSAGE 6698 (TWOEDG)
CANNOT FIND COMMON GRID AMONG %1 %2 %3 %4 ON ELEMENT ID %5.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6699.0 A SINGLE PRECISION INPUT MATRIX %1 CANNOT BE PROCESSED ON THIS TYPE MACHINE
WHICH IS DOUBLE PRECISION.

6699.1 A DOUBLE PRECISION INPUT MATRIX %1 CANNOT BE PROCESSED ON THIS TYPE MACHINE
WHICH IS SINGLE PRECISION.

6700.0 *** USER WARNING MESSAGE 6700 (FRRD2)
A FREQUENCY RESPONSE SOLUTION AT THIS EXCITATION FREQUENCY IS NOT POSSIBLE.
USER INFORMATION: NO SOLUTION WAS POSSIBLE AT THIS FREQUENCY DUE TO A POSSIBLE
SINGULARITY IN THE COMBINED STIFFNESS, MASS, AND DAMPING MATRIX.

6700.1 *** USER WARNING MESSAGE 6700 (FRRD2)
A FREQUENCY RESPONSE SOLUTION AT EXCITATION FREQUENCY=0.0 IS NOT POSSIBLE.
USER INFORMATION: THE LIKELY CAUSE IS UNRESTRAINED RIGID BODY MODES.

NO SOLUTION WAS ATTEMPTED AT FREQUENCY=0.0

6701.0 *** USER WARNING MESSAGE 6701 (IFS1P)
BIT, SA, AND SB ARE SPECIFIED FOR CBEAM ELEMENT %1.
USER INFORMATION: SA,SB WILL BE IGNORED.

6701.1 *** USER WARNING MESSAGE 6701
THE MAXIMUM GAP OF %1 BETWEEN A BOUNDARY AND
INTERFACE ELEMENT EXCEEDS THE TOLERANCE ON THE PINTC
ENTRY.
USER INFORMATION: THE BOUNDARY IS DEFINED ON GMBNDC
BULK DATA ENTRY=%2 AND
INTERFACE ELEMENT ON GMINTC BULK DATA ENTRY=%3.

6701.3 *** USER WARNING MESSAGE 6701 (EIFOED)
THE MAXIMUM GAP OF %1 BETWEEN A BOUNDARY AND
INTERFACE ELEMENT EXCEEDS THE TOLERANCE ON THE PINTS
ENTRY.
USER INFORMATION: THE BOUNDARY IS DEFINED ON GMBNDS
BULK DATA ENTRY=%2 AND
INTERFACE ELEMENT ON GMINTS BULK DATA ENTRY=%3.

6702.2 *** USER WARNING MESSAGE 6702 (EINPED)
A BOUNDARY END POINT DOES NOT MATCH THE
CORRESPONDING INTERFACE ELEMENT END POINT.
USER INFORMATION: THE BOUNDARY IS DEFINED ON GMBNDC
BULK DATA ENTRY=%1 AND
INTERFACE ELEMENT ON GMINTC BULK DATA ENTRY=%2.

6702.3 *** USER WARNING MESSAGE 6702 (EINOED)
A BOUNDARY END POINT DOES NOT MATCH THE
CORRESPONDING INTERFACE ELEMENT END POINT.
USER INFORMATION: THE BOUNDARY IS DEFINED ON GMBNDC
BULK DATA ENTRY=%1 AND
INTERFACE ELEMENT ON GMINTC BULK DATA ENTRY=%2.

6702.4 *** USER WARNING MESSAGE 6702 (EIFOED)
SOME POINTS ON THIS INTERFACE ELEMENT DO NOT COINCIDE
WITH POINTS ON A BOUNDARY.
USER INFORMATION: THE BOUNDARY IS DEFINED ON GMBNDS
BULK DATA ENTRY=%1 AND
INTERFACE ELEMENT ON GMINTS BULK DATA ENTRY=%2.

6703.0 *** SYSTEM FATAL MESSAGE 6703 (SSMB1D)
INTERNAL POINTER ERROR: BAD FRONT SIZE CALCULATIONS ON
SPLIT 2X2.
FRONT ARRAY WILL CONTAIN INVALID TERMS.

6703.1 *** USER WARNING MESSAGE 6703 (EINPED)
THE LENGTH OF AN ELEMENT'S EDGE ON A BOUNDARY IS SMALL
ENOUGH TO CAUSE NUMERICAL INSTABILITY.
USER INFORMATION: THE BOUNDARY IS DEFINED ON GMBNDC

BULK DATA ENTRY=%1 AND
INTERFACE ELEMENT ON GMINTC BULK DATA ENTRY=%2.

6703.2 *** USER WARNING MESSAGE 6703 (EINOED)
THE LENGTH OF AN ELEMENT'S EDGE ON A BOUNDARY IS SMALL ENOUGH TO CAUSE NUMERICAL INSTABILITY.
USER INFORMATION: THE BOUNDARY IS DEFINED ON GMBNDC BULK DATA ENTRY=%1 AND
INTERFACE ELEMENT ON GMINTC BULK DATA ENTRY=%2.

6704.0 *** SYSTEM FATAL MESSAGE 6704 (DFMFCD)
LOGIC ERROR%1 IN NUMERIC PHASE OF SPARSE DECOMPOSITION.
USER ACTION: INCREASE MEMORY BY%2 WORDS.

6705.0 *** SYSTEM WARNING MESSAGE 6705 (DFMAGC)
LOGIC ERROR 2 IN SYMBOLIC PHASE OF SPARSE DECOMPOSITION
USER INFORMATION: PERFORMANCE MAY BE DEGRADED AND/OR MORE MEMORY MAY BE
REQUIRED IF THE MATRIX HAS NOT BEEN RESEQUENCED PROPERLY

6705.2 *** SYSTEM WARNING MESSAGE 6705 (DFMASK)
LOGIC ERROR 3 IN SYMBOLIC PHASE OF SPARSE DECOMPOSITION
USER INFORMATION: PERFORMANCE MAY BE DEGRADED AND/OR MORE MEMORY MAY BE
REQUIRED IF THE MATRIX HAS NOT BEEN RESEQUENCED PROPERLY

6705.3 *** SYSTEM WARNING MESSAGE 6705 (DFMSYA)
LOGIC ERROR 1 IN SYMBOLIC PHASE OF SPARSE DECOMPOSITION.
USER INFORMATION: PERFORMANCE MAY BE DEGRADED AND/OR MORE MEMORY MAY BE
REQUIRED IF THE MATRIX HAS NOT BEEN RESEQUENCED PROPERLY.

6706.0 *** SYSTEM FATAL MESSAGE 6706 (PARAML)
PARAML OPTION P1=%1 IS NOT VALID.

6707.0 *** SYSTEM FATAL MESSAGE 6707 (PARAML)
THE PARAML MODULE WITH P1=DTI DETECTS A STRING RECORD.

6708.0 *** USER FATAL MESSAGE 6708 (EBTMPD)
CBEAM ELEMENT %1 DOES NOT HAVE ITS TEMPERATURE SPECIFIED ON TEMP, TEMPD, TEMPF OR TEMPRB BULK DATA ENTRIES.
USER INFORMATION: P-VERSION CBEAM ELEMENTS CAN ONLY HAVE THEIR TEMPERATURES SO SPECIFIED.

6709.0 THE FIFTH INPUT DMAP PARAMETER (VECTOR DEPENDENCY TOLERANCE) IS GREATER THAN ONE.

USER INFORMATION: RESULTS MAY BE IMPLAUSIBLE.

6710.0 *** SYSTEM FATAL MESSAGE 6710 (TAFF)
THE %1 INPUT PARAMETER TO MODULE TAFF REFERENCES AN UNDEFINED LOAD SET ID.

6710.1 *** SYSTEM FATAL MESSAGE 6710 (KFRFC)
AN UNDEFINED LOAD SET ID %1 HAS BEEN INPUT TO SUBROUTINE %2 .
This message may be generated by the subroutine KFRFC when the case control LOAD card references only SPCD cards. If this is the case, this message can be ignored as there are no follower forces associated with SPCD loading.

6711.0 *** SYSTEM WARNING MESSAGE 6711 (TAFF)
THE INTERNAL ELEMENT ID = %1 EXCEEDS THE UPPER LIMIT DEFINED BY SYSTEM CELL(183).

6712.0 *** SYSTEM FATAL MESSAGE 6712 (SBUT7)
TOTAL NUMBER OF BIC RECORDS TO BE WRITTEN ON SCRATCH (NRCA+NRCU = %1) IS LARGER THAN MAXIMUM
NUMBER ALLOWED (MAXBLK = %2).
USER ACTION: INCREASE MEMORY SIGNIFICANTLY.

6713.0 *** SYSTEM FATAL MESSAGE 6713 (SBUT7)
THE MATRIX NEEDS TO BE UPDATED AT THIS STAGE, HOWEVER, THE BIC RECORD NUMBER TO BE READ
(NBLOCK = %1) IS GREATER THAN THE NUMBER OF BIC RECORDS IN THE MATRIX (NRECA = %2).
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6713.1 *** SYSTEM FATAL MESSAGE 6713 (SBUT33)
ERROR IN WRITING TO MATRIX SCRATCH FILE (ISTAT = %1).
BLOCK %2 DOES NOT BELONG TO MATRIX
WHICH HAS ONLY %3 BLOCKS.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6713.2 *** SYSTEM FATAL MESSAGE 6713 (SBUT33)
ERROR IN WRITING TO FACTOR SCRATCH FILE (ISTAT = %1).
BLOCK %2 DOES NOT BELONG TO FACTOR.
FACTOR BLOCKS SHOULD BE IN THE RANGE %3 TO %4.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6713.3 *** SYSTEM FATAL MESSAGE 6713 (SBUT34)
ERROR IN READING FROM MATRIX SCRATCH FILE (ISTAT = %1).
BLOCK %2 DOES NOT BELONG TO MATRIX
WHICH HAS ONLY %3 BLOCKS.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6713.4 *** SYSTEM FATAL MESSAGE 6713 (SBUT34)
ERROR IN READING FROM FACTOR SCRATCH FILE (ISTAT = %1).
BLOCK %2 DOES NOT BELONG TO FACTOR.
FACTOR BLOCKS SHOULD BE IN THE RANGE %3 TO %4.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6713.5 *** SYSTEM FATAL MESSAGE 6713 (SBUT34)
ERROR IN SPILL LOGIC WHILE READING FROM FACTOR SCRATCH FILE (ISTAT = %1). BLOCK %2 SHOULD
BE IN MEMORY THE FIRST SPILLED BLOCK IS %3.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6713.6 *** SYSTEM FATAL MESSAGE 6713 (SBUT34)
| ERROR IN SPILL LOGIC WHILE READING FROM MATRIX SCRATCH FILE (ISTAT = %1). BLOCK %2 SHOULD
| BE IN MEMORY THE FIRST SPILLED BLOCK IS %3.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6714.0 *** USER FATAL MESSAGE 6714 (FA1)
FLUTTER ENTRY ID = %1 WITH METHOD = PKNL REFERENCES FLFACT ENTRIES WHICH DO NOT HAVE THE SAME
NUMBER OF DENSITY RATIOS, MACH NUMBERS AND VELOCITIES

6714.1 *** USER FATAL MESSAGE 6714 (dopr3b)
dresp1 entry = %1 WITH METHOD = PKNL REFERENCES FLFACT ENTRIES WHICH DO NOT HAVE THE SAME
NUMBER OF DENSITY RATIOS, MACH NUMBERS AND VELOCITIES

6715.0 *** SYSTEM WARNING MESSAGE 6715
THERE IS A ZERO DIAGONAL TERM IN COLUMN %1 OF DATA BLOCK %2 WHICH WILL BE REPLACED BY 1.0
IN THE PRECONDITIONER.
USER ACTION: IT MAY BE BETTER TO USE CHOLESKY PRECONDITIONING (PRECOND=C ON ITER BULK DATA ENTRY) OR THE DIRECT SOLVER (ITER=NO ON NASTRAN STATEMENT) FOR THIS PROBLEM.

6715.2 *** SYSTEM FATAL MESSAGE 6715
THERE IS A ZERO DIAGONAL TERM IN COLUMN %1 OF DATA BLOCK %2.
USER ACTION: THE CONJUGATE GRADIENT METHOD CANNOT BE USED FOR THIS PROBLEM. USE
THE DIRECT METHOD BY SPECIFYING ITER=NO ON THE NASTRAN STATEMENT.

6715.4 *** SYSTEM WARNING MESSAGE 6715
THERE IS A ZERO DIAGONAL TERM IN COLUMN %1 OF DATA BLOCK %2 WHICH WILL BE REPLACED BY 1.0

IN THE PRECONDITIONER.
USER ACTION: IT MAY BE BETTER TO USE CHOLESKY PRECONDITIONING (PRECOND=C ON ITER BULK DATA ENTRY) OR THE DIRECT SOLVER (ITER=NO ON NASTRAN STATEMENT) FOR THIS PROBLEM.

6715.6 *** USER FATAL MESSAGE 6715
THERE IS NO DYNAMIC VISCOSITY SPECIFIED ON THE MAT4 ENTRY FOR CONVM ELEMENT %1.
USER INFORMATION: FORCED CONVECTION ELEMENTS REQUIRE SPECIFICATION OF DYNAMIC VISCOSITY
ON A MAT4 ENTRY IF ON THE PCONVM ENTRY THE REYNOLDS NUMBER CONVECTION EXPONENT
IS GREATER THAN THE PRANDTL NUMBER CONVECTION EXPONENT.

6716.0 *** USER FATAL MESSAGE 6716 (NCNVMD)
THERE IS NO THERMAL CONDUCTIVITY SPECIFIED ON THE MAT4 ENTRY FOR CONVM ELEMENT %1.
USER INFORMATION: FORCED CONVECTION ELEMENTS REQUIRE CONDUCTIVITY ON A MAT4 ENTRY IF ON THE PCONVM ENTRY THE PRANDTL NUMBER CONVECTION EXPONENT IS GREATER THAN ZERO IF FORM=0 AND GREATER THAN ONE IF FORM=1 .

6718.0 *** SYSTEM FATAL MESSAGE 6718 (FRSAD5)
READ ERROR ON MERGED INDEX FILE %1

6719.0 *** SYSTEM FATAL MESSAGE 6719
MATRICES HAVE DIFFERING NUMBERS OF COLUMNS:
[A] = %1 x %2 [B] = %3 x %4 [C] = %5 x %6 [D] = %7 x %8

6719.1 *** SYSTEM FATAL MESSAGE 6719
MATRICES HAVE DIFFERING NUMBERS OF ROWS:
[A] = %1 x %2 [B] = %3 x %4 [C] = %5 x %6 [D] = %7 x %8

6720.0 *** USER WARNING MESSAGE 6720 (REIGL)
FOR LANCZOS EIGENVALUE ANALYSIS, THERE IS AN INCORRECT RELATIONSHIP BETWEEN SEGMENT BOUNDARIES.
A HEURISTIC DISTRIBUTION WILL BE USED.

6721.0 *** USER FATAL MESSAGE 6721 (XSBFF)
THE BULK DATA ENTRY FOLLOWING CONTAINS BOTH ENTRY DUPLICATOR AND FIELD REPLICATOR INFORMATION.
USER INFORMATION:
BULK ENTRY: %1
THE REPLICATOR INFORMATION ON THIS ENTRY IS IGNORED AND
EXISTING REPLICATOR INFORMATION, IF ANY, HAS BEEN RESET
IN ORDER TO RUN THE JOB, EITHER:
A. SPECIFY NASTRAN MESH IN THE FILE MANAGEMENT SECTION
B. REPLACE THE ENTRY WITH TWO ENTRIES:

THE FIRST ENTRY CONTAINS REPLICATOR FIELDS, AND THE SECOND ENTRY CONTAINS THE ENTRY DUPLICATOR.

6722.0 *** USER WARNING MESSAGE 6722 (EPLDXD)
THE DIRECTION VECTOR OF PLOADX1 LOADING TYPE IS NOT NORMAL TO SURFACE.
USER INFORMATION : FOLLOWER FORCE STIFFNESS DOES NOT INCLUDE THE EFFECTS OF THE COMPONENT TANGENTIAL TO THE SURFACE.

6722.1 *** USER WARNING MESSAGE 6722 (EPLDE)
THE DIRECTION VECTOR OF PLOADE1 LOADING TYPE IS NOT NORMAL TO SURFACE.
USER INFORMATION : FOLLOWER FORCE STIFFNESS DOES NOT INCLUDE THE EFFECTS OF THE COMPONENT TANGENTIAL TO THE SURFACE.

6723.0 *** SYSTEM FATAL MESSAGE 6723
NON-POSITIVE DIAGONAL ELEMENT IN SCALAR ROW %1
USER ACTION: INCREASE IPAD VALUE ON BULK DATA ENTRY ITER.

6723.1 *** USER FATAL MESSAGE 6723
NON-POSITIVE DIAGONAL ELEMENT IN SCALAR ROW %1
USER ACTION: INCREASE IPAD VALUE ON BULK DATA CARD ITER.

6724.0 *** USER FATAL MESSAGE 6724
TOO MANY RESTARTS.
USER ACTION: INCREASE IPAD VALUE ON BULK DATA CARD ITER.

6724.1 *** SYSTEM FATAL MESSAGE 6724
TOO MANY RESTARTS.
USER ACTION: INCREASE IPAD VALUE ON BULK DATA ENTRY ITER.

6725.0 *** USER INFORMATION MESSAGE 6725 (SB2RM)
NEGATIVE PIVOTING TERM IN SCALAR ROW %1. IC-PRECONDITIONING HAS BEEN RESTARTED.

6726.0 *** SYSTEM INFORMATION MESSAGE 6726
INTERNAL ITERATIVE LOOP DOES NOT CONVERGE.
USER ACTION: INCREASE VALUE OF IPAD PARAMETER.

6727.0 *** SYSTEM FATAL MESSAGE 6727 (SB50CD)
INCOMPATIBLE DISTRIBUTION OF THE LEFT STACK.

6728.0 *** SYSTEM FATAL MESSAGE 6728 (SB51RD)
ZERO PIVOTING ELEMENT IN ROW %1.

6731.0 *** SYSTEM FATAL MESSAGE 6731 (SPCGRD)
ZERO DIAGONAL TERM IN ROW %1.

6731.1 ***USER WARNING MESSAGE 6731
ROW%1 OF LOWER TRIANGULAR FACTOR HAS DIAGONAL TERM
= 0(OR .LT. 0 IF CHOLESKY)

6732.0 *** SYSTEM FATAL MESSAGE 6732
ZERO DIAGONAL ELEMENT IN SCALAR ROW %1 .

6733.0 *** SYSTEM FATAL MESSAGE 6733 (SBUT14)
EMPTY MINIMUM DEGREE=2.

6734.0 *** SYSTEM FATAL MESSAGE 6734 (SBUT14)
INVALID DEGREE = %1 OF NODE %2 FROM DEGREE 2 QUEUE.

6735.0 *** SYSTEM FATAL MESSAGE 6735 (SBUT14)
INCONSISTENCY: LAST ELEMENT OF DEGREE %1 IS %2, WHILE %3
HAS NO SUBSEQUENT NODES.

6736.0 *** SYSTEM FATAL MESSAGE 6736 (SBUT14)
INCONSISTENCY: FIRST ELEMENT OF DEGREE %1 IS %2, WHILE
%3 HAS NO PRECEDENT NODES.

6737.0 *** SYSTEM FATAL MESSAGE 6737 (SBUT14)
INCONSISTENT DEGREE %1

6738.0 *** SYSTEM FATAL MESSAGE 6738 (SBUT14)
INCONSISTENT FIRST NODE %1 OF DEGREE %2

6739.0 *** SYSTEM FATAL MESSAGE 6739 (SBUT14)
INVALID NODE IMIND = %1 (K = %2)
SEARCHED LEVEL RANGE IS %3 - %4 (%5 NODES)
DEPTH %6
MINIMUM DEGREE %7
NUM. UNORDERED %8

6740.0 *** SYSTEM FATAL MESSAGE 6740 (SBUT7)
ERROR WHILE READING BIC RECORD %1 FROM SCRATCH FILE
%2. INSTEAD OF THE
REQUESTED %3 WORDS, ONLY %4 WERE READ.

6740.1 *** SYSTEM FATAL MESSAGE 6740 (SBUT34)
ERROR WHILE READING BIC RECORD %1 FROM SCRATCH FILE
%2. END OF FILE
WAS ENCOUNTERED BY THIS READ OPERATION.

6741.0 *** SYSTEM FATAL MESSAGE 6741 (SBUT18)
NEGATIVE LENGTH OF OPEN CORE ARRAY: %1
USER ACTION: INCREASE MEMORY.

6742.0 *** SYSTEM FATAL MESSAGE 6742 (SBUT2)
INVALID INPUT VECTOR LFRAGM.

6743.0 *** SYSTEM FATAL MESSAGE 6743 (SBUT2)
INPUT DESCRIPTOR CONTAINS AN ERROR.

6744.0 *** SYSTEM FATAL MESSAGE 6744 (SBUT3)
INCONSISTENCY IN INPUT DATA: MATRIX DIMENSION IS %1 BY

DESCRIPTOR AND %2 BY
MATRIX TRAILER.

6745.0 *** SYSTEM FATAL MESSAGE 6745 (SBUT3):
INVALID INPUT DESCRIPTOR TYPE.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6746.0 *** SYSTEM FATAL MESSAGE 6746 (SBUT6)
SCALAR MODE IS NOT VALID FOR COMPLEX PROBLEMS.

6747.0 *** SYSTEM FATAL MESSAGE 6747 (SBUT6)
ERROR IN SYMBOLIC OUT-OF-CORE BRANCH. GRF11F IS NOT AVAILABLE.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6748.0 *** SYSTEM FATAL MESSAGE 6748 (SBUT6)
ERROR IN SYMBOLIC OUT-OF-CORE BRANCH. GRF13F IS NOT AVAILABLE.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6749.0 *** USER FATAL MESSAGE 6749 (GECINT)
THE GMINTC ELEMENT ID = %1 ONLY CONNECTS GMBNDC BOUNDARY ID = %2.

6749.1 *** USER FATAL MESSAGE 6749 (GESINT)
THE GMINTS ELEMENT ID = %1 ONLY CONNECTS GMBNDC BOUNDARY ID = %2.

6750.0 *** USER FATAL MESSAGE 6750 (GECINT)
THE GMINTC ELEMENT ID = %1 CONNECTS GMBNDC BOUNDARY ID = %2 TO ITSELF.

6750.1 *** USER FATAL MESSAGE 6750 (GESINT)
THE GMINTS ELEMENT ID = %1 CONNECTS GMBNDC BOUNDARY ID = %2 TO ITSELF.

6751.0 *** USER WARNING MESSAGE 6751 (GP4RS3)
FIELDS %1 ON RSSCON BULK DATA ENTRY ID %2 DUPLICATE FIELDS ON A PREVIOUS ENTRY. THESE FIELDS WILL BE IGNORED.

6752.0 *** USER INFORMATION MESSAGE 6752 (GP4RS3)
THE ROTATIONAL CONSTRAINTS FOR SHELL GRID POINTS %1 AND %2 WILL BE AVERAGED
BECAUSE SOLID GRID POINT %3 IS SPECIFIED MORE THAN ONCE ON RSSCON BULK DATA ENTRIES.

6753.0 *** USER FATAL MESSAGE 6753 (EINPED)
THE DIRECTION FROM THE INITIAL TO THE FINAL GRID OF GMBNDC BOUNDARY ID = %1 IS OPPOSITE THE DIRECTION OF GMINTC ELEMENT ID = %2.

6754.0 *** USER FATAL MESSAGE 6754 (GP1C)
NO GRID POINTS DEFINED FOR CORD1I ENTRIES IN SUPERELEMENT %1

6755.0 *** USER FATAL MESSAGE 6755 (SEP1X)
CERTAIN SUPERELEMENT RELATED BULK DATA ENTRIES MAY NOT APPEAR IN MAIN BULK DATA SECTION.
USER INFORMATION:
ONE OR MORE OF THE FOLLOWING ENTRIES APPEAR IN THE MAIN BULK DATA SECTION.
%1 %2 %3 %4 %5 %6

6755.1 *** USER FATAL MESSAGE 6755 (IFPVAL)
%1 SUPERELEMENT RELATED BULK DATA ENTRIES MAY NOT APPEAR IN %2 BULK DATA SECTIONS.
USER INFORMATION:
ONE OR MORE OF THE FOLLOWING %3 BULK DATA ENTRIES APPEAR IN THE %4 BULK DATA SECTION: WITH SEID = %5

6756.0 *** SYSTEM FATAL MESSAGE 6756 (SEP1X)
THE MAXIMUM NUMBER OF SUPERELEMENTS IS LIMITED TO 32767, WHICH HAS BEEN EXCEEDED.

6757.0 *** USER FATAL MESSAGE 6757 (SEP1X)
SUPERELEMENTS ARE DEFINED BUT NO BOUNDARY POINTS WERE DETECTED BETWEEN THE SUPERELEMENTS.

6758.0 *** USER FATAL MESSAGE 6758 (SEPRSC)
GRID POINT %1 IS REFERENCED ON THE EXTERN ENTRY BUT IS NOT CONNECTED TO THE DOWNSTREAM SUPERELEMENT.

6758.1 *** USER WARNING MESSAGE 6758 (SEPEXT)
THE FOLLOWING GRID OR SCALAR POINTS ARE REFERENCED ON THE EXTRN BULK DATA ENTRY FOR SUPERELEMENT %1
BUT ARE NOT CONNECTED TO THE DOWNSTREAM SUPERELEMENT.

6759.0 *** USER FATAL MESSAGE 6759 (SEP2MP)
SCALAR POINT %1 IS SPECIFIED WITH A NONZERO DEGREE OF FREEDOM ON THE EXTERN ENTRY.

6760.0 *** USER FATAL MESSAGE 6760 (SEP2MP)
EXTRN GRID %1 NOT LOCATED AS PART OF THE SUPERELEMENT BOUNDARY.

6761.0 *** SYSTEM FATAL MESSAGE 6761 (SEP2X)
SUPERELEMENT %1 CAN NOT BE FOUND IN THE SEMAP.

6762.0 *** SYSTEM FATAL MESSAGE 6762 (SEP2X)
BOUNDARY %1(%2) NOT FOUND IN THE SEMAP RECORD 2.

6763.0 *** USER WARNING MESSAGE 6763 (SEPAQN)
OMITi ENTRIES ARE SPECIFIED FOR SUPERELEMENT %1 USER INFORMATION: THE OMITi ENTRIES WILL BE IGNORED.

6764.0 *** USER FATAL MESSAGE 6764 (SEPAQN)
THE VALUE SPECIFIED FOR USER PARAMETER NQSET (AUTOMATIC Q-SET GENERATION) EXCEEDS THE MAXIMUM ALLOWED PER SUPERELEMENT.

6765.0 *** USER FATAL MESSAGE 6765 (SEPAQN)
THE VALUE SPECIFIED FOR NQSET (AUTOMATIC Q-SET GENERATION) ON THE SENQSET ENTRY EXCEEDS MAXIMUM ALLOWED PER SUPERELEMENT.

6766.0 *** USER WARNING MESSAGE 6766 (SEPBLK)
THE SEBULK ENTRY FOR COLLECTOR SUPERELEMENT %1 ALSO REFERENCES A PRIMARY SUPERELEMENT.

6767.0 *** USER FATAL MESSAGE 6767 (SEPBLK)
COLLECTOR SUPERELEMENT %1 IS ALSO DEFINED AS A PRIMARY SUPERELEMENT VIA THE BEGIN SUPER, SESET, OR SEELT ENTRIES.

6768.0 *** USER FATAL MESSAGE 6768 (SEPBLK)
THE SEBULK ENTRY FOR MIRROR SUPERELEMENT %1 DOES NOT REFERENCE A PRIMARY SUPERELEMENT.

6768.1 *** USER FATAL MESSAGE 6768 (SEPBLK)
SEBULK ENTRY FOR EXTERNAL SUPERELEMENT %1 DOES NOT REFERENCE A PRIMARY SUPERELEMENT.

6768.2 *** USER FATAL MESSAGE 6768 (SEPBLK)
THE SEBULK ENTRY FOR REPEATED SUPERELEMENT %1 DOES NOT REFERENCE A PRIMARY SUPERELEMENT.

6769.0 *** USER FATAL MESSAGE 6769 (SEPBLK)
MIRRORED SUPERELEMENT %1 REFERENCES AN UNDEFINED PRIMARY SUPERELEMENT.

6769.1 *** USER FATAL MESSAGE 6769 (SEPBLK)
REPEATED SUPERELEMENT %1 REFERENCES AN UNDEFINED PRIMARY SUPERELEMENT.

6770.0 *** USER FATAL MESSAGE 6770 (SEPBLK)
MIRRORED SUPERELEMENT %1 REFERENCES AN UNDEFINED SEMPLN ENTRY.

6771.0 *** SYSTEM FATAL MESSAGE 6771 (SEPES3)
MAIN BULK ELEMENT %1 DID NOT RESOLVE TO A SUPERELEMENT INDEX

6772.0 *** USER FATAL MESSAGE 6772 (SEPET1)
SUPERELEMENT %1 IS DEFINED IN BOTH THE MAIN BULK DATA SECTION AND IN A PARTITIONED BULK DATA SECTION, OR IN A DBLOCATED SECTION.

6773.0 *** USER FATAL MESSAGE 6773 (SEPET2)
THE ELEMENT ID THRU RANGES ON THE SEELT ENTRIES

OVERLAP BETWEEN SUPERELEMENT %1 GRID %2
AND SUPERELMENT %3 GRID %4.

6774.0 *** USER WARNING MESSAGE 6774 (SEPET3)
ONE OR MORE ELEMENTS HAVE CONFLICTS BETWEEN
GRID/SESET ENTRY SPECIFICATIONS,
STARTING WITH %1 ELEMENT %2 REFERENCE GRID %3

6775.0 *** USER FATAL MESSAGE 6775 (SEPLOC)
THE SELOC ENTRY IS UNDEFINED FOR SUPERELEMENT %1

6775.1 *** USER FATAL MESSAGE 6775 (SEPLOC)
THE SEMPLN ENTRY IS UNDEFINED FOR SUPERELEMENT %1.

6776.0 *** USER FATAL MESSAGE 6776 (SEPLOC)
BAD GEOMETRY ENCOUNTERED FOR SEMPLN ENTRY AND
SUPERELEMENT %1
USER INFORMATION: RETURN CODE =%2.
1: GRID POINTS APPEAR TO BE COINCIDENT.
2: ATTACHMENT DOES NOT APPEAR TO BE CONGRUENT.
3: GRID POINTS APPEAR TO BE NOT COPLANAR.

6777.0 *** USER FATAL MESSAGE 6777 (SEPLOC)
FOR SELOC ENTRY PROCESSING, GRID OR POINT %1 CANNOT BE
FOUND FOR SUPERELEMENT %2.

6778.0 *** USER WARNING MESSAGE 6778 (SEPMA1)
%1 ENTRY FOR SUPERELEMENT %2 CONFLICTS WITH MANUAL
BOUNDARY CONNECTION SELECTION ON THE SEBULK ENTRY.

6779.0 *** USER WARNING MESSAGE 6779 (SEPMAB)
THE SEID FIELD ON THE GRID ENTRIES IS SPECIFIED IN
PARTITIONED ENTRIES SUBSTRUCTURE %1 WILL BE IGNORED

6780.0 *** USER FATAL MESSAGE 6780 (SEPSUP)
INVALID METHOD SPECIFIED FOR SEARCH FOR OVER-RIDE
PARAMETER.

6780.1 *** SYSTEM FATAL MESSAGE 6780
FILE POSITIONING ERROR, MEMORY SEID %1 FILE SEID %2

6781.0 *** USER FATAL MESSAGE 6781 (SEPMC1)
SUPERELEMENT %1 REFERENCES ITSELF ON SECONCT ENTRY

6782.0 *** USER FATAL MESSAGE 6782 (SEPMC2)
THE FOLLOWING GRIDS OR SCALAR POINTS SPECIFIED ON
SECONCT ENTRIES COULD NOT BE LOCATED IN SUPERELEMENT
%1
%2

6783.0 *** USER FATAL MESSAGE 6783 (SEPMC2)
THE SECONCT ENTRY SPECIFIED BETWEEN SUPERELEMENTS %1,
%2 AND GRIDS %3, %4 IS NOT WITHIN TOLERANCE.
ACCEPTANCE TOLERANCE %5, GRID VECTOR TOLERANCE %6

6784.0 *** USER FATAL MESSAGE 6784 (SEPMC2)
SECONCT BETWEEN SUPERELEMENTS %1, %2 AND GRIDS %3, %4 ARE NOT OF THE SAME TYPE.

6785.0 *** USER FATAL MESSAGE 6785 (SEPMC3)
THE SECONCT ENTRY SPECIFIES A CONFLICT BETWEEN SUPERELEMENT %1 GRID %2
AND SUPERELEMENT %3 GRIDS %4.

6786.0 *** SYSTEM FATAL MESSAGE 6786 (SEPMEP)
SUPERELEMENT %1 DURING CONVERSION LOOP WAS NOT LOCATED IN MEMORY RESIDENT TABLE, LOGIC ERROR.

6787.0 *** USER FATAL MESSAGE 6787 (SEPMM2)
GRID %1 IN SUPERELEMENT %2 IS SPECIFIED ON BOTH SEEXCLD AND SECONCT ENTRIES.

6788.0 *** USER FATAL MESSAGE 6788 (SEPMM3)
THE FOLLOWING GRID POINTS IN SUPERELEMENT %1 ARE SPECIFIED ON BOTH SEEXCLD AND SEBNDRY ENTRIES.

6788.1 *** USER FATAL MESSAGE 6788 (SEPMSF)
SUPERELEMENT %1 GRID %2 AND SUPERELEMENT %3 GRID %4 HAVE CONFLICTING MANUAL DIRECTIVES.

6789.0 *** USER FATAL MESSAGE 6789 (SEPMQ1)
GRID %1 REFERENCED IN %2 ENTRY IN SUPERELEMENT %3
USER INFORMATION: ONLY SCALAR POINTS MAY BE REFERENCED ON %4 ENTRIES

6790.0 *** USER FATAL MESSAGE 6790 (SEPO21)
THE FOLLOWING SUPERELEMENTS ARE DETACHED:
%1
%2
%3
%4
%5
%6
%7
%8
%9
%10
%11
%12
%13
%14
%15
%16

6790.1 *** USER FATAL MESSAGE 6790 (SEPMQ1)
GRID POINT %1 SPECIFIED ON %2 IS NOT DEFINED FOR SUPERELEMENT %3.

6791.0 *** SYSTEM FATAL MESSAGE 6791 (SEPO22)
ALIGNMENT FAILURE FOR AUTO-QSET %1 TO THE LOCAL SEMAP MEMORY TABLE.

6792.0 *** USER WARNING MESSAGE 6792 (SEPOMT)
THE PERMANENT SET CONSTRAINT SPECIFICATION FOR BOUNDARY GRID %1 IN SUPERELEMENT %2
IS DIFFERENT FROM THE UPSTREAM SUPERELEMENT.
USER INFORMATION: THE PERMANENT SET CONSTRAINTS WILL BE UNIONED.

6793.0 *** SYSTEM FATAL MESSAGE 6793 (SEPRSC)
THE GENERATION OF SUPERELEMENT BOUNDARY GRIDS IS COLLIDING WITH THE GENERATION OF Q-SET IDENTIFICATION NUMBERS.

6794.0 *** USER FATAL MESSAGE 6794 (SEPSEB)
DUPLICATE BOUNDARY POINTS DETECTED CONNECTING TO SUPERELEMENT %1 AT GRID %2 FROM DOWNSTREAM %3.
LIST FOLLOWS:

6794.1 *** USER FATAL MESSAGE 6794 (SEPSEB)
DUPLICATE BOUNDARY POINTS DETECTED IN UPSTREAM SUPERELEMENT %1 WHILE SEARCHING %2 AT GRID %3.
LIST FOLLOWS:

6795.0 *** SYSTEM WARNING MESSAGE 6795 (SEPSEB)
NO BOUNDARY GRID POINTS WERE FOUND FOR SUPERELEMENT %1

6796.0 *** USER WARNING MESSAGE 6796 (SEPSEQ)
%1 ENTRY FOR GRID %2 IN SUPERELEMENT %3 CONFLICTS WITH SESET/GRID ENTRIES.

6797.0 *** USER WARNING MESSAGE 6797 (SEPSET)
NO GRID POINTS SPECIFIED ON SESET ENTRIES FOR SUPERELEMENT %1 CAN BE FOUND.

6798.0 *** USER WARNING MESSAGE 6798 (SEPTRE)
BOTH DTI,SETREE AND SETREE ENTRIES ARE SPECIFIED.
USER INFORMATION: THE DTI,SETREE ENTRY WILL BE IGNORED.

6800.0 *** USER FATAL MESSAGE 6800 (SEPTRE)
SUPERELEMENT %1 DEFINED IN MAIN BULK DATA SECTION IS UPSTREAM OF PARTITIONED BULK DATA SUPERELEMENT %2

6801.0 *** USER WARNING MESSAGE 6801 (SEPTRE)
ERRORS ENCOUNTERED IN THE SETREE, OR DTI,SETREE ENTRY.
USER INFORMATION: A SINGLE LEVEL TREE WILL BE ASSUMED.

6802.0 *** SYSTEM FATAL MESSAGE 6802 (SEPSUP)
SUPERELEMENT %1 HAS FAILED TO AUTOMATICALLY DERIVE A SEARCH KEY.
USER ACTION: REVIEW MODEL FOR REASONABLE GEOMETRY

AND SELECT SEARCH KEY VIA OVER-RIDE PARAMETER AND/OR REVIEW
GRID POINT LOCATIONS FOR REASONABLE GEOMETRY

6803.0 *** USER FATAL MESSAGE 6803 (BNDSP3)
ENFORCED DISPLACEMENTS ON SUPERELEMENT BOUNDARY POINTS ARE DETECTED AND SHOWN IN THE TABLE BELOW.
USER ACTION: MOVE THOSE SPCD OR SPC ENTRIES THAT ARE APPLIED ON BOUNDARY POINTS TO THE BULK DATA SECTION OF THE DOWNSTREAM SUPERELEMENT.

6804.0 *** SYSTEM FATAL MESSAGE 6804 (BNDSP3)
THE DISPLACEMENT COORDINATE SYSTEM (CD FIELD ON GRID ENTRY) SPECIFIED FOR BOUNDARY GRID ID %1 B
IN SUPERELEMENT %2 IS NOT CONGRUENT WITH DISPLACEMENT COORDINATE SYSTEMS IN OTHER CONNECTING SUPERELEMENTS.

6805.0 *** USER FATAL MESSAGE 6805 (BNDSP4)
BOUNDARY GRID ID = %1 B AND COMPONENT = %2 IS SPECIFIED ON AN SPCI ENTRY IN MORE THAN ONE SUPERELEMENT.
USER INFORMATION: THE COMPONENTS OF BOUNDARY GRID POINTS CAN ONLY BE SPECIFIED ONCE ON SPCI ENTRIES.

6805.1 *** USER FATAL MESSAGE 6805 (BNDSP4)
BOUNDARY GRID ID = %1 B IS SPECIFIED ON AN SPCI ENTRY IN MORE THAN ONE SUPERELEMENT.
USER INFORMATION: THE BOUNDARY GRID POINTS CAN ONLY BE SPECIFIED ONCE ON SPCI ENTRIES.

6806.0 *** SYSTEM FATAL MESSAGE 6806 (CURV)
RETURNED ERROR CONDITION %1, LOC CODE = %2, IN SUBROUTINE CURV%3, FILE NUM = %4
(NOTE ADDITIONAL MESSAGES.)

6807.0 *** USER WARNING MESSAGE 6807 (CURVIT)
LOCAL INTERPOLATION USING INDEPENDENT VALUES WITHIN RANGE OF THE %1-TH SORTED ORDER
GRID ID INVOLVED WITH RESPECT TO MATERIAL COORDINATE SYSTEM ID = %2 CAN NOT BE COMPLETED.
ILL-CONDITION MAY HAVE RESULTED FROM ALIGNMENT OF INDEPENDENT VALUE COORDINATES.
OUTPUT FOR THE GRID ID IN QUESTION WILL NOT APPEAR.

6808.0 *** USER WARNING MESSAGE 6808 (TAFEST)
METHOD %1 IS SPECIFIED ON THE RFORCE %2 BULK DATA ENTRY FOLLOWER FORCE EFFECTS ARE NOT COMPUTED FOR METHOD %1.
USER ACTION : SPECIFY METHOD=2 ON THE RFORCE ENTRY.

6809.0 *** USER FATAL MESSAGE 6809 (DOPR1I)
DVPREL%1 ENTRY %2 REFERENCES A DESIGN VARIABLE FOR A

TAPERED BEAM BUT ONLY ONE END IS
SPECIFIED ON THE REFERENCED PBEAM ENTRY.
USER ACTION: SPECIFY BOTH ENDS A AND B ON THE PBEAM
ENTRY FOR A TAPERED BEAM.

6810.0 *** SYSTEM WARNING MESSAGE 6810 (WRTTRL)
ATTEMPT TO WRITE MATRIX TRAILER ON %1 WITH TRAILER
WORD 7 GREATER THAN MBIT= %2.
PROGRAMMER INFORMATION: THE TRAILER WORD 7 NEEDS TO
BE INITIALIZED TO ZERO AND NOT MBIT TO HAVE
THE DENSITY AUTOMATICALLY COMPUTED.

6813.0 *** USER FATAL MESSAGE 6813 (A?)
FUNCTION NAME '%1' HAS BEEN USED ON BOTH SIDES OF THE
SAME EQUAL SIGN

6814.0 *** SYSTEM FATAL MESSAGE 6814 (SBSYM2)
REPEATED INDEX %1 AT FULL ROW %2 (NEW %3), 2ND PART.

6814.1 *** SYSTEM FATAL MESSAGE 6814 (SBSYM2)
REPEATED INDEX %1 AT FULL ROW %2 (NEW %3), 1ST PART.

6814.2 *** SYSTEM FATAL MESSAGE 6814 (SBSYM1)
REPEATED INDEX %1 AT FULL ROW %2 (NEW %3), 2ND PART.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE
CUSTOMER SUPPORT.

6814.3 *** SYSTEM FATAL MESSAGE 6814 (SBSYM1)
REPEATED INDEX %1 AT FULL ROW %2 (NEW %3), 1ST PART.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE
CUSTOMER SUPPORT.

6815.0 *** SYSTEM FATAL MESSAGE 6815 (SBSYM2)
FINAL MF = %1 # %2.

6816.0 *** SYSTEM FATAL MESSAGE 6816 (SBSYM5)
CRITICAL AMOUNT OF FREE SPACE AT THE BEGINNING OF
PROCESSING ROW %1.

6817.0 *** SYSTEM FATAL MESSAGE 6817 (SBSYM2)
ROW INDEX = %1 IS OUT OF RANGE, L = %2, IL=LBLEN+%3.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE
CUSTOMER SUPPORT.

6818.0 *** SYSTEM FATAL MESSAGE 6818
INCORRECT PERMUTATION VECTOR (DOUBLE-REFERENCE).
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE
CUSTOMER SUPPORT.

6818.1 *** SYSTEM FATAL MESSAGE 6818
INCORRECT PERMUTATION VECTOR (OUT-REFERENCE).
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE
CUSTOMER SUPPORT.

6818.2 *** SYSTEM FATAL MESSAGE 6818 (SBSYM6)
INVALID PERMUTATION PROCEDURE, B=%1 < L=%2.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6818.5 *** SYSTEM FATAL MESSAGE 6818
INCORRECT STRUCTURE OF THE PERMUTATION VECTOR.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6818.8 *** SYSTEM FATAL MESSAGE 6818 (SBSYM3)
INVALID PERMUTATION PROCEDURE, B=%1 < L=%2.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6819.0 *** SYSTEM FATAL MESSAGE 6819 (SBSYM6)
SPECIFIED BUFFER LENGTH = %1 IS TOO SMALL FOR A SINGLE ROW OF FACTOR MATRIX (NEEDS %2 WORDS).
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6819.1 *** SYSTEM FATAL MESSAGE 6819 (SBSYM6)
SPECIFIED BUFFER LENGTH = %1 IS TOO SMALL FOR A SINGLE ROW OF INPUT MATRIX (NEEDS %2 WORDS).
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6820.0 *** SYSTEM FATAL MESSAGE 6820 (SBSYM6)
INCORRECT STORAGE OF INFORMATION ABOUT RECORDS OF FACTOR FILE: L = %1, NRECU = %2.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6821.0 *** SYSTEM FATAL MESSAGE 6821 (SBSYM6)
THE LIST IS TOO LONG AT RECORD %1. THE OVERLAP IS %2 WORDS.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6822.0 *** SYSTEM FATAL MESSAGE 6822 (SBSYM5)
EMPTY DIAGONAL BLOCK IN ROW %1.

6823.0 *** SYSTEM FATAL MESSAGE 6823 (SBMEM)
INSUFFICIENT MEMORY IN SYMBOLIC PHASE OF ITERATIVE SOLVER.
USER ACTION: INCREASE MEMORY BY AT LEAST %1 K WORDS.

6824.0 *** USER WARNING MESSAGE 6824 (SITDRV)
REDUCED INCOMPLETE CHOLESKY (RIC) PRECONDITIONING FOR MODELS WITH MULTI-POINT CONSTRAINTS WAS REQUESTED FOR THE ITERATIVE SOLVER.
USER ACTION: FOR FASTER CONVERGENCE INCLUDE THE

ITRICA.V69 ALTER FROM THE SSSALTER LIBRARY.

6825.0 *** USER FATAL MESSAGE 6825 (DPD6)
YOU HAVE SPECIFIED A NON-ACOUSTIC GRID POINT, ID= %1 ON A DAREA ENTRY ID = %2
WHICH IS SPECIFIED ON AN ACSRCE ENTRY.
THE DAREA ENTRY MAY HAVE BEEN GENERATED AUTOMATICALLY FROM AN LSEQ ENTRY.

6826.0 *** USER FATAL MESSAGE 6826 (PLOD4D)
ELEMENT ID = %1 CID =%2 N1, N2, N3 =%3
LOAD DIRECTION VECTOR WHEN TRANSFORMED TO BASIC COORDINATES AT A GAUSS POINT HAS A ZERO LENGTH.

6827.0 *** USER FATAL MESSAGE 6827 (TAFEST)
ELEMENT WITH ID = %1,HAS A GRID POINT OPPOSITE TO THOSE OF A FACE RECEIVING A PRESSURE LOAD,
WHICH IS EVIDENTLY IN THE SAME PLANE AS THIS FACE.

6828.0 *** USER WARNING MESSAGE 6828 (ETETD)
THE FACES OF CTETRA ELEMENT ID=%1 ARE INTERSECTING BETWEEN THE ELEMENT'S EDGES DUE TO BAD MIDSIDE NODE LOCATIONS.
USER ACTION: CORRECT THE ELEMENT'S GEOMETRY IF HIGH GRADIENTS ARE EXPECTED.
USER INFORMATION: JACOBIAN AT A GRID ID=%2 IS NEGATIVE.

6829.0 *** SYSTEM WARNING MESSAGE 6829 (UDSFB)
UNSYMMETRIC FACTOR TRAILER INFORMATION IS INCORRECT.
THIS MAY LEAD TO POOR PERFORMANCE
IN THE MCE1 MODULE

6830.0 *** SYSTEM FATAL MESSAGE 6830 (%1)
THE FIRST INPUT MATRIX IS NOT SQUARE.

6831.0 *** SYSTEMS FATAL MESSAGE 6831
INTERNAL LOGIC ERROR. INVALID VARIABLE STORE CODE SUPPLIED
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: LCODE VALUE = %1

6831.1 *** SYSTEMS FATAL MESSAGE 6831 (XQALVL)
INTERNAL LOGIC ERROR. INVALID VARIABLE LOAD CODE SUPPLIED
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: LCODE VALUE = %1

6831.2 *** SYSTEMS FATAL MESSAGE 6831 (XQAERR)
INTERNAL LOGIC ERROR. INVALID INTERNAL ERROR %1 NUMBER SUPPLIED

USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
PROGRAMMER INFORMATION: %2 VALUE = %3

6832.0 *** SYSTEM INFORMATION MESSAGE 6832 (DBFBS)
LOCAL PARAMETERS AND TIMINGS FOR THE DISTRIBUTED PARALLEL FBS
LOCAL MEMORY AVAILABLE =%1 K WORDS LOCAL MEMORY USED =%2 K WORDS
NUMBER OF GIVEN RHS(S) =%3 NUMBER OF SOLVED RHS(S) =%4 NUMBER OF PROCESSORS =%5
TREE SCAN CPU TIME =%6 SECONDS TREE SCAN ELAPSED TIME =%7 SECONDS
SCAT. RHS CPU TIME =%8 SECONDS SCAT. RHS ELAPSED TIME =%9 SECONDS
FORWARD PASS CPU TIME =%10 SECONDS FORWARD PASS ELAPSED TIME =%11 SECONDS
BACKWARD PASS CPU TIME =%12 SECONDS BACKWD. PASS ELAPSED TIME =%13 SECONDS
COLL. PHASE CPU TIME =%14 SECONDS COLL. PHASE ELAPSED TIME =%15 SECONDS
TOTAL CPU TIME =%16 SECONDS TOTAL ELAPSED TIME =%17 SECONDS

6889.0 *** SYSTEM INFORMATION MESSAGE 6889 (PNPERF)
RESULTS OF THE DISTRIBUTED PARALLEL METHOD PERFORMANCE TESTS REQUESTED BY NASTRAN SYSTEM(166)=1024 FOLLOW.

6890.0 *** SYSTEM INFORMATION MESSAGE 6890 (PDDRV)
ADDITIONAL DIAGNOSTIC INFORMATION FOR DISTRIBUTED PARALLEL SPARSE DECOMPOSITION REQUESTED BY NASTRAN SYSTEM(166)=%1.

6891.0 *** SYSTEM FATAL MESSAGE 6891 (SITDR3)
ILLEGAL VALUE FOR THE REGULARIZATION PARAMETER: %1.
USER ACTION: SYSTEM(241) ON THE NASTRAN ENTRY NEEDS TO HAVE ONE OF THE FOLLOWING VALUES:
0, [-1050,-1009] OR [1009,1050]. PLEASE MODIFY THE DATA DECK.

6892.0 *** USER FATAL MESSAGE 6892 (SEPMEP)
RSSCON ENTRY %1 REFERENCES ELEMENTS SPECIFIED IN TWO DIFFERENT SUPERELEMENTS.
ELEMENT %2 IS DEFINED IN SUPERELEMENT %3 AND ELEMENT %4 IN SUPERELEMENT %5.
USER ACTION: SPECIFY AN SEELT ENTRY TO PLACE ELEMENTS IN A SINGLE SUPERELEMENT.

6893.0 *** USER FATAL MESSAGE 6893 (SEPPGD)
IN THE PARTITIONED SUPERELEMENT (SUPER=%1) BULK DATA

SECTION GRID POINT ID=%2 IS REFERENCED ON A
RSSCON ID=%3 AND ALSO ON A %4 ENTRY. THE GRID POINT WILL
HAVE TO BE MOVED TO SATISFY RIGID BODY REQUIREMENTS.
USER ACTION: REPLACE THE CORD1_ ENTRY WITH A CORD2_
ENTRY OR
CREATE A COINCIDENT GRID ENTRY AND REFERENCE ITS ID ON
THE CORD1_ ENTRY.

6893.1 *** USER FATAL MESSAGE 6893 (SEPPGD)
IN THE MAIN BULK DATA SECTION GRID POINT ID=%1 IS
REFERENCED ON A
RSSCON ID=%2 AND ALSO ON A %3 ENTRY. THE GRID POINT WILL
HAVE TO BE MOVED TO SATISFY RIGID BODY REQUIREMENTS.
USER ACTION: REPLACE THE CORD1_ ENTRY WITH A CORD2_
ENTRY OR
CREATE A COINCIDENT GRID ENTRY AND REFERENCE ITS ID ON
THE CORD1_ ENTRY.

6893.2 *** USER FATAL MESSAGE 6893 (SEPPGD)
IN THE PARTITIONED SUPERELEMENT (SUPER=%1) BULK DATA
SECTION GRID POINT ID=%2 IS REFERENCED ON A
RSSCON ID=%3 AND ALSO ON A %4 ENTRY. THE GRID POINT WILL
HAVE TO BE MOVED TO SATISFY RIGID BODY REQUIREMENTS.
USER ACTION: CREATE A COINCIDENT POINT ENTRY AND
REFERENCE ITS ID ON THE %5 ENTRY.

6893.3 *** USER FATAL MESSAGE 6893 (SEPPGD)
IN THE MAIN BULK DATA SECTION GRID POINT ID=%1 IS
REFERENCED ON A
RSSCON ID=%2 AND ALSO ON A %3 ENTRY. THE GRID POINT WILL
HAVE TO BE MOVED TO SATISFY RIGID BODY REQUIREMENTS.
USER ACTION: CREATE A COINCIDENT POINT ENTRY AND
REFERENCE ITS ID ON THE %4 ENTRY.

6894.0 *** USER FATAL MESSAGE 6894 (SEPEXT)
FOR EXTERNAL SUPERELEMENT ID=%1, SCALAR POINT ID=%2
HAS AN ILLEGAL COMPONENT DESIGNATED ON THE
EXTRN BULK DATA ENTRY.

6895.0 *** USER FATAL MESSAGE 6895 (SEPEXT)
GRID OR SCALAR POINT ID=%1 REFERENCED ON THE EXTRN
BULK DATA ENTRY FOR EXTERNAL SUPERELEMENT ID=%2
IS NOT DEFINED BY A GRID OR SPOINT BULK DATA ENTRY.

6902.0 *** SYSTEM INFORMATION MESSAGE 6902 (SQFREQ)
DISTRIBUTED MEMORY PARALLEL FREQUENCY RESPONSE
NUMBER OF FREQUENCY DOMAINS = %1
NUMBER OF FREQUENCIES ON LOCAL PROCESSOR (ID=%2) = %3

6902.1 *** SYSTEM INFORMATION MESSAGE 6902 (DPERFM)
PERFORMANCE SUMMARY TABLE FOR DISTRIBUTED MEMORY

FREQUENCY RESPONSE
NUMBER OF FREQUENCY DOMAINS = %1
NUMBER OF FREQUENCIES = %2
PROCESSOR # FREQ. CPU (SEC) ELAPSED (SEC)
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6903.0 *** SYSTEM FATAL MESSAGE 6903 (SEDR)
MIRROR IMAGES ARE NOT SUPPORTED IN P-ELEMENT ANALYSIS.

6904.0 *** SYSTEM FATAL MESSAGE 6904 (SEP4)
LOGIC ERROR%1

6905.0 *** SYSTEM FATAL MESSAGE 6905 (SEMA)
ALL UPSTREAM SUPERELEMENTS HAVE BEEN EXCLUDED FROM ASSEMBLY IN SUPERELEMENT %1

6907.0 *** SYSTEM WARNING MESSAGE 6907 (SEP4)
CASECC REFERENCES UNDEFINED SUPERELEMENT%1.
RECORD IS IGNORED.

6907.1 *** USER WARNING MESSAGE 6907 (SEP4)
%1 REQUEST REFERENCES UNDEFINED SUPERELEMENT%2

6907.2 *** USER FATAL MESSAGE 6907 (SEP3)
SE-TYPE COMMAND (SEALL,SEMG,etc..) REQUEST REFERENCES UNDEFINED SUPERELEMENTS.
USER ACTION: CHECK THE SE-TYPE COMMAND AND REFERENCED SET COMMANDS.

6908.0 *** SYSTEM INFORMATION MESSAGE 6908 (FREQ)
DISTRIBUTED MEMORY PARALLEL FREQUENCY RESPONSE IS DISABLED BECAUSE ZERO PROCESSORS WERE SELECTED (WITH SYSTEM(231)=0). SOLUTION WILL PROCEED WITH THE SEQUENTIAL SOLVER.

6908.1 *** SYSTEM INFORMATION MESSAGE 6908 (FREQ)
DISTRIBUTED MEMORY PARALLEL FREQUENCY RESPONSE IS DISABLED BECAUSE FREQUENCY DEPENDENT MATERIALS ARE PRESENT. SOLUTION WILL PROCEED WITH THE SEQUENTIAL SOLVER.

6908.2 *** SYSTEM INFORMATION MESSAGE 6908 (FREQ)
DISTRIBUTED MEMORY PARALLEL FREQUENCY RESPONSE IS DISABLED BECAUSE THE ITERATIVE SOLVER IS SELECTED (WITH SYSTEM(216)=1). SOLUTION WILL PROCEED WITH THE SEQUENTIAL SOLVER.

6908.3 *** SYSTEM WARNING MESSAGE 6908 (PNNAME)
CANNOT DETERMINE THE PROCESSOR NAME

6908.4 *** USER INFORMATION MESSAGE 6908 (FREQ)
DISTRIBUTED MEMORY PARALLEL FREQUENCY RESPONSE REQUIRES NUMDOM (NUMBER OF FREQUENCY DOMAINS) TO BE EQUAL TO THE

NUMBER OF PROCESSORS. HOWEVER, THIS RUN SPECIFIES NUMDOM = %1, BUT THE NUMBER OF PROCESSORS IS EQUAL TO %2.
USER INFORMATION: the program will use a value of %2 for NUMDOM to create the parallel frequency domains.

6909.0 *** USER INFORMATION MESSAGE 6909 (APD0)
THE VALUES SPECIFIED FOR REFC ON THE AERO AND AEROS BULK DATA ENTRIES ARE DIFFERENT.

6910.0 *** USER FATAL MESSAGE 6910 (FA1)
A VELOCITY OF ZERO IS SPECIFIED ON FLFACT BULK DATA ENTRY ID=%1 WHICH IS REFERENCED BY A FLUTTER ENTRY THAT SPECIFIES THE PK METHOD.

6911.0 *** SYSTEM WARNING MESSAGE 6911 (QCBFIN)
THE DBVIEW HAS YIELDED MORE THAN ONE DATA BLOCK %1.
THE PROGRAM WILL SELECT THE "FIRST" DATA BLOCK FOUND.
PROGRAMMER ACTION: TO FIND THE DUPLICATES, SPECIFY THE WHERE CLAUSE FROM THE DBVIEW STATEMENT ON THE DBDICT STATEMENT
AND THEN MODIFY THE WHERE CLAUSE ON THE DBVIEW STATEMENT TO REMOVE THE DUPLICATES.
PROGRAMMER INFORMATION: DATA BLOCK 1: FISTNO =%2 PVAPTR = %3
DATA BLOCK 2: FISTNO =%4 PVAPTR = %5

6912.0 *** SYSTEM FATAL MESSAGE 6912 (SEDR)
THE BASIC GRID POINT DEFINITION TABLE NAMED %1 AND THE DISPLACEMENT MATRIX NAMED %2
FOR SUPERELEMENT %3 ARE INCONSISTENT.
USER ACTION: IF THIS IS AN EXTERNAL SUPERELEMENT DATA RECOVERY, ENSURE THAT THE BGPDTS TABLE
AND NOT THE EQEXINS TABLE IS DBLOCATE'D.
PROGRAMMER INFORMATION: THE NUMBER OF DEGREES OF FREEDOM IN THE BASIC GRID POINT DEFINITION TABLE IS %4.
THE NUMBER OF DEGREES OF FREEDOM IN THE DISPLACEMENT MATRIX IS %5.

6913.0 *** SYSTEM FATAL MESSAGE 6913 (OUTPX2)
INDEXED MATRIX %1 COLUMN FILE (%2) IS CORRUPTED AT THE END OF THE FILE.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6914.0 *** USER FATAL MESSAGE 6914, (RAND5A),
RANDPS ID =%1 REFERENCES UNDEFINED SUBCASE ID = %2
USER ACTION: CORRECT RANDPS ENTRY OR SUBCASE COMMAND.

6915.0 *** USER FATAL MESSAGE 6915 (GP1C)

COORDINATE SYSTEM %1 IS DEFINED BY THREE COLLINEAR POINTS IN SUPERELEMENT %2

6916.0 *** SYSTEM INFORMATION MESSAGE 6916 (DFMSYN)
DECOMP ORDERING METHOD CHOSEN: BEND, ORDERING METHOD USED: AMF

6916.1 *** SYSTEM INFORMATION MESSAGE 6916 (DFMSYN)
DECOMP ORDERING METHOD CHOSEN: BEND, ORDERING METHOD USED: BEND

6916.2 *** SYSTEM INFORMATION MESSAGE 6916 (DFMSYN)
UNABLE TO EXECUTE METIS REORDERING BECAUSE THE MATRIX DENSITY IS TOO HIGH: %1 %.
DECOMP ORDERING METHOD CHOSEN: METIS, ORDERING METHOD USED: MMD

6916.3 *** SYSTEM INFORMATION MESSAGE 6916 (DFMSYN)
DECOMP ORDERING METHOD CHOSEN: DEFAULT, ORDERING METHOD USED: METIS

6916.4 *** SYSTEM INFORMATION MESSAGE 6916 (DFMSYN)
DECOMP ORDERING METHOD CHOSEN: METIS, ORDERING METHOD USED: METIS

6916.5 *** SYSTEM INFORMATION MESSAGE 6916 (DFMSYN)
UNABLE TO EXECUTE METIS REORDERING BECAUSE THE MATRIX DENSITY IS TOO HIGH: %1 %.
DECOMP ORDERING METHOD CHOSEN: DEFAULT, ORDERING METHOD USED: MMD

6916.6 *** SYSTEM INFORMATION MESSAGE 6916 (DFMSYN)
UNABLE TO EXECUTE METIS REORDERING BECAUSE THE MATRIX DENSITY IS TOO HIGH: %1 %.
DECOMP ORDERING METHOD CHOSEN: METIS, ORDERING METHOD USED: MMD

6916.7 *** SYSTEM INFORMATION MESSAGE 6916 (DFMSYN)
DECOMP ORDERING METHOD CHOSEN: MMD, ORDERING METHOD USED: MMD

6916.8 *** SYSTEM INFORMATION MESSAGE 6916 (DFMSYN)
DECOMP ORDERING METHOD CHOSEN: DEFAULT, ORDERING METHOD USED: BEND

6916.9 *** SYSTEM INFORMATION MESSAGE 6916 (DFMSYN)
INCREASE MEMORY BY AT LEAST %1 WORDS TO ENABLE METIS.
DECOMP ORDERING METHOD CHOSEN: DEFAULT, ORDERING METHOD USED: MMD

6916.10 *** SYSTEM INFORMATION MESSAGE 6916 (DFMSYN)
INCREASE MEMORY BY AT LEAST %1 WORDS TO ENABLE METIS.
DECOMP ORDERING METHOD CHOSEN: METIS, ORDERING METHOD USED: MMD

6916.11 *** SYSTEM INFORMATION MESSAGE 6916 (DFMSYN)
DECOMP ORDERING METHOD CHOSEN: METIS, ORDERING METHOD USED: MMD

6916.12 *** SYSTEM INFORMATION MESSAGE 6916 (DFMSYN)
DECOMP ORDERING METHOD CHOSEN: DEFAULT, ORDERING METHOD USED: MMD

6916.13 *** SYSTEM INFORMATION MESSAGE 6916 (DFMSYN)
MALLOC FAILED INSIDE METIS. DECREASING THE MEMORY GIVEN TO THE JOB WILL INCREASE THE MEMORY AVAILABLE FOR MALLOC.
DECOMP ORDERING METHOD CHOSEN: METIS, ORDERING METHOD USED: MMD

6916.14 *** SYSTEM INFORMATION MESSAGE 6916 (DFMSYN)
MALLOC FAILED INSIDE METIS. DECREASING THE MEMORY GIVEN TO THE JOB WILL INCREASE THE MEMORY AVAILABLE FOR MALLOC.
DECOMP ORDERING METHOD CHOSEN: DEFAULT, ORDERING METHOD USED: MMD

6916.15 *** SYSTEM INFORMATION MESSAGE 6916 (DFMSYN)
METIS ERROR.
DECOMP ORDERING METHOD CHOSEN: METIS, ORDERING METHOD USED: MMD

6916.16 *** SYSTEM INFORMATION MESSAGE 6916 (DFMSYN)
METIS ERROR.
DECOMP ORDERING METHOD CHOSEN: DEFAULT, ORDERING METHOD USED: MMD

6916.17 *** SYSTEM FATAL MESSAGE 6916 (DFMSYN)
MALLOC FAILED INSIDE EXTREME.
USER ACTION: DECREASE THE MEMORY GIVEN TO THE JOB IN ORDER TO INCREASE THE MEMORY AVAILABLE FOR MALLOC OR USE METIS OR GRID BASED MMD REORDERING by RE-SUBMITTING THE JOB WITH ONE OF THE FOLLOWING VALUES FOR SYSTEM(206):
SYSTEM(206)=1 (GRID BASED MMD)
SYSTEM(206)=8 (GRID BASED METIS) OR
SYSTEM(206)=9 (SELECTS BEST OF THE TWO ABOVE)

6917.0 *** USER FATAL MESSAGE 6917 (TAB)
FOR TABLED1 OR TABLEM1 ENTRY ID = %1; AN X-VALUE = %2 CAUSES EXPONENTIAL EXTRAPOLATION OF Y-VALUE, WITH NUMERIC OVERFLOW.
USER ACTION: AMEND TABLE TO AVOID BALLOONING EXPONENTIAL EXTRAPOLATION BEYOND TABLE LIMITS.

6918.0 *** SYSTEM FATAL MESSAGE 6918 (MATMOD)
FOR MATMOD OPTION %1 AN INVALID VALUE %2 IS SPECIFIED

FOR THE TYPE (2ND PARAMETER)
THE VALID VALUES ARE 1 OR 2 FOR REAL 3 OR 4 FOR COMPLEX AND 0 (DEFAULT) FOR OPPOSITE TYPE THAN INPUT TYPE.

6918.1 *** SYSTEM FATAL MESSAGE 6918 (MATMOD)
FOR MATMOD OPTION%1 AN INVALID VALUE %2 IS SPECIFIED FOR THE PRECISION (3RD PARAMETER)
THE VALID VALUES ARE 1 FOR SINGLE PRECISION 2 FOR DOUBLE PRECISION, AND 0 (DEFAULT) FOR MACHINE PRECISION.

6919.0 *** SYSTEM FATAL MESSAGE 6919 (MATMOD)
ILLEGAL VALUE %1 FOR OPTION (FIRST PARAMETER). IT MUST BE GREATER THAN ZERO AND LESS THAN %2.

6920.0 *** SYSTEM FATAL MESSAGE 6920 (MATMOD)
FOR MATMOD OPTION %1, THE COLUMN NUMBER %2 IS INVALID. IT MUST BE GREATER THAN ZERO AND LESS THAN %3.

6921.0 *** SYSTEM FATAL MESSAGE 6921 (MATMOD)
FOR MATMOD OPTION 3, THE DEGREE-OF-FREEDOM CODE %1 IS INVALID.

6922.0 *** SYSTEM FATAL MESSAGE 6922 (MATMOD)
FOR MATMOD OPTION 8, THE TYPE OF MATRIX %1 IS INVALID.

6923.0 *** SYSTEM WARNING MESSAGE 6923 (MODTRL)
ILLEGAL VALUE %1 IS SPECIFIED FOR PARAMETER %2 THE VALUE WILL BE IGNORED.

6924.0 *** SYSTEM FATAL MESSAGE 6924 (MODTRL)
AN ATTEMPT TO MODIFY THE TYPE AND/OR PRECISION OF MATRIX %1.
USER ACTION:
1. IN ORDER TO CHANGE THE PRECISION OF A MATRIX, USE ADD5. IF THE NEW PRECISION DOES NOT MATCH THE MACHINE PRECISION
THEN SPECIFY PUTSYS(NEW PRECISION,55) BEFORE ADD5. FOR EXAMPLE,
A. SINGLE TO DOUBLE ON A DOUBLE-WORD MACHINE:
ADD5 SINGLE,,,,/DOUBLE $
B. DOUBLE TO SINGLE ON A DOUBLE-WORD MACHINE:
PUTSYS(1,55) $
ADD5 DOUBLE,,,,/SINGLE $
PUTSYS(2,55) $

6925.0 *** SYSTEM FATAL MESSAGE 6925 (MODTRL)
AN ATTEMPT TO MODIFY THE DENSITY OF MATRIX%1.

6926.0 *** SYSTEM WARNING MESSAGE 6926 (MTMD34)
ATTEMPT TO CONVERT %1 MATRIX %2 AND %3 INPUT MATRIX %4 INTO A %5 MATRIX.
INPUT MATRICES NEED TO BE THE SAME TYPE.

6927.0 *** SYSTEM FATAL MESSAGE 6927 (MTMD34)
ATTEMPT TO CONVERT REAL MATRIX %1 INTO A COMPLEX MATRIX.
USER ACTION: USE THE ADD OR ADD5 MODULE; FOR EXAMPLE: ADD %2,/%3//(0.0,1.0) $

6928.0 *** SYSTEM FATAL MESSAGE 6928 (MTMD34)
ATTEMPT TO CONVERT %1 %2 INPUT MATRIX %3 TO A %4 %5 MATRIX.

6929.0 *** SYSTEM INFORMATION MESSAGE 6929. (EMGPOM)
MATRIX DATA FOR DATA BLOCK %1 IS BEING COMPUTED FOR ELEMENT WITH ID=%2
HOWEVER WILL NOT BE OUTPUT AS THIS DATA BLOCK IS PURGED OR NOT REQUESTED.

6930.0 *** SYSTEM FATAL MESSAGE 6930. (EMGPOM)
INCORRECT CALL MADE TO -EMGPOM- FOR ELEMENT ID = %1 FILE TYPE = %2 ERROR PATH LOC CODE = %3

6931.0 *** SYSTEM FATAL MESSAGE 6931. (EMGPOM)
CONGRUENCY IS IMPLIED FOR ELEMENT-ID = %1
HOWEVER THIS IS THE FIRST ELEMENT OF ITS TYPE FOR FILE-TYPE = %2

6932.0 *** SYSTEM FATAL MESSAGE 6932. (EMGPOM)
THE DEGREES OF FREEDOM OR THE OUTPUT FORMAT HAS CHANGED BETWEEN ELEMENT-IDS OF THE SAME TYPE FOR FILE TYPE = %1
ELEMENT-ID = %2 %3%4%5%6

6933.0 *** SYSTEM FATAL MESSAGE 6933. (EMGPOM)
ONLY E-MATRIX HAS BEEN SENT TO -EMGPOM- AND NO LOC-CODE POINTER EXISTS TO MATRIX DATA. ELEMENT-ID = %1 FILE TYPE = %2

6934.0 *** SYSTEM FATAL MESSAGE 6934. (EMGPOM)
FOR ELEMENT ID = %1 AND FILE TYPE = %2
EMGPRO DETERMINES A DIFFERENT COUNT OF ACTIVE CONNECTION SILS THAN DOES CALLER OF EMGPOM
EMGPRO COUNT = %3 CALLING ROUTINE COUNT = %4

6935.0 *** SYSTEM FATAL MESSAGE 6935. (EMGPOM)
ELEMENT-ID = %1 FILE TYPE = %2%3%4%5%6%7
INCONSISTENT NUMBER OF COLUMNS OR TERMS SENT BY ELEMENT ROUTINE FOR PACKING OUT BY EMGPOM, OR INVALID INFORM-OUFORM COMBINATION.

6936.0 *** SYSTEM FATAL MESSAGE 6936 (PARAML)
ILLEGAL VALUE OF, %1, SPECIFIED FOR THE SECOND PARAMETER. THE VALUE MUST BE GREATER THAN -3.

6937.0 *** USER FATAL MESSAGE 6937. (MDCASE)

STATIC AEROELASTIC SUBCASES MUST PRECEDE ANY STATICS SUBCASE
USER ACTION:MOVE ANY SUBCASES WITH ANALYSIS=SAERO BEFORE SUBCASES
WITH ANALYSIS=STATICS IN CASE CONTROL

6938.0 *** SYSTEM WARNING MESSAGE 6938
SERIOUS BREAKDOWN IN BLOCK COMPLEX LANCZOS
USER ACTION: CHANGE SETTING OF EIGC BULK DATA ENTRY

6938.1 *** SYSTEM INFORMATION MESSAGE 6938
MILD BREAKDOWN IN BLOCK COMPLEX LANCZOS

6938.2 *** SYSTEM WARNING MESSAGE 6938
BREAKDOWN IN BLOCK LANCZOS METHOD
USER ACTION: ENABLE BLOCK AUGMENTATION

6938.3 *** SYSTEM WARNING MESSAGE 6938
MAXIMUM BLOCK SIZE HAS BEEN REACHED

6938.4 *** SYSTEM WARNING MESSAGE 6938
MAXIMUM BLOCK SIZE REACHED IN BLOCK LANCZOS
USER ACTION: INCREASE MAXIMUM BLOCK SIZE

6939.0 *** SYSTEM FATAL MESSAGE 6939
UNABLE TO READ EIGENVECTORS FROM SCRATCH FILE
USER ACTION: CLEAN UP DISK DEVICE

6939.1 *** SYSTEM FATAL MESSAGE 6939
UNABLE TO READ LANCZOS VECTORS FROM SCRATCH FILE
USER ACTION: CLEAN UP DISK DEVICE

6940.0 *** SYSTEM INFORMATION MESSAGE 6940
SPILL OCCURRED WHEN CALCULATING LANCZOS VECTORS. %1 OUT OF A TOTAL OF %2 LANCZOS VECTORS HAVE BEEN STORED OUT OF CORE.
USER ACTION: TO PREVENT SPILL, INCREASE OPEN CORE SIZE BY AT LEAST %3 WORDS

6940.1 *** SYSTEM INFORMATION MESSAGE 6940
SPILL OCCURRED WHEN CALCULATING PHYSICAL EIGENVECTORS.
USER ACTION: TO PREVENT SPILL, INCREASE MAXIMUM BLOCK SIZE BY AT LEAST %1

6941.0 *** SYSTEM INFORMATION MESSAGE 6941
INVARIANT SUBSPACE DETECTED IN BLOCK LANCZOS

6942.0 *** SYSTEM WARNING MESSAGE 6942, (RAND5)
FOR SUBCASE ID = %1 FREQUENCY %2
AT POINT %3 DOF %4 THE DISPLACEMENT IS LARGE ENOUGH TO CAUSE NUMERIC OVERFLOW IN RANDOM ANALYSIS.
USER INFORMATION: THIS DISPLACEMENT IS SET TO ZERO FOR THE PURPOSE OF CALCULATING THE POWER SPECTRAL

DENSITY.
USER ACTION: CHECK MODEL OR REMOVE ABOVE FREQUENCY.

6942.1 *** SYSTEM WARNING MESSAGE 6942, (RAND5)
FOR SUBCASE ID = %1 FREQUENCY %2
AT POINT %3 DOF %4 THE DISPLACEMENT IS SMALL ENOUGH TO CAUSE NUMERIC UNDERFLOW IN RANDOM ANALYSIS.
USER INFORMATION: THIS DISPLACEMENT IS SET TO ZERO FOR THE PURPOSE OF CALCULATING THE POWER SPECTRAL DENSITY.
USER ACTION: CHECK MODEL OR REMOVE ABOVE FREQUENCY.

6943.0 *** USER FATAL MESSAGE 6943 (IFP6)
THE MAT2 ID=%1, GENERATED BY A PCOMP ENTRY HAS THE SAME ID AS A USER SUPPLIED MAT2 ENTRY.
USER INFORMATION: CHANGE THE ID OF THE USER SUPPLIED MAT2 ENTRY.

6944.0 *** SYSTEM FATAL MESSAGE 6944. (MKSPL)
AELIST ENTRY ID = %1 THAT IS REFERENCED ON SPLINE%2 ENTRY ID=%3 DOES NOT EXIST.

6944.1 *** USER FATAL MESSAGE 6944 (ADG)
AELIST ENTRY ID = %1 THAT IS REFERENCED ON AESURF ENTRY ID = %2 DOES NOT EXIST.

6945.0 *** SYSTEM FATAL MESSAGE 6945. (APD0)
AERO ANALYSIS TYPE (AERTYP) PARAMETER HAS AN ILLEGAL VALUE: %1
USER INFORMATION: LEGAL AERO ANALYSIS TYPES (AERTYP) ARE %2, %3, %4.

6946.0 ***USER FATAL MESSAGE 6946. (TRD1G)
TIC BULK DATA ENTRY %1 REFERENCES MODAL COORDINATE %2 WHICH IS > THE NUMBER
OF MODES.

6947.0 ***SYSTEM FATAL MESSAGE 6947. (FBSUB)
LOGIC ERROR 10.

6948.0 ***USER FATAL MESSAGE 6948. (TRD1G)
TIC BULK DATA ENTRY %1 REFERENCES A NON-MODAL COORDINATE. THIS TIC IS
REFERENCED BY AN IC(MODAL) CASE CONTROL ENTRY, SO IT MUST CONTAIN ONLY
MODAL COORDINATES.

6949.0 ***USER FATAL MESSAGE 6949. (TRD1G)
TIC BULK DATA ENTRY %1 REFERENCES A MODAL COORDINATE. THIS TIC IS
REFERENCED BY AN IC(PHYSICAL) CASE CONTROL ENTRY, SO IT MUST NOT CONTAIN

ANY MODAL COORDINATES.

6952.0 ***SYSTEM FATAL MESSAGE 6952. (FMSPUT)
HEADER TYPE %1 MAY NOT HAVE DATA RECORDS
USE HEADER TYPE %2 FOR SINGLE DATA RECORD
%3 FOR MULTIPLE DATA RECORDS

6953.0 ***SYSTEM FATAL MESSAGE 6953. (FMSPUT)
HEADER TYPE %1 IS INVALID
USE HEADER TYPE %2 FOR SINGLE DATA RECORD
%3 FOR MULTIPLE DATA RECORDS

6954.0 ***SYSTEM FATAL MESSAGE 6954. (FMSPUT)
MISSING %1 INPUT DATA RECORD(S) FOR PREVIOUS HEADER.

6955.0 ***SYSTEM FATAL MESSAGE 6955. (FMSPUT)
FOUND %1 EXTRA INPUT DATA RECORD(S) FOR PREVIOUS
HEADER.

6959.0 *** SYSTEM FATAL MESSAGE 6959. (GCPD-1)
FOR ELEMENT-ID = %1 SIL = %2 CAN NOT BE FOUND IN LIST OF
SILS OF DICTIONARY ENTRY.

6960.0 *** SYSTEM FATAL MESSAGE 6960.
OUTPUT FORM =%1 FOUND IN DICTIONARY HEADER IS
CURRENTLY NOT ACCEPTABLE FOR ELEMENT ID = %2

6961.0 *** SYSTEM FATAL MESSAGE 6961.
LOGIC ERROR AT LOC =%1 FOR ELEMENT ID =%2

6962.0 *** USER FATAL MESSAGE 6962, (MATGEN-3)
ILLEGAL VALUE FOR OPTION PARAMETER = %1

6962.1 *** USER FATAL MESSAGE 6962, (MATGEN-4)
ILLEGAL VALUE FOR PARAMETER %1 = %2

6963.0 *** USER WARNING MESSAGE 6963, (MATGEN-11)
UNABLE TO GENERATE NULL MATRIX OF A-SET SIZE SINCE A-
SET IS EMPTY.

6964.0 *** USER WARNING MESSAGE 6964, (MATGEN-11)
ILLEGAL COMBINATION OF PARAMETER OPTION. P3 AND P4 MAY
NOT BOTH BE ZERO.

6965.0 *** USER WARNING MESSAGE 6965, (MATGEN-11)
USET SET SELECTED BY PARAMETER P4 IS EMPTY. OUTPUT
MATRIX PURGED.

6965.1 *** USER WARNING MESSAGE 6965, (MATGEN-11)
USET SET SELECTED BY PARAMETER P3 IS EMPTY. OUTPUT
MATRIX PURGED.

6966.0 *** USER WARNING MESSAGE 6966, (MATGEN-11)
SET SPECIFIED BY P4 IS NOT A LEGITIMATE SUBSET OF THE SET
SPECIFIED BY P3.
OUTPUT MATRIX PURGED.

6967.0 ***USER FATAL MESSAGE 6967, (MATMOD-17)
EITHER USET BIT POSITION OR PATRN SET MUST BE SPECIFIED WHEN USING MATMOD OPTION 17.

6968.0 ***USER WARNING MESSAGE 6968, (MATMOD-17)
NO GRID OR SCALAR POINTS IN SELECTED SET. PARTITIONING VECTOR NULL.

6969.0 ***USER FATAL MESSAGE 6969, (MATMOD-17)
PARTN SET %1 HAS BEEN SELECTED BUT HAS NOT BEEN DEFINED.

6970.0 ***USER WARNING MESSAGE 6970, (MATMOD-17)
NO PARTN SET SELECTED AS INDICATED BY PARAMETER SETFLG. CHECKING USET BIT PARAMETER.

6971.0 *** USER WARNING MESSAGE 6971, (MATMOD-14)
UNABLE TO USE RELATIVE FILTER ON MATRIX %1 BECAUSE ITS FORM IS NON-SQUARE.

6972.0 *** USER FATAL MESSAGE 6972. (MATMOD-26)
NO PROCESSING OF DATA BLOCK %1 WILL BE PERFORMED BECAUSE ITS DENSITY IS ZERO.

6973.0 *** USER FATAL MESSAGE 6973 (ASGNCD)
THERE ARE MORE SUPPORTED DEGREES OF FREEDOM THAN CAN BE CONTROLLED BY CONTROL SURFACES.
USER INFORMATION: THE NONLINEAR TRIM ALGORITHM ASSUMES THAT CONTROL SURFACES CAN CONTROL ROTATIONS ABOUT UP TO THREE AXES.
THE NUMBER OF SUPPORTED DEGREES OF FREEDOM MINUS THE NUMBER OF FREE AESTAT BULK DATA ENTRIES IS FOUR OR GREATER.
USER ACTION : SPECIFY ADDITIONAL AESTAT ENTRIES OR FEWER SUPPORTED DEGREES OF FREEDOM.

6974.0 *** USER FATAL MESSAGE 6974 (ASGNCD)
THE CONTROL SURFACES CANNOT PARTICIPATE IN THE REQUESTED TRIM TASK.
USER INFORMATION: THE NONLINEAR TRIM ALGORITHM HAS FOUND THAT THERE ARE FREE CONTROL SURFACES,
BUT NO DEGRESS OF FREEDOM FOR THEM TO CONTROL.
USER ACTION : SPECIFY FEWER AESTAT ENTRIES OR MORE SUPPORTED DEGREES OF FREEDOM.

6975.0 *** USER FATAL MESSAGE 6975 (ASGNCD)
A SUPPORTED DEGREE OF FREEDOM IS NOT AFFECTED BY ANY CONTROL SURFACE.
USER INFORMATION: AN EXAMPLE IS AN AIRPLANE THAT IS FREE TO ROLL WITH NO CONTROL SURFACE AFFECTING THE ROLL AXIS.
USER ACTION : ADD ADDITIONAL CONTROL SURFACES OR

REMOVE THE SUPPORTED DEGREE OF FREEDOM.

6976.0 *** USER FATAL MESSAGE 6976 (ASGPRD)
CSSCHD BULK DATA ENTRY ID = %1 THAT IS REFERENCED BY THE CSSCHD CASE CONTROL COMMAND DOES NOT EXIST.
USER ACTION : PROVIDE THE REQUIRED CSSCHD BULK DATA ENTRY.

6977.0 *** USER FATAL MESSAGE 6977 (PRESCH)
THE DATA DEFINED ON THE AEFACT BULK DATA ENTRY ID = %1 ASSOCIATED WITH CSSCHD ID = %2 AND
AESURF ID = %3 IS INCONSISTENT.
USER INFORMATION: THERE ARE %4 MACH NUMBERS SPECIFIED AND %5 ANGLES OF ATTACK WITH THE REQUIREMENT.
THERE SHOULD BE %6 TERMS ON THE ASSOCIATED AEFACT ID = %7, BUT THERE ARE %8 TERMS.

6978.0 *** SYSTEM FATAL MESSAGE 6978 (SB11RD)
RECORD LENGTH IS NOT ENOUGH TO STORE THE %1 BLOCK ROW OF PRECONDITIONER.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6979.0 *** SYSTEM FATAL MESSAGE 9006 (SB53RD)
MAXIMUM PERMUTED BLOCK ROW LENGTH = %1 EXCEEDS THE RECORD LENGTH = %2.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

6980.0 *** SYSTEM FATAL MESSAGE 9007 (SB85RD)
LARGEST BLOCK ROW OF THE INITIAL MATRIX (%1 WORDS) EXCEEDS THE SPECIFIED MAXIMUM RECORD LENGTH (%2 WORDS).
USER ACTION: PLEASE SET RECLEN=%3 (OR A HIGHER VALUE) ON THE ITER BULK DATA ENTRY.

6980.1 *** SYSTEM FATAL MESSAGE 9008 (SB85RD)
LARGEST BLOCK ROW OF THE PRECONDITIONER (%1 WORDS) EXCEEDS THE SPECIFIED MAXIMUM RECORD LENGTH (%2 WORDS).
USER ACTION: PLEASE SET RECLEN=%3 (OR A HIGHER VALUE) ON THE ITER BULK DATA ENTRY.

6981.0 *** USER FATAL MESSAGE 6981 (NBS1D)
BUSH1D ELEMENT ID = %1 REFERENCES UNDEFINED EQUATION ID = %2.

6982.0 *** SYSTEM FATAL MESSAGE 6982
LOGIC ERROR. THERE SEEMS TO BE MORE TERMS IN COLUMNS OF THE DATA MATRIX
THEN THE NUMBER OF EIGENVALUES =%1

6983.0 *** SYSTEM FATAL MESSAGE 6983 (DRMH3F)
PROGRAMMING ERROR; THE INPUT MAP TABLE HAS
INCONSISTENT ELEMENT IDS AND CONSTANTS
ELEMENT LIST: ELTYPE = %1 ID = %2
CONSTANT LIST: ELTYPE = %3 ID = %4

6984.0 INCORRECT NUMBER OF WORDS BEING REQUESTED FOR
TRANSMISSION TO AND BY PHASE-2 ROUTINE.
ELEMENT ID =%1, WORDS THIS CALL =%2, TOTAL=%3

6985.0 *** SYSTEM FATAL MESSAGE 6985
PREVIOUS ELEMENT-ID =%1
DID NOT REQUEST CORRECT NUMBER OF PHASE-1 OUTPUT
WORDS.

6986.0 *** SYSTEM FATAL MESSAGE 6986
LOGIC ERROR. ELEMENT-ID =%1
INCORRECT NUMBER OF STRESS OR FORCE WORDS ARE BEING
OUTPUT BY A PHASE-2 ELEMENT ROUTINE. SF CODE =%2

6987.0 *** SYSTEM FATAL MESSAGE 6987
EXECUTION CONTINUING HOWEVER ANY STRESS OR FORCE
OUTPUT REQUESTS WILL BE IGNORED.

6988.0 *** USER FATAL MESSAGE 6988 (MKSPL)
SPLINE %1 ENTRY ID = %2 REFERENCES A CAERO2 ENTRY ID = %3
WHICH IS NOT ALLOWED.
USER ACTION: THIS TYPE OF SPLINE IS NOT APPROPRIATE FOR
USE WITH SLENDER BODIES, USE A LINEAR (BEAM) SPLINE.

6989.0 *** USER FATAL MESSAGE 6989 (ADGHMK)
BOX ID = %1, DEFINED ON AELIST ENTRY ID = %2 ON AESURF
ENTRY ID = %3, DOES NOT EXISTS.

6990.0 *** USER FATAL MESSAGE 6990 (ADGHMK)
DUPLICATE BOX ID = %1 FOUND ON CONTROL SURFACES 1
(AELIST ENTRY ID = %2) and 2 (AELIST ENTRY ID = %3)
ON AESURF ENTRY ID = %4.
USER INFORMATION: NO OVERLAPPING CAN OCCURRED ON TWO
CONTROL SURFACES DEFINED ON THE SAME AESURF ENTRY.

6991.0 *** SYSTEM WARNING MESSAGE 6991, (NORMM)
NORM MODULE HAS COMPUTED A MAX VALUE WHICH EXCEEDS
THE SINGLE PRECISION FORMAT.
USER INFORMATION: THE VALUE IS %1 THE THIRD OUTPUT
PARAMETER IS SET TO 0.0E0.
USER ACTION: USE THE FIFTH PARAMETER TO OUTPUT THE
PROPER VALUE.

6991.1 *** USER FATAL MESSAGE 6991 (JINTG)
JINTEG CARD MISSING IN CASE CONTROL JINTG PROCESSING
TERMINATED.

6993.0 *** SYSTEM INFORMATION MESSAGE 6993 (ASGNLD/S)
CONTROL SURFACE LIMITS ARE EXCEEDED.
USER INFORMATION: CONSTRAINED OPTIMIZATION WILL BE PERFORMED.

6994.0 *** SYSTEM FATAL MESSAGE 6994.
SHAPE FUNCTION ROUTINE SHPTQD IS CALLED FOR UNKNOWN TYPE

6995.0 *** USER WARNING MESSAGE 6995,
DTI UPDATE DATA OUT OF RANGE.
%1 %2 %3

6996.0 ***USER WARNING MESSAGE 6996
DVAR BULK DATA ENTRY ID = %1 REQUESTED VIA SET2 CANNOT BE FOUND.

6996.1 ***USER WARNING MESSAGE 6996
DSCONS BULK DATA ENTRY ID = %1 REQUESTED VIA SET2 CANNOT BE FOUND.

6997.0 **** USER WARNING MESSAGE 6997,
GRIDS %1 AND %2 ARE GENERATED INTERNALLY IN CRAC3D ELEMENT ID= %3

6998.0 *** SYSTEM FATAL MESSAGE 6998 (FMSFIO)
FORTRAN UNIT 2 USED FOR FMS IS NOT INITIALIZED.

6999.0 *** SYSTEM FATAL MESSAGE 6999 (FMSFIO)
FORTRAN UNIT %1 USED FOR FMS DOES NOT HAVE A CORRESPONDING VALUE IN FORUNT ARRAY.

7001.0 *** USER WARNING MESSAGE 7001 (DOPR1B)
FOR DESVAR ENTRY ID = %1 THE USER INITIAL VALUE = %2
WHILE THE COMPUTED VALUE = %3
THE USER SUPPLIED VALUE ON THE DESVAR ENTRY IS OVERRIDDEN BY THE COMPUTED VALUE FROM THE DLINK ENTRY

7002.0 *** USER FATAL MESSAGE 7002 (DOPR1B)
NO DESVAR ENTRIES ARE SPECIFIED IN THE BULK DATA.

7002.1 *** USER FATAL MESSAGE 7002 (DOPR1B)
NO DESVAR ENTRIES ARE SPECIFIED IN THE BULK DATA.

7003.0 *** USER FATAL MESSAGE 7003 (IFS6P)
THE DVPREL%1 ID = %2 BULK DATA ENTRY REFERS TO A FREQUENCY DEPENDENT PROPERTY,
BUT NO RELEVANT FREQUENCY (Field 9) HAS BEEN ASSOCIATED WITH THIS PROPERTY.

7008.0 *** USER FATAL MESSAGE 7008 (DOPR1B)
THE NUMBER OF DLINK ENTRIES EXCEEDS THE NUMBER OF DESVAR ENTRIES.

USER INFORMATION: THE NUMBER OF DEPENDENT DESIGN VARIABLES MUST BE LESS THAN THE TOTAL NUMBER OF DESIGN VARIABLES.

7011.0 *** USER FATAL MESSAGE 7011 (DOPR1B)
DLINK ENTRY %1 REFERENCES DESVAR ENTRY %2 WHICH DOES NOT EXIST.

7015.0 *** USER FATAL MESSAGE 7015 (DOPR1Z)
THE FIELD DVID = %1 ON DVPREL2 ID =%2 IS NOT REFERENCED ON A DESVAR ENTRY.

7015.1 *** USER FATAL MESSAGE 7015 (DOPR1Z)
THE FIELD DVID = %1 ON DVCREL2 ID =%2 IS NOT REFERENCED ON A DESVAR ENTRY.

7015.2 *** USER FATAL MESSAGE 7015 (DOPR1Z)
THE FIELD DVID = %1 ON DVMREL2 ID =%2 IS NOT REFERENCED ON A DESVAR ENTRY.

7015.3 *** USER FATAL MESSAGE 7015 (DOPR1C)
THE FIELD DVID %1 ON DVPREL1 ENTRY ID = %2 IS NOT REFERENCED ON A DESVAR ENTRY.

7015.4 *** USER FATAL MESSAGE 7015 (DOPR1C)
THE FIELD DVID %1 ON DVCREL1 ENTRY ID = %2 IS NOT REFERENCED ON A DESVAR ENTRY.

7015.5 *** USER FATAL MESSAGE 7015 (DOPR1C)
THE FIELD DVID %1 ON DVMREL1 ENTRY ID = %2 IS NOT REFERENCED ON A DESVAR ENTRY.

7023.0 *** USER FATAL MESSAGE 7023 (DOPR3C)
THERE ARE %1 ENTRIES BUT NO DEQATN ENTRIES.

7028.0 *** USER FATAL MESSAGE 7028 (DOPR3C)
THE LABEL = %1 ON %2 ENTRY ID = %3 CANNOT BE FOUND ON the DTABLE ENTRY.

7028.1 *** USER FATAL MESSAGE 7028 (DOPR1Z)
THE LABEL = %1 ON DVPREL2 ENTRY ID =%2 CANNOT BE FOUND ON THE DTABLE ENTRY.

7052.0 *** USER FATAL MESSAGE 7052 (DOMPTC)
ILLEGAL PROPERTY TYPE %1 IS REFERENCED ON %2 ENTRY %3.

7052.1 *** USER FATAL MESSAGE 7052 (DOMPNTF)
%1 ENTRY %2 REFERENCES AN ILLEGAL COMBINATION OF PROPERTY TYPE %3 AND PROPERTY NAME %4.

7052.2 *** USER FATAL MESSAGE 7052 (DOMPNTF)
%1 ENTRY %2 REFERENCES AN UNSUPPORTED COMBINATION OF PROPERTY TYPE %3 AND PROPERTY NAME %4.

7053.0 *** USER FATAL MESSAGE 7053 (DVPCHK)
DVPREL %1 ENTRY %2 WITH PTYPE= %3 REFERENCES A POSITIVE

FID %4.
USER ACTION: REPLACE THE FID WITH A NEGATIVE NUMBER.

7054.0 *** USER FATAL MESSAGE 7054 (DVPCHK)
THE PROPERTY NAME %1 REFERENCED ON DVPREL%2 ENTRY %3 CAN NOT BE DESIGNED.

7055.0 *** USER FATAL MESSAGE 7055 (DVPCHK)
DVPREL %1 ENTRY %2 WITH PTYPE= %3 REFERENCES AN FID %4 THAT CAN NOT BE DESIGNED.

7055.1 *** USER FATAL MESSAGE 7055 (DOPR1C)
%1 ENTRY %2 SPECIFIES PROPERTY NAME = %3 THAT IS NOT SPECIFIED ON PBEAM ENTRY %4.
USER ACTION: CHECK %5 AND PBEAM ENTRIES.

7055.2 *** USER FATAL MESSAGE 7055 (DOPR1Z)
%1 ENTRY %2 SPECIFIES FID = %3 THAT IS NOT SPECIFIED ON PBEAM ENTRY %4.
USER ACTION: CHECK %5 AND PBEAM ENTRIES.

7057.0 ***USER FATAL MESSAGE 7057, DOMPTA.
ILLEGAL PROPERTY ENTRY NAME %1

7076.0 *** USER FATAL MESSAGE 7076 (DOPR3I)
DRESP1 ENTRY ID = %1 REFERENCES A %2 BULK DATA ENTRY ID = %3 WHICH cannot be found.

7076.1 *** USER FATAL MESSAGE 7076 (DOPR3B)
DRESP1 BULK DATA ENTRY OF ID %1 REFERENCES A %2 BULK DATA ENTRY OF ID %3 WHICH DOES NOT EXIST.

7077.0 *** USER FATAL MESSAGE 7077 (%1)
DRESP1 ENTRY ID = %1 SPECIFIES A ROOT NUMBER = %2 WHICH IS GREATER THAN THE
NROOT = %3 ON THE associated DIVERG BULK DATA ENTRY ID = %4.

7078.0 *** USER FATAL MESSAGE 7078 (DOPR3I)
DRESP1 ENTRY ID = %1 SPECIFIES A MACH NUMBER = %2 WHICH IS NOT LISTED ON
THE ASSOCIATED DIVERG BULK DATA ENTRY ID = %3.

7081.0 *** SYSTEM FATAL MESSAGE 7081 (DOPR3I)
DRESP1 ENTRY id = %1 INVOKES A %2 RESPONSE TYPE IN SUBCASE ID = %3.
but THE REQUIRED %4 SET CASE CONTROL command cannot be found.

7084.0 *** USER FATAL MESSAGE 7084 (DOPR3B)
DRESP1 BULK DATA ENTRY OF ID %1 REFERENCES A TRIM VARIABLE OF ID %2 WHICH CAN NOT BE FOUND.
USER INFORMATION: THE TRIM VARIABLE ID MUST REFER TO AN AESTAT OR AESURF BULK DATA ENTRY.

7085.0 *** USER FATAL MESSAGE 7085 (DOPR3I)
THE DENSITY RATIO OF %1 CANNOT BE FOUND IN THE FLFACT BULK DATA ENTRY ID = %2.
USER INFORMATION: EVERY DENSITY RATIO LISTED ON THE FLFACT REFERENCED BY THE DRESP1 ENTRY MUST APPEAR IN THE FLFACT REFERENCED BY THE FLUTTER ENTRY.

7086.0 *** USER FATAL MESSAGE 7086 (DOPR3I)
THE MACH NUMBER OF %1 CAN NOT BE FOUND IN THE FLFACT BULK DATA ENTRY OF ID %2.
USER INFORMATION: EVERY MACH NUMBER LISTED ON THE FLFACT REFERENCED BY THE DRESP1 ENTRY MUST APPEAR IN THE FLFACT REFERENCED BY THE FLUTTER ENTRY.

7087.0 *** USER FATAL MESSAGE 7087 (DOPR3I)
THE VELOCITY OF %1 CAN NOT BE FOUND IN THE FLFACT BULK DATA ENTRY OF ID %2.
USER INFORMATION: EVERY VELOCITY LISTED ON THE FLFACT REFERENCED BY THE DRESP1 ENTRY MUST APPEAR IN THE FLFACT REFERENCED BY THE FLUTTER ENTRY.

7088.0 *** USER FATAL MESSAGE 7088 (DSAD14)
THE FLUTTER MODE OF %1 REQUESTED ON A SET1 ENTRY IS GREATER THAN %2, THE NUMBER OF EXTRACTED MODES.
USER INFORMATION: SET1 IS REFERENCED BY DRESP1 BULK DATA WITH RTYPE = FLUTTER.

7088.1 *** SYSTEM FATAL MESSAGE 7088 (DOPR3I)
MODE NO. %1 ASSOCIATED WITH FLUTTER DRESP1 ID = %2 EXCEEDS %3, THE NUMBER OF MODES AVAILABLE FROM THE ANALYSIS.

7102.0 *** USER FATAL MESSAGE 7102 (DOPR3Z)
DCONSTR ID = %1 APPEARS MORE THAN ONCE ON DCONADD ENTRY %2.

7103.0 *** USER INFORMATION MESSAGE 7103 (DOPR3)
NO DCONSTR ENTRIES ARE SPECIFIED IN THE BULK DATA.

7104.0 *** USER FATAL MESSAGE 7104 (DOPR3F)
NO DCONSTR ENTRIES CAN BE FOUND WITH THE DESGLB = %1.

7104.1 *** USER FATAL MESSAGE 7104 (DOPR3F)
NO DCONSTR ENTRIES CAN BE FOUND WITH THE DESSUB = %1.

7105.0 *** USER FATAL MESSAGE 7105 (DOPR3F)
NO DCONSTR ID = %1 ENTRY CAN BE FOUND FOR DCONADD ENTRY ID = %2.

7114.0 *** SYSTEM FATAL MESSAGE 7114 (DOM2B)
LESS THAN 3 WORDS IN AN EPT RECORD

7115.0 *** USER FATAL MESSAGE 7115 (DOM2B)
PTYPE %1%2 IS NOT SUPPORTED

7116.0 *** SYSTEM FATAL MESSAGE 7116 (DOM2B)
LESS THEN 2 WORDS IN A PSHELL ENTRY, PID = %1

7116.1 *** SYSTEM FATAL MESSAGE 7116 (DOM2B)
LESS THAN 2 WORDS IN A PCOMP ENTRY, PID = %1

7119.0 *** SYSTEM FATAL MESSAGE 7119 (DOM2B)
INCORRECT ENTRY LENGTH AT PTYPE = %1%2 PID = %3

7124.0 *** USER FATAL MESSAGE 7124 (DOPR3B)
PTYPE %1 ON DRESP1 ID=%2 IS NOT DEFINED IN THE ANALYSIS MODEL

7125.0 *** USER FATAL MESSAGE 7125 (DOPR3G/DSECAS)
SUBCASE %1 ,SUBSPAN ID = %2 REFERENCES AN UNDEFINED SET.

7125.1 *** USER FATAL MESSAGE 7125 (DSECAS)
DRSPAN SET MAY NOT CONTAIN ALL DRESP1.

7125.2 *** USER FATAL MESSAGE 7125 (DSECAS)
DRSPAN SET %1 NOT FOUND.

7125.3 *** USER FATAL MESSAGE 7125 (DSECAS)
DRSPAN ID %1 REPEATED IN SUBCASES %2 AND %3

7126.0 *** USER FATAL MESSAGE 7126 (CHKPNL)
ERP CASE CONTROL FOR SUBCASE %1 REFERENCES NON-EXISTENT or DISREGARDED SET %2

7126.1 *** USER FATAL MESSAGE 7126 (CHKPNL)
ERP RELATED [SET %1 = ALL] NOT VALID. USE [ERP(...) = ALL]

7126.2 *** USER FATAL MESSAGE 7126 (CHKPNL)
NO ERP RELATED PANELS IN INPUT DECK FOR SUBCASE %1

7126.3 *** USER FATAL MESSAGE 7126 (CHKPNL)
SET %1 ENTRY %2%3 IS NOT A VALID ALPHANUMERIC DEFINED PANEL LABEL.

7127.0 *** USER FATAL MESSAGE 7127 (DOPR3B)
DRESP1 BULK DATA ENTRY OF ID %1 REFERENCES PTYPE %2 PID %3
THERE ARE NO ELEMENTS CORRESPONDING TO THIS COMBINATION.

7127.1 *** USER FATAL MESSAGE 7127 (DOPR3B)
DRESP1 BULK DATA ENTRY OF ID %1 REFERENCES PTYPE %2 WITH INCORRECT LAMINA NUMBER %3

7128.0 *** USER FATAL MESSAGE 7128 (DOPR3K)
CANNOT SPAWN CONSTRAINT %1 ON RESPONSE %2 FOR ANALYSIS TYPE %3
User Information:
Check for wrong analysis type, or response specified for a single frequency.
You may need to use constant bounds for the constraint instead of tables.

7129.0 *** USER FATAL MESSAGE 7129 (DOPR3K)
CONSTRAINT %1 LB > UB FROM TABLE(S) AT FREQUENCY %2
LOWER BOUND IS %3 BUT UPPER BOUND IS %4
User Information:
Data entry error is indicated.
Constraint lower bounds should not be greater than constraint upper bounds.

7137.0 *** USER FATAL MESSAGE 7137 (DOPR3C)
ON %1 entry ID = %2, DVID = %3 IS NOT DEFINED BY A DESVAR entry.

7139.0 *** USER FATAL MESSAGE 7139 (DOPR3C)
ON %1 entry ID = %2, DRESP1 ID = %3 DOES NOT REFERENCE AN EXISTING DRESP1 ENTRY.

7139.1 *** USER FATAL MESSAGE 7139 (DOPR3N)
ON DRESP2 entry ID = %1, DRESP2 ID = %2 DOES NOT REFERENCE AN EXISTING DRESP2 ENTRY.

7141.0 *** USER FATAL MESSAGE 7141
DRESP2 ENTRY ID = %1 REFERENCES DRESP1 ENTRIES WITH IDS = %2 AND %3.
THESE DRESP1 ENTRIES HAVE DIFFERENT RTYPES AND AT LEAST ONE OF THE ENTRIES HAS MORE THAN ONE ASSOCIATED RESPONSE.
USER INFORMATION: IF A DRESP2 ENTRY SPANS RESPONSE TYPES, THEN EACH ASSOCIATED DRESP1 ENTRY MUST GENERATE A SINGLE RESPONSE.

7141.1 *** USER FATAL MESSAGE 7141
%1 ENTRY ID = %2 REFERENCES DRESP1 ENTRIES WITH IDS = %3 AND %4.
THESE DRESP1 ENTRIES HAVE DIFFERENT RTYPES AND AT LEAST ONE OF THE ENTRIES HAS MORE THAN ONE ASSOCIATED RESPONSE.
USER INFORMATION: IF A %5 ENTRY SPANS RESPONSE TYPES, THEN EACH ASSOCIATED DRESP1 ENTRY MUST GENERATE A SINGLE RESPONSE.

7142.0 *** USER FATAL MESSAGE 7142
DRESP2 ENTRY ID = %1 REFERENCES DRESP1 ENTRIES WITH IDS = %2 AND %3.
THESE DRESP1 ENTRIES HAVE A DIFFERENT NUMBER OF RESPONSES.
USER INFORMATION: DRESP1 ENTRIES REFERENCED BY A DRESP2 ENTRY MUST HAVE THE SAME NUMBER OF RESPONSES

7142.1 *** USER FATAL MESSAGE 7142 (DOPR3J/DPR3J1)
%1 ENTRY ID = %2 REFERENCES DRESP1 = %3 AND DRESP2 ID = %4.
THESE REFERENCED ENTRIES HAVE A DIFFERENT NUMBER OF

RESPONSES.
USER INFORMATION: DRESP1 AND DRESP2 ENTRIES REFERENCED BY A %5 ENTRY MUST HAVE THE SAME NUMBER OF RESPON
SES

7142.2 *** USER FATAL MESSAGE 7142
%1 ENTRY ID = %2 REFERENCES DRESP2 ENTRIES WITH IDS = %3 AND %4.
THESE REFERENCED ENTRIES HAVE A DIFFERENT NUMBER OF RESPONSES.
USER INFORMATION: DRESP2 ENTRIES REFERENCED BY A %5 ENTRY MUST HAVE THE SAME NUMBER OF RESPONSES.

7142.3 *** USER FATAL MESSAGE 7142
%1 ENTRY ID = %2 REFERENCES DRESP1 ENTRIES WITH IDS = %3 AND %4.
THESE DRESP1 ENTRIES HAVE A DIFFERENT NUMBER OF RESPONSES.
USER INFORMATION: DRESP1 ENTRIES REFERENCED BY A %5 ENTRY MUST HAVE THE SAME NUMBER OF RESPONSES.

7143.0 *** USER FATAL MESSAGE 7143 (DOPR3H)
DRESP2 ID = %1 IS REFERENCED BY MORE THAN ONE DCONSTR ENTRY IN SUBCASE = %2.
USER INFORMATION: IMPOSING CONFLICTING CONSTRAINTS ON A RESPONSE WILL IMPEDE OPTIMIZATION AND MUST BE AVOIDED.

7143.1 *** USER FATAL MESSAGE 7143 (DOPR3H)
DRESP1 ENTRY ID = %1 IS REFERENCED BY MORE THAN ONE DCONSTR ENTRY IN SUBCASE = %2.
USER INFORMATION: THE IMPOSITION OF CONFLICTING CONSTRAINTS ON A RESPONSE WILL IMPEDE OPTIMIZATION AND MUST BE AVOIDED.

7144.0 *** USER FATAL MESSAGE 7144 (DOPR3H)
SUBCASE ID = %1 IMPOSES A DCONSTR ON UNDEFINED DRESPI ID = %2.

7145.0 *** USER FATAL MESSAGE 7145 (DOPR3H)
THE SUBSPAN COMMAND IN SUBCASE %1 REFERENCES DRESP1 ENTRY ID = %2
WHICH INVOKES MULTIPLE RESPONSES.
USER INFORMATION: DRESP1 ENTRIES REFERENCED BY A SUBSPAN REQUEST MUST BE A SCALAR QUANTITY.

7145.1 *** USER FATAL MESSAGE 7145 (DPSP23)
OF THE %1 DRESP1 IN DRESP2/3 RESPONSE ID %2,
ONLY %3 WERE FOUND TO BE DRSPAN RELATED.
USER INFORMATION: ALL DRESP1 IN A DRSPAN RELATED DRESP2/3 SHOULD BE DRSPAN RELATED.

7145.2 *** USER FATAL MESSAGE 7145 (DPSP23)
MISMATCH BETWEEN NUMBER OF DRESP1 IN DRESP2/3
RESPONSE ID %1
AND THE NUMBER OF DRSPAN RELATED DRESP1 FOUND FOR
THIS DRESP2/3.
USER INFORMATION: THIS MAY HAPPEN WITH INCONSISTENT OR
REPEATED DRSPAN DEFINITIONS.

7146.0 *** USER FATAL MESSAGE 7146 (DOPR3H)
SUBCASE ID = %1 REFERS TO AN UNDEFINED DRESP1 ID = %2 VIA
A SUBSPAN SET COMMAND.

7147.0 *** USER FATAL MESSAGE 7147 (DPR3H1)
THE DESOBJ COMMAND WITH ID = %1 REFERENCES A %2 ENTRY
WHICH IN TURN REFERENCES DRESP1 ID = %3
WHICH INVOKES MULTIPLE RESPONSES.
USER INFORMATION: THE DRESP1 ENTRIES INVOLVED IN
DEFINING THE OBJECTIVE MUST BE SCALAR QUANTITIES.

7147.1 *** USER FATAL MESSAGE 7147 (DPR3H2)
THE DESOBJ COMMAND WITH ID = %1 REFERENCES A %2 ENTRY
WHICH IN TURN REFERENCES DRESP2 ID = %3
WHICH INVOKES MULTIPLE RESPONSES.
USER INFORMATION: THE DRESP2 ENTRY INVOLVED IN DEFINING
THE OBJECTIVE MUST BE SCALAR QUANTITIES.

7148.0 *** USER FATAL MESSAGE 7148 (DOPR3H)
THE DESOBJ COMMAND WITH ID = %1 REFERENCES A DRESP1
ENTRY WHICH INVOKES MULTIPLE RESPONSES.
USER INFORMATION: DRESP1 ENTRIES INVOLVED IN DEFINING
THE OBJECTIVE MUST BE SCALAR QUANTITIES.

7149.0 *** USER FATAL MESSAGE 7149 (DOPR3H)
THE DESOBJ COMMAND WITH ID = %1 REFERS TO AN UNDEFINED
DRESPI ENTRY.
USER INFORMATION: THE DESOBJ COMMAND REFERENCES A
DRESP1 OR DRESP2 BULK DATA ENTRY WHICH MUST EXIST

7168.0 *** USER FATAL MESSAGE 7168 (DOPR3J)
EQID %1 REFERENCED ON DRESP2 %2 IS NOT PRESENT ON A
DEQATN ENTRY.

7168.1 *** USER FATAL MESSAGE 7168 (DOPR1Z)
EQID %1 REFERENCED ON DVPREL2 %2 IS NOT PRESENT ON A
DEQATN ENTRY.

7168.2 *** USER FATAL MESSAGE 7168 (DOPR1Z)
EQID %1 REFERENCED ON DVCREL2 %2 IS NOT PRESENT ON A
DEQATN ENTRY.

7168.3 *** USER FATAL MESSAGE 7168 (DOPR1Z)
EQID %1 REFERENCED ON DVMREL2 %2 IS NOT PRESENT ON A

DEQATN ENTRY.

7190.0 *** USER FATAL MESSAGE 7190 (DOPR1I)
PTYPE %1 DEFINED ON A %2 %3 ENTRY CAN NOT BE FOUND ON A PROPERTY ENTRY.
USER ACTION: DELETE THE %4 ENTRY OR INCLUDE AN ADDITIONAL PROPERTY ENTRY.

7190.1 *** USER FATAL MESSAGE 7190 (DOP1c1)
PTYPE %1 DEFINED ON A DVPREL1 ENTRY CAN NOT BE FOUND ON A PROPERTY ENTRY.
USER ACTION: DELETE THE DVPREL1 ENTRY OR INCLUDE AN ADDITIONAL PROPERTY ENTRY.

7193.0 *** USER FATAL MESSAGE 7193 (DOPR1I)
PID=%1 OF PTYPE %2 ON A %3 %4 ENTRY, IS NOT DEFINED ON A PROPERTY ENTRY.
USER ACTION: CHECK %5 AND PROPERTY ENTRIES.

7196.0 *** USER FATAL MESSAGE 7196 (DOPR1I)
FID=%1 SPECIFIED ON A %2 %3 ENTRY WITH PTYPE= %4 AND PID= %5 IS INVALID.
USER ACTION: CORRECT THE FID FIELD ON THE %6 ENTRY.

7196.1 *** USER WARNING MESSAGE 7196 (DOPR1I)
THE PROPERTY NAME 'D' SPECIFIED ON A %1 %2 ENTRY WILL BE IGNORED
BECAUSE PWELD ENTRY %3 DEFINES A RIGID BODY BEHAVIOR.

7197.0 *** USER FATAL MESSAGE 7197 (DOPR1I)
PTYPE=%1 PID=%2 PROPERTY NAME=%3 IS DEFINED MORE THAN ONCE BY %4 %5 ENTRY.
USER INFORMATION: DESIGNED PROPERTIES ON %6 MUST BE UNIQUE.

7200.0 *** USER FATAL MESSAGE 7200 (MDG2PAT)
INSUFFICIENT MEMORY TO GENERATE WELD ELEMENTS

7200.1 *** USER FATAL MESSAGE 7200 (MDG2PAT)
PWELD/PFAST NOT DEFINED FOR CWELD/CFAST ELEMENT %1

7200.2 *** USER FATAL MESSAGE 7200 (MDG2PAT)
TOO MANY ELEMENTS IN PATCH FOR CWELD/CFAST ELEMENT %1

7200.3 *** USER FATAL MESSAGE 7200 (MDG2PAT)
GHA/GHB POINTS LAY OUTSIDE OF PATCH FOR CWELD/CFAST ELEMENT %1

7200.4 *** USER FATAL MESSAGE 7200 (MDG2PAT)
ANGLE OF %1 BETWEEN SHELL ELEMENTS FOR CWELD/CFAST %2 EXCEEDS THE LIMIT OF %3

7200.5 *** USER FATAL MESSAGE 7200 (MDG2PAT)

DISTANCE BETWEEN GS AND GA/B OF %1 FOR CWELD/CFAST %2 EXCEEDS THE LIMIT OF %3

7200.6 *** USER INFORMATION MESSAGE 7200 (MDG2PAT)
CWELD/CFAST ELEMENT %1 HAS %2 DUPLICATE GRIDS BETWEEN THE TWO PATCHES

7200.7 *** USER FATAL MESSAGE 7200 (MDG2PAT)
INSUFFICIENT MEMORY FOR CWELD/CFAST ELEMENT PROCESSING

7201.0 *** USER FATAL MESSAGE 7200 (MDG2SPPD)
NO SHELL ELEMENT FOUND FOR CWELD/CFAST ELEMENT %1 DEFINED AS PARTPAT USING PID %2

7201.1 *** USER FATAL MESSAGE 7200 (EPCSMD)
CWELD/CFAST ELEMENT %1 CONNECTS TO GRID %2 WHICH HAS A DISPLACEMENT
COORDINATE SYSTEM WHICH IS NOT CURRENTLY SUPPORTED

7201.2 *** USER FATAL MESSAGE 7200 (MDG2SPPD)
CWELD/CFAST ELEMENT %1 CANNOT BE FORMED USING PARTPAT AS ONLY ELEMENT %2
MEETS THE PROJECTION AND PID CRITERIA

7202.0 *** USER FATAL MESSAGE 7200 (MDG2WREFD)
CWELD/CFAST ELEMENT %1 HAS ZERO LENGTH VECTOR

7220.0 *** USER FATAL MESSAGE 7220 (DOPR3T)
ON %1 entry ID = %2, DVPREL1 ID = %3 DOES NOT REFERENCE AN EXISTING DVPREL1 ENTRY.

7220.1 *** USER FATAL MESSAGE 7220 (DOPR3T)
%1 ENTRY ID = %2 SPECIFIES A DNODE GRID ID =%3 AND COMPONENT =%4
COMBINATION WHICH DOES NOT EXIST.
USER ACTION: MAKE SURE THE GRID AND COMPONENT ARE DEFINED IN THE ANALYSIS MODEL.

7220.2 *** USER FATAL MESSAGE 7220 (DOPR3T)
ON %1 entry ID = %2, DVCREL1 ID = %3 DOES NOT REFERENCE AN EXISTING DVCREL1 ENTRY.

7220.3 *** USER FATAL MESSAGE 7220 (DOPR3T)
ON %1 entry ID = %2, DVMREL1 ID = %3 DOES NOT REFERENCE AN EXISTING DVMREL1 ENTRY.

7220.4 *** USER FATAL MESSAGE 7220 (DOPR3T)
ON %1 entry ID = %2, DVPREL2 ID = %3 DOES NOT REFERENCE AN EXISTING DVPREL2 ENTRY.

7220.5 *** USER FATAL MESSAGE 7220 (DOPR3T)
ON %1 entry ID = %2, DVCREL2 ID = %3 DOES NOT REFERENCE AN EXISTING DVCREL2 ENTRY.

7220.6 *** USER FATAL MESSAGE 7220 (DOPR3T)
ON %1 entry ID = %2, DVMREL2 ID = %3 DOES NOT REFERENCE AN EXISTING DVMREL2 ENTRY.

7251.0 *** user FATAL MESSAGE 7251 (DOPR4)
THERE ARE NO PROPERTY OR SHAPE VARIABLES SPECIFIED IN THE DESIGN MODEL.
USER INFORMATION: PROPERTY VARIABLES ARE SPECIFIED ON DVPREL1 AND DVPREL2 BULK DATA ENTRIES.
SHAPE VARIABLES ARE SPECIFIED ON DVGRID ENTRIES OR INPUT DIRECTLY.

7300.0 *** SYSTEM FATAL MESSAGE 7300 (FMSFIO)
FORTRAN UNIT%1 USED FOR FMS HAS BEEN CLOSED AND DELETED.

7301.0 *** SYSTEM FATAL MESSAGE 7301 (FMSFIO)
CANNOT OPEN FORTRAN UNIT %1 USED FOR FMS.

7301.1 *** SYSTEM FATAL MESSAGE 7301 (FMSFIO)
CANNOT CLOSE FORTRAN UNIT %1 USED FOR FMS.

7302.0 *** SYSTEM FATAL MESSAGE 7302 (LNNP1AD)
ORDER OF EIGENPROBLEM IS NON-POSITIVE
NORDER: %1

7303.0 *** SYSTEM FATAL MESSAGE 7303 (LNNP1AD)
INSUFFICIENT STORAGE FOR BLOCK SHIFTED LANCZOS.
WORKSPACE AVAILABLE = %1
WORKSPACE REQUIRED = %2

7304.0 *** SYSTEM FATAL MESSAGE 7304 (LNNP1AD)
IMPROPER PARAMETER SPECIFICATION FOR EIGENPROBLEM
DESCRIPTION OF PROBLEM TYPE NOT RECOGNIZED
INPUT: %1

7304.1 *** SYSTEM FATAL MESSAGE 7304 (LNNP1AD)
IMPROPER PARAMETER SPECIFICATION FOR EIGENPROBLEM
LEFT END POINT EQUALS RIGHT END POINT
INPUT: %1

7304.2 *** SYSTEM FATAL MESSAGE 7304 (LNNP1AD)
IMPROPER PARAMETER SPECIFICATION FOR EIGENPROBLEM
DESCRIPTION OF WHICH EIGENVALUES TO FIND NOT RECOGNIZED
INPUT: %1

7304.3 *** SYSTEM FATAL MESSAGE 7304 (LNNP1AD)
IMPROPER PARAMETER SPECIFICATION FOR EIGENPROBLEM
HIGHEST EIGENVALUES REQUESTED IN AN INTERVAL SPANNING ZERO -OR-
HIGHEST EIGENVALUES REQUESTED IN A NON FINITE INTERVAL -OR-

ALL EIGENVALUES REQUESTED IN A NON FINITE INTERVAL
WHICH : %1
LEFT END POINT : %2
RIGHT END POINT: %3

7304.4 *** USER INFORMATION MESSAGE 7304 (LNNP2CD)
THE REQUESTED FREQUENCY RANGE EXCLUDES PART OF A CLUSTER OF
EIGENVALUES. THIS MAY PRODUCE UNSTABLE RESULTS IN FREQUENCY
OR TRANSIENT RESPONSE. THE NUMBER OF ROOTS HAS BEEN INCREASED
TO INCLUDE THE ENTIRE CLUSTER.
REQUESTED NUMBER OF ROOTS: %1
ADDITIONAL ROOTS IN CLUSTER: %2

7304.5 *** USER WARNING MESSAGE 7304 (LNNP2CD)
THE UPPER END OF THE FREQUENCY RANGE CUTS INTO A CLUSTER OF
EIGENVALUES. FREQUENCY OR TRANSIENT RESPONSE USING THIS MODAL
ANALYSIS MAY PRODUCE UNSTABLE RESULTS.
REQUESTED NUMBER OF ROOTS: %1
ADDITIONAL ROOTS IN CLUSTER: %2
USER ACTION: INCREASE ND ON THE EIGRL CARD BY THE SPECIFIED
NUMBER OF ADDITIONAL ROOTS, SPECIFY V2 AND LEAVE ND BLANK, OR
SET SYSTEM(509)=1.

7305.0 *** SYSTEM FATAL MESSAGE 7305 (LNNP1AD)
NOT ENOUGH TIME TO BEGIN EIGENANALYSIS

7306.0 *** USER FATAL MESSAGE 7306,
ATTEMPT TO PUNCH MORE THAN 99999 DMIG ENTRIES - CONTINUATION FIELD OVERFLOW.

7307.0 *** USER FATAL MESSAGE 7307,
ILLEGAL VALUE FOR PARAMETER P4. DMIG TYPOUT = %1
REQUESTED FOR INPUT MATRIX OF TYPE %2

7307.1 *** USER FATAL MESSAGE 7307,
ILLEGAL VALUE FOR PARAMETER P13. BLANK NAME NOT ALLOWED.

7308.0 *** USER INFORMATION MESSAGE 7308 (NL2NON)
MODIFIED NOLIN1 REQUESTED BY USER

7309.0 *** SYSTEM FATAL MESSAGE 7309.
NLEMGD CALLED FOR ELEMENT TYPE =%1 SHOULD NOT HAVE HAPPENED.

7310.0 *** USER INFORMATION MESSAGE 7310 (OFPH09)
REFERENCE GRID %1 WAS NOT FOUND.
ORIGIN OF ASSEMBLY BASIC COORDINATE SYSTEM WILL BE USED AS REFERENCE LOCATION.

7310.1 *** USER INFORMATION MESSAGE 7310 (VECPRN)
ORIGIN OF SUPERELEMENT BASIC COORDINATE SYSTEM WILL BE USED AS REFERENCE LOCATION.

7310.2 *** USER INFORMATION MESSAGE 7310 (VECPRN)
REFERENCE GRID %1 WAS NOT FOUND FOR VECPLOT OPERATION.
ORIGIN OF SUPERELEMENT BASIC COORDINATE SYSTEM WILL BE USED AS REFERENCE LOCATION.

7310.3 *** USER INFORMATION MESSAGE 7310 (VECPRN)
ORIGIN OF SUPERELEMENT BASIC COORDINATE SYSTEM WILL BE USED AS REFERENCE LOCATION.
RESULTANTS ABOUT ORIGIN OF SUPERELEMENT BASIC COORDINATE SYSTEM IN SUPERELEMENT BASIC SYSTEM COORDINATES.

7310.4 *** USER INFORMATION MESSAGE 7310 (VECPRN)
REFERENCE GRID %1 WAS NOT FOUND FOR VECPLOT OPERATION.
ORIGIN OF SUPERELEMENT BASIC COORDINATE SYSTEM WILL BE USED AS REFERENCE LOCATION.
RESULTANTS ABOUT ORIGIN OF SUPERELEMENT BASIC COORDINATE SYSTEM IN SUPERELEMENT BASIC SYSTEM COORDINATES.

7310.5 *** USER INFORMATION MESSAGE 7310 (VECPRN)
ORIGIN OF ASSEMBLY BASIC COORDINATE SYSTEM WILL BE USED AS REFERENCE LOCATION.

7310.6 *** USER INFORMATION MESSAGE 7310 (VECPRN)
REFERENCE GRID %1 WAS NOT FOUND FOR VECPLOT OPERATION.
ORIGIN OF ASSEMBLY BASIC COORDINATE SYSTEM WILL BE USED AS REFERENCE LOCATION.

7311.0 *** USER INFORMATION MESSAGE 7311
PID=%1 REQUEST PARALLEL PROCESSING FOR PCOPY MODULE.
NUMBER OF PROCESSORS AVAILABLE=%2
NUMBER OF PROCESSORS APPLIED=%3

7312.0 *** USER FATAL MESSAGE 7312 (RDINIC)
SCR300 SHOULD NOT BE USED AS A DBSET NAME, IT IS A SUBSET OF SCRATCH DBSET.

7313.0 *** USER INFORMATION MESSAGE 7313 (REIGL0)
DESPITE NEGATIVE SYSTEM CELL 199 VALUE %1

CHOSEN MASS MATRIX WILL NOT BE LOADED IN MEMORY.
DECREASE ABSOLUTE VALUE OF MASSBUF OR INCREASE MEMORY

7314.0 *** USER INFORMATION MESSAGE 7314 (REIGL0)
MASS MATRIX IS NOT LOADED IN MEMORY WITH %1 GINO BUFFERS.
EITHER INCREASE MAGNITUDE OF SYSTEM CELL 199 OR SET TO ZERO TO FORCE IN MEMORY

7315.0 *** USER INFORMATION MESSAGE 7315 (REIGL0)
MASS MATRIX IS FORCED IN MEMORY PER USER REQUEST
MEMORY REDUCED BY %1 WORDS

7316.0 *** USER INFORMATION MESSAGE 7316 (REIGL0)
MASS MATRIX IS LOADED IN MEMORY PER USER REQUEST WITH %1 GINO BUFFERS. MEMORY REDUCED BY %2 WORDS

7317.0 *** SYSTEM FATAL MESSAGE 7317.
INCORRECT NUMBER OF WORDS BEING TRANSMITTED FROM PHASE-1 ROUTINE FOR ELEMENT ID =%1
WORDS THIS CALL =%2 ENTRY SIZE SHOULD =%3

7318.0 *** SYSTEM FATAL MESSAGE 7318.
PREVIOUS ELEMENT-ID TO ID =%1 DID NOT OUTPUT CORRECT NUMBER OF PHASE-1 WORDS.

7319.0 *** SYSTEM FATAL MESSAGE 7319.
INCORRECT CALL MADE TO SDR2WT UTILITY FOR ELEMENT ID =%1, PARM =%2

7320.0 ***SYSTEM FATAL MESSAGE 7321.
INCONSISTENT DATA DETECTED BETWEEN THE OES1A LAMINATE STRAIN AND OEF1A ELEMENT FORCE DATABLOCKS

7321.0 ***USER INFORMATION MESSAGE 7321
DATA RECOVERY FOR SUPERELEMENT %1 IS NOW INITIATED.

7322.0 *** USER FATAL MESSAGE 7322 (SEP2D)
SUBCASES FOR SUPERELEMENT %1 CONTAIN A MIXTURE OF ZERO AND NON-ZERO LOAD SEQUENCE NUMBERS.

7323.0 *** USER FATAL MESSAGE 7323 (SEP2D)
SUBCASES FOR SUPERELEMENT %1 HAS A LOAD SEQUENCE NUMBER = %2 WHICH IS OUT OF ORDER.

7324.0 *** USER FATAL MESSAGE 7324 (SEP2D)
SUBCASES FOR SUPERELEMENT %1 HAS A LOAD SEQUENCE NUMBER =%2 WHICH IS GREATER THAN NUMBER OF LOADS.

7325.0 *** USER INFORMATION MESSAGE 7325
PROCESSING OF RESIDUAL STRUCTURE IS NOW INITIATED.

7325.1 *** USER INFORMATION MESSAGE 7325
PROCESSING OF SUPERELEMENT %1 IS NOW INITIATED.

7326.0 *** USER INFORMATION MESSAGE 7326
%1 SPARSE FACTOR MATRIX %2 IS MIGRATED TO V68 SPARSE FACTOR MATRIX FORMAT.

7327.0 *** SYSTEM FATAL MESSAGE 7327 (USTSIL)
INCONSISTENT MAPPING DETECTED BETWEEN SIL TABLE AND USET RECORD.

7327.1 *** SYSTEM FATAL MESSAGE 7327 (FIXSIL)
INCONSISTENT MAPPING LENGTH DETECTED IN SILD RECORD.

7328.0 *** SYSTEM FATAL MESSAGE 7328 (USTSIL)
SET %1 CANNOT BE LOCATED IN USET MAPPING RECORD.

7329.0 *** SYSTEM WARNING MESSAGE 7329 (MTGN12)
AVERAGE STRING LENGTH GIVEN DOES NOT CORRESPOND TO THE OTHER PROPERTIES OF THE MATRIX.

7330.0 *** USER WARNING MESSAGE 7330 (TIMTS3)
UNABLE TO FIND A MATCHING MACH AND/OR KONFIG!
MACHINE DESCRIPTION SECTION FILLED WITH BLANKS.

7331.0 *** SYSTEM FATAL MESSAGE 7331 (FMSGET)
OUTPUT RECORD NUMBER %1 GIVEN RECORD TYPE %2 IS MISMATCHED FOR %3 DATA RECORD.
%4%5

7331.1 *** SYSTEM FATAL MESSAGE 7333 (FMSPUT)
INPUT RECORD NUMBER %1 HAS EXCEEDED TOTAL NUMBER OF RECORDS DEFINED ON THE HEADER.
CONTENT OF HEADER RECORD:
"%2"%3

7332.0 *** SYSTEM FATAL MESSAGE 7332 (FMSGET)
OUTPUT RECORD NUMBER %1 REQUESTED NUMBER OF DATA %2 HAS EXCEEDED RECORD SIZE FOR %3 DATA RECORD.
%4%5

7333.0 *** SYSTEM FATAL MESSAGE 7332 (FMSGET)
OUTPUT RECORD NUMBER %1 HAS EXCEEDED TOTAL NUMBER OF RECORDS DEFINED ON HEADER.
CONTENT OF HEADER RECORD:
%2%3

7334.0 *** SYSTEM FATAL MESSAGE 7334 (FMSGET)
END OF FILE HIT WHILE READING RECORD NUMBER %1 OF %2 DATA RECORD.
CONTENT OF HEADER RECORD:
%3%4

7335.0 *** SYSTEM FATAL MESSAGE 7335 (FMSGET)
HEADER TYPE %1 MAY NOT HAVE DATA RECORDS
CONTENT OF HEADER RECORD:
%2%3

7336.0 *** SYSTEM FATAL MESSAGE 7336 (FMSPUT)
INVALID DATA TYPE FOUND IN HEADER, TYPE = %1 CONTENT OF HEADER RECORD:
"%2"%3

7337.0 *** SYSTEM FATAL MESSAGE 7337 (FMSPUT)
INPUT RECORD NUMBER %1 GIVEN RECORD TYPE %2 IS MISMATCHED FOR %3 DATA RECORD.
"%4"%5

7338.0 *** SYSTEM FATAL MESSAGE 7338 (FMSPUT)
INPUT RECORD NUMBER %1 GIVEN AMOUNT OF DATA %2 IS MISMATCHED FOR %3 DATA RECORD.
CONTENT OF HEADER RECORD:
"%4"%5

7339.0 *** USER FATAL MESSAGE 7339 (NLTINT)
METHOD = AUTO OR TSTEP ON THE TSTEPNL BULK DATA ENTRY IS SPECIFIED ALONG WITH CBUSH1D ELEMENTS(S). THIS IS NOT ALLOWED.
USER ACTION: SPECIFY METHOD = ADAPT ON THE TSTEPNL ENTRY.

7339.1 *** USER FATAL MESSAGE 7339 (NLTINT)
METHOD = AUTO OR TSTEP ON THE TSTEPNL BULK DATA ENTRY IS SPECIFIED ALONG WITH CBUSH ELEMENTS(S) AND EITHER PBUSHT OR
PARAM LGDISP=1. THIS IS NOT ALLOWED. USER ACTION: SPECIFY METHOD = ADAPT ON THE TSTEPNL ENTRY.

7340.0 *** SYSTEM FATAL MESSAGE 7340 (LNNHERR)
ERROR HANDLER (LNNHERR) USED IMPROPERLY
MODE = %1 FROM %2

7340.1 *** SYSTEM FATAL MESSAGE 7340 (LNNHERR)
ERROR HANDLER (LNNHERR) MESSAGE LIMIT EXCEEDED
ONE OR MORE MESSAGES SUPPRESSED

7340.2 *** SYSTEM FATAL MESSAGE 7340 (LNNHERR)
WARNING REPORTED BY SUBROUTINE %1 (IER= %2)
USER INFORMATION:%3

7340.3 *** SYSTEM FATAL MESSAGE 7340 (LNNHERR)
INPUT ARGUMENT ERROR REPORTED BY SUBROUTINE %1 (IER= %2)
USER INFORMATION:%3

7340.4 *** SYSTEM FATAL MESSAGE 7340 (LNNHERR)
INPUT ARGUMENT ERROR REPORTED BY SUBROUTINE %1
%2 WORDS OF WORKING STORAGE NEEDED (IER= %3)
USER INFORMATION:%4

7340.5 *** SYSTEM FATAL MESSAGE 7340 (LNNHERR)

PROCESS ERROR REPORTED BY SUBROUTINE %1 (IER= %2)
USER INFORMATION:%3

7340.6 *** SYSTEM FATAL MESSAGE 7340 (LNNHERR)
ABOVE CALLED BY SUBROUTINE %1 (IER= %2)
USER INFORMATION:%3

7340.7 *** SYSTEM FATAL MESSAGE 7340 (LNNHERR)
ABOVE CALLED BY SUBROUTINE %1
ERROR WAS UNEXPECTED (IER =%2)
USER INFORMATION:%3

7340.8 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
STAGE ERROR.

7340.9 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
ILLEGAL PROBLEM TYPE SPECIFICATION.

7340.10 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
ILLEGAL FINITE ENDPOINTS.

7340.11 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
REQUESTED HIGHEST MODES IN INTERVAL SPANNING ZERO.

7340.12 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
INSUFFICIENT DYNAMIC MEMORY FOR FACTORIZATION.

7340.13 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
INTERNAL ERROR DURING FACTORIZATION.

7340.14 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
NOT ENOUGH TIME TO GET STARTED.

7340.15 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
STARTING BLOCK I/O ERROR.

7340.16 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
I/O ERROR ON FACTORIZATION SEQUENTIAL SAVE/RESTART FILES.

7340.17 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
I/O ERROR ON FACTORIZATION WORD ADDRESSABLE FILES.

7340.18 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
I/O ERROR OPENING FIRST SEQUENTIAL FILE.

7340.19 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
I/O ERROR OPENING SECOND SEQUENTIAL FILE.

7340.20 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
I/O ERROR OPENING DIRECT ACCESS FILE.

7340.21 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
INSUFFICIENT STORAGE ENCOUNTERED BY SUBROUTINE HDSER1.

7340.22 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
TRIDIAGONAL QL DID NOT CONVERGE.

7340.23 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
NUMBER OF COMPUTED EIGENVALUES EXCEED ALLOCATED STORAGE.

7340.24 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
I/O ERROR ENCOUNTERED DURING HDSER1.

7340.25 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
SVD QL DID NOT CONVERGE.

7340.26 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
GRAM-SCHMIDT DID NOT CONVERGE.

7340.27 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
REPEATED SINGULAR MATRIX -- PROBABLY ILL-POSED PROBLEM.

7340.28 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
NUMBER OF TRUST REGION EXCEED ALLOCATED STORAGE.

7340.29 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
FACTORIZATION RESTORATION ERROR.

7340.30 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
INCONSISTENT TREATMENT OF NUMBER OF EIGENVALUES IN FINITE INTERVAL.

7340.31 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
COULD NOT COMPUTE ZERO EIGENVALUES FOR A BUCKLING CASE.

7340.32 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
I/O ERROR CLOSING FIRST SEQUENTIAL FILE.

7340.33 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
I/O ERROR CLOSING SECOND SEQUENTIAL FILE.

7340.34 *** SYSTEM FATAL MESSAGE 7340 (LNNRIGL)
UNKNOWN INTERNAL ERROR OCCURRED.

7341.0 *** USER FATAL MESSAGE 7341 (SEPMA1)
THE SEIDA FIELD ON THE %1 BULK DATA ENTRY REFERENCES A NON-PARTITIONED SUPERELEMENT ID=%2.

7342.0 *** USER FATAL MESSAGE 7342 (PREMAT)
THE FIRST POINT (X1,Y1) SPECIFIED ON THE TABLES1 BULK DATA ENTRY ID = %1 IS NOT LOCATED
AT THE ORIGIN OF THE STRESS-STRAIN CURVE.

7343.0 *** USER FATAL MESSAGE 7343,
THE ERROR VALUE FOR RBE3 ELEMENT %1 IS %2, WHICH EXCEEDS THE TEST CRITERION OF %3.
USER INFORMATION: THE RECIPROCAL CONDITION NUMBER OF THE EQUILIBRIUM MATRIX IS %4.
USER ACTION: ADD MORE DOFS TO THE CONNECTED POINTS TO INSURE THAT THEY CAN CONSTRAIN ALL 6 RIGID BODY MODES

OF THE ELEMENT.

7344.0 *** SYSTEM WARNING MESSAGE 7344 (DFMFRD)
IFLAG =%1
PIVOT%2 HAS DIFFERENT SIGN FROM THE PREVIOUS ONE

7345.0 *** SYSTEM FATAL MESSAGE 7345 (FIXSIL)
G-SET SIL ID%1 CANNOT BE LOCATED IN SILD MAPPING RECORD.

7346.0 *** SYSTEM WARNING MESSAGE 7346 (SEPLT3)
SUPERELEMENT ID = %1 CONTAINS INVALID DATA
INFORMATION.
(DATA TYPE = %2 COLUMN SIZE = %3 LUSET = %4 GSIZE= %5)

7347.0 *** SYSTEM WARNING MESSAGE 7347 (SEPLT3)
ROW NUMBER %1 EXCEEDED MAXIMIUM SIZE %2

7348.0 *** SYSTEM FATAL MESSAGE 7348
NUMBER OF GRID ID-S CONTAINED IN TEMPERATURE SET %1
EXCEEDS NUMBER OF GRID POINTS DEFINED

7349.0 *** SYSTEM FATAL MESSAGE 7349
TEMPERATURE TYPE =%1
IS NOT YET IMPLEMENTED. ELEMENT TYPE CONCERNED = %2

7350.0 *** USER FATAL MESSAGE 7350.
TEMPP2 DATA MAY NOT BE USED FOR ELEMENTS OF THE TYPE
WHICH ID = %1 IS OF.

7353.0 *** SYSTEM INFORMATION MESSAGE 7353 (PXINIT)
PID =%1 REQUEST INITIALIZATION THE EXECUTIVE AREAS FOR
%2 PARALLEL PROCESSES

7354.0 *** SYSTEM WARNING MESSAGE 7354
IN TIME_TEST_4
UNABLE TO FIND A MATCHING MACH AND/OR KONFIG!
MACHINE DESCRIPTION SECTION FILLED WITH BLANKS.

7355.1 *** SYSTEM FATAL MESSAGE 7355 (ISHELL)
ISHELL PROCESSING FAILED.
FACILITY NOT AVAILABLE ON THIS PLATFORM.
PROGRAM NAME IS '%1', TIMEOUT (SYS275) VALUE IS %2.

7355.2 *** USER FATAL MESSAGE 7355 (ISHELL)
ISHELL PROCESSING FAILED.
NO PROGRAM NAME SPECIFIED OR PROGRAM NAME IS BLANK.
PROGRAM NAME IS '%1', TIMEOUT (SYS275) VALUE IS %2.

7355.3 *** USER FATAL MESSAGE 7355 (ISHELL)
ISHELL PROCESSING FAILED.
REQUESTED PROGRAM COULD NOT BE FOUND.
PROGRAM NAME IS '%1', TIMEOUT (SYS275) VALUE IS %2.

7355.4 *** SYSTEM FATAL MESSAGE 7355 (ISHELL)
ISHELL PROCESSING FAILED.

SIGNAL HANDLING FAILED WHILE ATTEMPTING TO RUN SPECIFIED PROGRAM.
PROGRAM NAME IS '%1', TIMEOUT (SYS275) VALUE IS %2.

7355.5 *** SYSTEM FATAL MESSAGE 7355 (ISHELL)
ISHELL PROCESSING FAILED.
UNABLE TO CREATE A NEW PROCESS. SYSTEM LIMITS MAY HAVE BEEN EXCEEDED.
PROGRAM NAME IS '%1', TIMEOUT (SYS275) VALUE IS %2.

7355.6 *** USER FATAL MESSAGE 7355 (ISHELL)
ISHELL PROCESSING FAILED.
PROGRAM HAS TIMED OUT.
PROGRAM NAME IS '%1', TIMEOUT (SYS275) VALUE IS %2.

7355.7 *** SYSTEM FATAL MESSAGE 7355 (ISHELL)
ISHELL PROCESSING FAILED.
UNEXPECTED STATUS RETURNED WHILE WAITING FOR PROGRAM COMPLETION.
PROGRAM NAME IS '%1', TIMEOUT (SYS275) VALUE IS %2.

7355.8 *** SYSTEM FATAL MESSAGE 7355 (ISHELL)
ISHELL PROCESSING FAILED.
ACCESS DENIED TO REQUESTED PROGRAM OR IT IS NOT EXECUTABLE.
PROGRAM NAME IS '%1', TIMEOUT (SYS275) VALUE IS %2.

7355.9 *** SYSTEM FATAL MESSAGE 7355 (ISHELL)
ISHELL PROCESSING FAILED.
UNABLE TO ACQUIRE DYNAMIC MEMORY TO HOLD COMPLETE COMMAND (MALLOC FAILED).
PROGRAM NAME IS '%1', TIMEOUT (SYS275) VALUE IS %2.

7355.10 *** SYSTEM FATAL MESSAGE 7355 (ISHELL)
ISHELL PROCESSING FAILED.
UNABLE TO CREATE COMMUNICATIONS PIPE WITH REQUESTED PROGRAM.
PROGRAM NAME IS '%1', TIMEOUT (SYS275) VALUE IS %2.

7355.11 *** SYSTEM WARNING MESSAGE 7355 (ISHELL)
ISHELL PROCESSING FAILED.
REFINED FAILED. UNABLE TO REFINE WITH POLYNAST.
PROGRAM NAME IS '%1', TIMEOUT (SYS275) VALUE IS %2.

7355.12 *** SYSTEM FATAL MESSAGE 7355 (ISHELL)
ISHELL PROCESSING FAILED.
UNKNOWN ERROR ENCOUNTERED WHILE RUNNING PROGRAM.
PROGRAM NAME IS '%1', TIMEOUT (SYS275) VALUE IS %2.

7356.0 *** SYSTEM FATAL MESSAGE 7356 (GICOMD)
SPLINE %1 FAILED TO CONVERGE IN EIGEN ANALYSIS. UNABLE TO OBTAIN A LEAST SQUARES PLANE.

USER ACTION: USE TPS METHOD.

7357.0 *** SYSTEM INFORMATION MESSAGE 7357 (GICOMD)
SPLINE %1 IS COMPRISED OF A SET OF COPLANAR GRID POINTS.
TPS METHOD REVERTS TO IPS FOR THIS CASE.

7358.0 *** USER FATAL MESSAGE 7358 (GICOMD)
SPLINE %1 IS COMPRISED OF A SET OF COLLINEAR GRID POINTS.
USER ACTION: MODIFY THE GRIDS SO THEY ARE NOT COLLINEAR.

7358.1 *** SYSTEM INFORMATION MESSAGE 7358 (GICOMD)
SPLINE %1 IS COMPRISED OF A SET OF COLLINEAR GRID POINTS.
USER INFORMATION: SMOOTHING PARAMETER DZ MAY ALLOW SOLUTION.

7359.0 *** USER FATAL MESSAGE 7359 (GICOMD)
SPLINE %1 CONNECTS TO ONLY ONE STRUCTURAL GRID POINT.
USER ACTION: ADD GRID POINTS OR USE SPLINE2 WITH COUPLED ROTATIONS.

7360.0 *** USER INFORMATION MESSAGE 7360 (DOIT)
UNABLE TO PROCESS USER SPECIFIED EXTENSION.
COMMAND PROCESSOR NOT FOUND FOR EXTENSION '%1'
PROCESSOR NAME IS '%2'.

7361.0 *** USER INFORMATION MESSAGE 7361 (DOIT)
UNABLE TO ACQUIRE DYNAMIC MEMORY TO HOLD EXTENSIONS TABLE.
SPACE REQUESTED IS %1 BYTES.
INTERNAL TABLE WILL BE USED.

7362.0 *** USER INFORMATION MESSAGE 7362 (DOIT)
THE COMPLETE ISHELL COMMAND IS: %1

7363.0 *** SYSTEM FATAL MESSAGE 7363 (FGNFRD)
ERROR READING THE FACTOR MATRIX WITH %1. REQUESTED %2 COLUMNS, READ %3 COLUMNS.
USER ACTION: DESELECT THE SUPERMODULE BY SETTING PARAM,SM,NO IN THE BULK DATA SECTION.

7364.0 *** SYSTEM FATAL MESSAGE 7364 (STATICS)
THE SUPERMODULES ARE NOT AVAILABLE WHEN THE FULL DMAP IS EXECUTED ON EACH NODE.
USER ACTION: SET SLAVE=YES ON THE SUBMITTAL LINE.

7365.0 *** SYSTEM WARNING MESSAGE 7365 (DISOFN)
ENCOUNTERED BAD KEY VALUE WHILE READING %1 FROM PARALLEL NODE %2
USER INFORMATION:
1. CHECK TO SEE IF FILE IS CORRECT OFP FILE TYPE.
PROGRAMMERS INFORMATION:
KEY = %3

7366.0 *** SYSTEM WARNING MESSAGE 7366 (DISOFG)
UNABLE TO TRANSFER DATABLOCK %1 FROM PARALLEL NODE %2
UNSUPPORTED OFP FILE TYPE %3

7367.0 *** USER FATAL MESSAGE 7367 (MKCNT)
THE CONTROL DEVICE DEFINED ON AE%1 ENTRY ID = %2 SPECIFIES LABEL INTERCPT.
USER INFORMATION: THE LABEL INTERCPT IS A RESERVED LABEL AND CANNOT BE USED FOR ANY CONTROL DEVICES.
USER ACTION: RENAME THE LABEL ON CONTROL DEVICE AE%3 ENTRY ID= %4.

7368.0 *** USER WARNING MESSAGE 7368 (ADGDJX)
W2GJ WEIGHTING MATRIX HAS %1 COLUMNS.
USER INFORMATION: ONLY ITS FIRST COLUMN IS BEING USED AS THE (SINGLE) INTERCEPT EFFECT IN THE DOWNWASH MATRIX.

7369.0 *** USER FATAL MESSAGE 7369 (ADGDJX)
W2GJ WEIGHTING MATRIX IS OF SIZE %1 COLUMN(S) BY %2 ROWS.
USER INFORMATION: ITS NUMBER OF ROWS SHOULD BE EQUAL TO THE J-SET SIZE %3.
USER ACTION: INPUT THE W2GJ WEIGHTING MATRIX WITH ITS NUMBER OF ROWS EQUALS TO %4.

7370.0 *** USER FATAL MESSAGE 7370 (CEAD)
INVALID METHOD = "%1" IS SPECIFIED FOR THE 4TH PARAMETER OF THE CEAD MODULE.
USER INFORMATION: VALID METHODS ARE "CLAN", "HESS", AND "SVD".

7371.0 *** SYSTEM FATAL MESSAGE 7371 (FREQ)
INSUFFICIENT SPACE FOR PROCESSOR MAP AND PERFORMANCE DATA. MCORE = %1, NUMBER OF PROCESSORS = %2.
USER ACTION: LIMIT NUMBER OF PROCESSORS PARTICIPATING IN THE RUN TO %3.

7372.0 *** USER FATAL MESSAGE 7372 (APD1)
THE DATA DEFINED ON THE AEFACT ENTRY ID = %1 ASSOCIATED WITH CAERO%2 ENTRY ID = %3 IS INCONSISTENT.
USER INFORMATION: THE MINIMUM AND MAXIMUM PARAMETRIC COORDINATES CANNOT BE EQUAL.

7373.0 *** SYSTEM FATAL MESSAGE 7373 (MKCSTA)
COORDINATE SYSTEM DATA BLOCKS ARE OF INCOMPATIBLE PRECISIONS TO BE MERGED.
STRUCTURAL CSTM IS %1 PRECISION.
AERO CSTM IS %2 PRECISION.

7374.0 *** SYSTEM FATAL MESSAGE 7374 (MKCSTA)
BOTH INPUT COORDINATE SYSTEMS AND OUTPUT COORDINATE

SYSTEMS DATA BLOCKS ARE NOT PURGED.
USER INFORMATION: IF THE OUTPUT COORDINATE SYSTEMS DATABLOCK IS NOT PURGED,
ONE OF THE INPUT DATA BLOCKS MUST BE PURGED.

7375.0 *** SYSTEM FATAL MESSAGE 7175 (MKCSTA)
STRUCTURAL CSTM SHOULD BE ADDED ONLY ONCE TO CSTMA.

7376.0 *** SYSTEM FATAL MESSAGE 7376 (MKCSTA)
COORDINATE SYSTEM ID %1 WAS FOUND IN BOTH COORDINATE SYSTEMS TABLES BUT DOES NOT DESCRIBE THE SAME COORDINATE SYSTEM.
USER INFORMATION: COORDINATE SYSTEMS TABLES TO MERGE WITH CONFLICTED COORDINATE SYSTEMS IDS ARE NOT HANDLE AT THIS TIME.
USER ACTION: INPUT COORDINATE SYSTEM IDS TO ALLOW UNIQUESS AMONG AREO AND STRUCTURAL MODELS COMBINED

7377.0 *** SYSTEM FATAL MESSAGE 7377 (ADCSTM)
GINO FILE TO STORE %1 RECORD IS NOT PROVIDED.
PROGRAMMER INFORMATION: ADCSTM UTILITY IS CALLED BY %2
PROGRAMMER ACTION: PRIOR TO CALL THE ADCSTM UTILITY, PROVIDE THREE OPEN-TO-WRITE GINO FILES.

7378.0 *** SYSTEM FATAL MESSAGE 7378 (ADCSTM)
INPUT CSTM PRECISION %1 IS INVALID.
PROGRAMMER INFORMATION: THE CSTM PRECISION SHOULD BE 1 or 2. ADCSTM UTILITY IS CALLED BY %2

7379.0 *** SYSTEM FATAL MESSAGE 7379 (ADCSTM)
INPUT COORDINATE SYSTEM %1 OF CONVECTIVE TYPE %2 HAS NO INDICES.
PROGRAMMER INFORMATION: ADCSTM UTILITY IS CALLED BY %3
PROGRAMMER ACTION: PROVIDE THE INDICES TO BUILD A CONVECTIVE COORDINATE SYSTEM.

7380.0 *** SYSTEM FATAL MESSAGE 7380 (MKCSTA)
COORDINATE SYSTEM ID %1 WAS FOUND IN BOTH COORDINATE SYSTEMS DATA BLOCKS TO MERGE BUT DOES NOT DESCRIBE THE SAME COORDINATE SYSTEM.
USER INFORMATION: COORDINATE sYSTEM DATA BLOCKS TO MERGE CAN NOT HAVE CONFLICTED COORDINATE SYSTEMS IDS.

7382.0 *** SYSTEM INFORMATION MESSAGE 7382 (CLASDD)
LARGEST NORMALIZED RESIDUAL FOR COMPLEX EIGENSOLUTION IS %1

7383.0 *** USER WARNING MESSAGE 9002 (GPJAC)
%1 ELEMENT ID =%2 HAS INVERTED GEOMETRY ON A %3.

USER INFORMATION: THIS CONDITION CAN CAUSE NON-PHYSICAL RESULTS.

7383.1 *** USER FATAL MESSAGE 9002 (GPJAC)
%1 ELEMENT ID =%2 HAS INVERTED GEOMETRY ON A %3.
USER INFORMATION: THIS CONDITION CAN CAUSE NON-PHYSICAL RESULTS.

7384.0 *** USER FATAL MESSAGE 7384 (DOPR3N)
DRESP2 ENTRY ID = %1 REFERENCES ITSELF.

7385.0 *** USER FATAL MESSAGE 7385 (DOPR1C)
THE PROPERTY NAME (FIFTH FIELD) ON DVPREL1 ENTRY ID = %1 CONTAINS INTEGER DATA FOR
A PBEAML PROPERTY ENTRY.
USER ACTION: FOR PBEAML ENTRIES, SPECIFY CHARACTER STRINGS SUCH AS DIM1, DIM2, etc.

7386.0 *** USER WARNING MESSAGE 7386.0 (CLASDD)
THE ND FIELD (NUMBER OF DESIRED ROOTS) ON THE EIGC BULK DATA ENTRY IS BLANK OR IS SET TO ZERO.
USER ACTION: VERIFY THAT ND IS SET CORRECTLY. ND MUST BE SET IN FIELD 8 OF THE EIGC BULK DATA ENTRY.
IF A CONTINUATION ENTRY IS USED, ND MUST BE SET IN FIELD 8 OF EACH CONTINUATION ENTRY.
USER INFORMATION: THE NUMBER OF DESIRED ROOTS WILL BE SET TO %1, WHICH IS TWICE THE INITIAL BLOCK SIZE.

7386.1 *** USER WARNING MESSAGE 7386.1 (CLASDD)
THE 6TH PARAMETER OF THE CEAD MODULE (NUMBER OF DESIRED ROOTS) IS NOT SPECIFIED OR IS SET TO ZERO.
USER INFORMATION: THE NUMBER OF DESIRED ROOTS WILL BE SET TO %1, WHICH IS TWICE THE INITIAL BLOCK SIZE.

7386.2 *** USER WARNING MESSAGE 7386.2 (LNNRIGL)
THE ND, V1, AND V2 FIELDS ON THE EIGRL BULK DATA ENTRY ARE ALL BLANK OR SET TO ZERO.
USER ACTION: VERIFY THAT ND,V1, AND V2 ARE SET IN THE APPROPRIATE FIELDS:
V1 MUST BE SET IN FIELD 3, V2 MUST BE SET IN FIELD 4, AND ND MUST BE SET IN FIELD 5 OF THE EIGRL BULK DATA ENTRY.
USER INFORMATION: THE NUMBER OF DESIRED ROOTS (ND) WILL BE SET TO %1.

7386.3 *** USER WARNING MESSAGE 7386.3 (LNNRIGL)
THE ND, F1, AND F2 FIELDS ON THE EIGR BULK DATA ENTRY ARE ALL BLANK OR SET TO ZERO.
USER ACTION: VERIFY THAT ND,F1, AND F2 ARE SET IN THE APPROPRIATE FIELDS:
F1 MUST BE SET IN FIELD 4, F2 MUST BE SET IN FIELD 5, AND ND MUST BE SET IN FIELD 7 OF THE EIGR BULK DATA ENTRY.

USER INFORMATION: THE NUMBER OF DESIRED ROOTS (ND)
WILL BE SET TO %1.

7386.4 *** USER WARNING MESSAGE 7386 (LNNRIGL)
THE 8TH, 9TH, AND 11TH PARAMETERS OF THE READ MODULE
(F1,F2, AND ND RESPECTIVELY) ARE NOT SPECIFIED OR ARE SET
TO ZER
O.
USER INFORMATION: THE NUMBER OF DESIRED ROOTS (ND)
WILL BE SET TO %1.

7386.5 *** USER WARNING MESSAGE 7386 (LNNRIGL)
NO UPPER FREQUENCY SPECIFIED FOR HIERARCHIC DMP.
HEURISTIC UPPER FREQUENCIES WILL BE USED FOR EACH
SEGMENT.
USER ACTION: FOR BEST PERFORMANCE WITH HIERARCHIC DMP,
SPECIFY AN UPPER FREQUENCY V2 AND LEAVE ND BLANK.

7386.6 *** USER WARNING MESSAGE 7386 (LNNRIGL)
THE DESIRED NUMBER OF ROOTS (ND) HAS BEEN SPECIFIED FOR
FDMODES.
IF THERE ARE CONSIDERABLY MORE THAN ND ROOTS IN THE
SPECIFIED INTERVAL, POOR LOAD BALANCE MAY RESULT.
USER ACTION: FOR BEST PERFORMANCE WITH FDMODES,
SPECIFY AN UPPER FREQUENCY V2 AND LEAVE ND BLANK.

7386.7 *** USER WARNING MESSAGE 7386 (LNNRIGL)
NO UPPER FREQUENCY SPECIFIED FOR FDMODES. HEURISTIC
UPPER FREQUENCIES WILL BE USED FOR EACH SEGMENT.
USER ACTION: FOR BEST PERFORMANCE WITH FDMODES,
SPECIFY AN UPPER FREQUENCY V2 AND LEAVE ND BLANK.

7387.0 *** SYSTEM FATAL MESSAGE 7387 (SITDRV)
DISTRIBUTED PARALLEL PROCESSING HAS BEEN REQUESTED
WITH PURGED PARTITIONING INFORMATION.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE
CUSTOMER SUPPORT.

7388.0 *** SYSTEM FATAL MESSAGE 7388 (SITDRV)
NUMBER OF LOCAL ROWS IS INCONSISTENT BETWEEN SYSTEM
MATRIX AND PARTITIONING INFORMATION.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE
CUSTOMER SUPPORT.

7389.0 *** SYSTEM FATAL MESSAGE 7389 (DDSMAP)
THE GLOBAL ROW NUMBER %1 ASSIGNED TO LOCAL ROW
NUMBER %2 IS OUT OF RANGE.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE
CUSTOMER SUPPORT.

7390.0 *** SYSTEM FATAL MESSAGE 7390 (DDSMAP)
AN EEQIND INDEX FOR THE GLOBAL ROW NUMBER %1 IS OUT OF

RANGE.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7391.0 *** SYSTEM FATAL MESSAGE 7391 (DDSMAP)
THE ID OF ONE OF THE PROCESSORS SHARING GLOBAL ROW NUMBER %1 IS OUT OF RANGE.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7392.0 *** SYSTEM FATAL MESSAGE 7392 (DDSMAP)
THIS PROCESSOR (LPID = %1) IS NOT A SHAREHOLDER OF ROW %2 IN ITS LOCAL KFF. THE GLOBAL ROW NUMBER IS %3.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7393.0 *** SYSTEM FATAL MESSAGE 7393 (DDSMAP)
THE GLOBAL ROW NUMBER %1 IS NOT SHARED BY ANY PROCESSOR.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7394.0 *** SYSTEM FATAL MESSAGE 7394 (DDSMAP)
THE SIZE OF THE LOCAL O-SET %1, THE LOCAL A-SET %2 AND THE LOCAL F-SET %3 DO NOT MATCH.
A POSSIBLE REASON IS THAT THE LOCAL O-SET DOFS ARE NOT NUMBERED AFTER THE LOCAL A-SET DOFS.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7395.0 *** SYSTEM FATAL MESSAGE 7395 (DDSMAP)
INCONSISTENCY IN PARTITIONED A-SET.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7396.0 *** SYSTEM FATAL MESSAGE 7396 (DDSMAP)
THE GLOBAL ROW NUMBERS %1 AND %2 ASSIGNED TO LOCAL ROW NUMBERS %3 AND %4 ARE NOT
IN ASCENDING ORDER.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7397.0 *** SYSTEM FATAL MESSAGE 7397 (DDSMAP)
THE GLOBAL A-SET INDICES %1 AND %2 ASSIGNED TO LOCAL A-SET INDICES %3 AND %4 ARE NOT
IN ASCENDING ORDER.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7398.0 *** SYSTEM FATAL MESSAGE 7398 (DDSMAP)
TRANSLATION TO GLOBAL A-SET INDEX FAILED FOR LOCAL ROW INDEX %1.

USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.
GLOBAL A-SET INDEX TRANSFORMATION IN DISDCMP HAS TO BE CHANGED.

7399.0 *** SYSTEM FATAL MESSAGE 7399 (DFMFRD)
PREDICTIVE SYMBOLIC PIVOTING CORRUPTED THE PERMUTATION ORDER FOR THE DOFS TO BE DECOMPOSED.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7400.0 *** SYSTEM FATAL MESSAGE 7400 (DFMFRD)
ERROR DURING NUMERIC ASSEMBLY OF INCORE STACK ELEMENT.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7401.0 *** SYSTEM FATAL MESSAGE 7401 (DFMFRD)
ERROR DURING NUMERIC ASSEMBLY OF OUT-OF-CORE STACK ELEMENT.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7402.0 *** SYSTEM FATAL MESSAGE 7402 (DFMFRD)
ERROR DURING NUMERIC ASSEMBLY OF MATRIX ROWS.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7403.0 *** SYSTEM FATAL MESSAGE 7403 (DFMFRD)
FRONT INDICES IN SCHUR COMPLEMENT ARE NOT IN ASCENDING ORDER.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7404.0 *** SYSTEM FATAL MESSAGE 7404 (DFMFRD)
DEGREE OF FREEDOM %1 IS WRITTEN TO SCHUR COMPLEMENT, BUT SHOULD HAVE BEEN DECOMPOSED.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7405.0 *** SYSTEM FATAL MESSAGE 7405 (DFMFRD)
ACTUAL AND REQUESTED NUMBER OF DOFS TO BE DECOMPOSED AND NOT TO BE DECOMPOSED DO NOT MATCH.
NTOTPV: %1, N-ICOMP: %2
NSCHUR: %3, ICOMP : %4
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7406.0 *** SYSTEM FATAL MESSAGE 7406 (DFMFRD)
NUMBER OF ASSEMBLED DEGREES OF FREEDOM %1 AND NUMBER OF DEGREES OF FREEDOM IN LOCAL MATRIX %2 DO NOT MATCH.

USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7407.0 *** SYSTEM FATAL MESSAGE 7407 (DFMSA)
PARTITIONING VECTOR FOR PARTIAL DECOMPOSITION IS INCORRECT.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7408.0 *** SYSTEM INFORMATION MESSAGE 7408 (DFMSYN)
SINCE SYSTEM(285) WAS SET BY THE USER TO A VALUE DIFFERENT FROM 5 ON THE NASTRAN ENTRY, FILL-IN RE-ORDERING WAS SKIPPED
IN THE SYMBOLIC PHASE OF SPARSE DECOMPOSITION.

7409.0 *** USER WARNING MESSAGE 7409 (DOPR1J)
EQUATION: E = 2*(1+NU)*G MAY BE VIOLATED FOR MAT1 ENTRY ID = %1 REFERRED BY DVMREL1 AND/OR DVMREL2 ENTRIES.
USER INFORMATION: THE CORRESPONDING SENSITIVITY COEFFICIENTS MAY BE INACCURATE.
USER ACTION: LEAVE AT LEAST ONE OF THE THREE VALUES (E, G, NU) BLANK AND UNREFERRED BY A DVMREL1/DVMREL2 ENTRIES

7409.1 *** USER WARNING MESSAGE 7409 (DOPR1J)
EQUATION: BULK = RHO*C**2 MAY BE VIOLATED FOR MAT10 ENTRY ID = %1 REFERRED BY DVMREL1 AND/OR DVMREL2 ENTRIES.
USER INFORMATION: THE CORRESPONDING SENSITIVITY COEFFICIENTS MAY BE INACCURATE.
USER ACTION: LEAVE AT LEAST ONE OF THE THREE VALUES (BULK, RHO, C) BLANK AND UNREFERRED BY A DVMREL1/DVMREL2 ENTRIES

7410.0 *** SYSTEM FATAL MESSAGE 7410 (DISDAF)
PROGRAMMER ERROR IN PANEL TO PROCESSOR ASSIGNMENT CALCULATION.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7411.0 *** SYSTEM FATAL MESSAGE 7411 (DISDAF)
PROGRAMMER ERROR IN INTERNAL LIST CALCULATION (FLLST).
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7412.0 *** USER FATAL MESSAGE 7412 (SEQP)
MODEL PARTITIONING WAS REQUESTED BY SETTING %1 = %2, HOWEVER, THE NUMBER OF PROCESSORS REQUESTED IS %3.
USER ACTION: 1. DESELECT THE DOMAIN DECOMPOSITION METHOD BY SETTING OLDSEQ TO A VALID VALUE FOR SERIAL RUNS (-1 THRU 8) OR

2. SPECIFY MORE PROCESSORS TO PARTICIPATE IN THE RUN.

7413.0 *** SYSTEM FATAL MESSAGE 7413 (DISDCM1)
PROGRAMMER ERROR: LENGTH OF HEADER OF STACK FACTOR DATA STRUCTURE IS INSUFFICIENT.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7414.0 *** SYSTEM FATAL MESSAGE 7414 (DISDCM1)
PROGRAMMER ERROR: NGASET OR NCORE EXCEED MAXINT.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7415.0 *** SYSTEM FATAL MESSAGE 7415 (DISDRF)
SIZE OF CURRENT PANEL EXCEEDS MAXIMUM VALUE.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7416.0 *** SYSTEM FATAL MESSAGE 7416 (DISDRF)
PROGRAMMER ERROR: INVALID NPIV VALUE.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7417.0 *** SYSTEM FATAL MESSAGE 7417 (DISDRF)
PROGRAMMER ERROR: ERROR WHEN PUSHING NEW INCORE STACK ELEMENT.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7418.0 *** SYSTEM FATAL MESSAGE 7418 (DISDRF)
INTERNAL STACK FOR DISTRIBUTED DECOMPOSITION IS FULL.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7419.0 *** SYSTEM FATAL MESSAGE 7419 (DISDFO)
PROGRAMMER ERROR: %1 MORE WORDS NEEDED FOR MERGING INDICES OF STACK ELEMENTS.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7420.0 *** SYSTEM FATAL MESSAGE 7420 (DISDFO)
PROGRAMMER ERROR: %1 BIGGER THAN NGASET.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7421.0 *** SYSTEM FATAL MESSAGE 7421 (SEQP)
%1 CARDS ARE PRESENT IN THE BULK DATA SECTION. THEY ARE NOT SUPPORTED BY THE DOMAIN DECOMPOSITION METHOD.
USER ACTION: PLEASE TAKE ONE OF THE FOLLOWING ACTIONS:
1. DESELECT THE DOMAIN DECOMPOSITION METHOD BY REMOVING DMP= FROM THE SUBMITTAL LINE.
2. REMOVE ALL CARDS OF THAT TYPE FROM THE BULK DATA

SECTION.

7422.0 *** SYSTEM FATAL MESSAGE 7422 (DISDFM)
PROGRAMMER ERROR: UNABLE TO FIND ALL STACK ELEMENTS.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7423.0 *** SYSTEM FATAL MESSAGE 7423 (SEQP)
A MALLOC INSIDE THE AUTOMATIC MODEL PARTITIONER WAS UNSUCCESSFUL IN ALLOCATING %1 K BYTES IN MEMORY.
USER ACTION: DECREASE MEMORY GIVEN ON THE NX NASTRAN SUBMITTAL LINE. REPEAT DECREASE!

7424.0 *** SYSTEM FATAL MESSAGE 7424 (SEQP)
PROCESSOR %1 DID NOT READ THE %2 RECORD FROM BNDFIL, IT READ THE RECORD OF DOMAIN %3 INSTEAD.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7425.0 *** SYSTEM FATAL MESSAGE 7425 (DISDLR)
GETSEG RETURNED %1 TERMS, BUT %2 TERMS WERE EXPECTED.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7426.0 *** SYSTEM FATAL MESSAGE 7426 (DISDLR)
RECEIVED %1 WORDS, BUT %2 WORDS WERE EXPECTED.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7427.0 *** SYSTEM FATAL MESSAGE 7427 (DISEQI)
LOCAL TO GLOBAL MAP ENTRIES FOR LOCAL A-SET ARE NOT IN ASCENDING ORDER.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7428.0 *** SYSTEM FATAL MESSAGE 7428 (DISERD)
PROGRAMMER ERROR %1.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7429.0 *** SYSTEM FATAL MESSAGE 7429 (DISERD)
PROGRAMMER ERROR: NUMBER OF ROWS IN CURRENT PANEL %1 IS BIGGER THAN THE MAXIMUM EXPECTED VALUE %2.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7430.0 *** SYSTEM FATAL MESSAGE 7430 (DISERD)
PROGRAMMER ERROR: ACTUAL UPDATE RANK IS 0.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7431.0 *** SYSTEM FATAL MESSAGE 7431 (DISMRD)
BLOCK SIZE %1 IS NOT SUPPORTED YET.

USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7432.0 *** SYSTEM FATAL MESSAGE 7432 (DISMRD)
ERROR READING NEXT FRONT. NFRONT = %1, NROWS = %2.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7433.0 *** SYSTEM FATAL MESSAGE 7433 (SEQP)
THE NUMBER OF GLOBAL BOUNDARY GRID POINTS DIFFERS ON EQUATION MAP (%1) AND ON BOUNDARY FILE (%2).
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7434.0 *** SYSTEM FATAL MESSAGE 7434 (DISMRD)
%1 FRONT INDEX %2 IS OUT OF RANGE OR NOT IN ORDER.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7435.0 *** SYSTEM FATAL MESSAGE 7435 (DISMRD)
ERROR IN SKIPPING ROWS IN CURRENT FRONT.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7436.0 *** SYSTEM FATAL MESSAGE 7436 (DISMRD)
FRONT INDEX %1 AND CURRENT GLOBAL A-SET INDEX %2 DO NOT MATCH.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7437.0 *** SYSTEM FATAL MESSAGE 7437 (DISMRD)
READ %1 TERMS, BUT %2 TERMS WERE %3.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7438.0 *** SYSTEM FATAL MESSAGE 7438 (DISPRD)
PIVOTING REQUIRED.
USER ACTION: 1. CHECK MODEL, OR
2. USE PARAM,HLPMETH,1, OR
3. CHANGE TO SERIAL EXECUTION.

7439.0 *** SYSTEM FATAL MESSAGE 7439 (DISSTI)
FRONT SIZE IN SCHUR COMPLEMENT (INPUT DATA BLOCK KTT) IS BIGGER THAN EXPECTED.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7440.0 *** SYSTEM FATAL MESSAGE 7440 (DDFBRD)
ERROR IN ASSIGNMENT OF PANEL %1 IN FRONT %2 TO PROCESSOR %3.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7441.0 *** SYSTEM FATAL MESSAGE 7441 (DDFBRD)
SIZE MISMATCH IN PANEL %1 OF FRONT %2. EXPECTED DIMENSIONS ARE %3 AND %4, ACTUAL DIMENSIONS ARE %5 AND %6.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7442.0 *** SYSTEM FATAL MESSAGE 7442 (DDFBRD)
NUMBER OF TERMS READ IN PANEL %1 IS %2, BUT %3 WERE EXPECTED.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7443.0 *** SYSTEM FATAL MESSAGE 7443 (SEQP)
THE PARTITIONING VECTOR CREATED TO SPECIFY THE LOCAL BOUNDARY GRIDS IS INCONSISTENT WITH THE NUMBER OF DEGREES OF
FREEDOM ON THE LOCAL BOUNDARY (%1). THE NUMBER OF NONZERO TERMS IN THE PARTITIONING VECTOR IS %2.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7444.0 *** SYSTEM FATAL MESSAGE 7444 (DDFBRD)
ERROR IN TPTR OR IPTR VALUE.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7445.0 *** SYSTEM FATAL MESSAGE 7445 (DDFBSA)
WRONG FRONT IDENTIFIER IN RECORD NO. %1 OF DISTRIBUTED SPARSE FACTOR DESCRIPTION DATA BLOCK.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7446.0 *** SYSTEM FATAL MESSAGE 7446 (DDFBSA)
ACTUAL FRONT SIZE %1 OF FRONT %2 IS ILLEGAL (MAXIMUM FRONT SIZE IS %3).
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7447.0 *** SYSTEM FATAL MESSAGE 7447 (DDFBSA)
CONSISTENCY ERROR(S) IN WORDS 3-6 OF RECORD %1 IN DISTRIBUTED SPARSE FACTOR DESCRIPTION BLOCK.
PROGRAMMER INFORMATION: %2, %3, %4, %5.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7448.0 *** SYSTEM FATAL MESSAGE 7448 (DDFBSA)
WRONG GLOBAL PANEL IDENTIFIER %1 IN PANEL %2 OF FRONT %3.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7449.0 *** SYSTEM FATAL MESSAGE 7449 (DDFBSA)
CONSISTENCY ERROR(S) IN WORDS 1-8 OF PANEL %1 IN RECORD %2 OF DISTRIBUTED SPARSE FACTOR DESCRIPTION BLOCK.
PROGRAMMER INFORMATION: %3, %4, %5, %6, %7, %8, %9, %10.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7450.0 *** SYSTEM FATAL MESSAGE 7450 (DDFBSA)
ILLEGAL RECORD TERMINATION IN RECORD NO. %1 OF DISTRIBUTED SPARSE FACTOR DESCRIPTION DATA BLOCK.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7451.0 *** SYSTEM FATAL MESSAGE 7451 (DDFBSA)
UNEXPECTED END OF DISTRIBUTED SPARSE FACTOR DESCRIPTION DATA BLOCK.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7452.0 *** SYSTEM FATAL MESSAGE 7452 (DDFDRV)
SIZE OF LOCAL A-SET IS INCONSISTENT BETWEEN TRAILER OF EQMAP DATA BLOCK AND UABAR DATA BLOCK.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7453.0 *** SYSTEM FATAL MESSAGE 7453 (DDFDRV)
SIZE OF LOCAL A-SET IN TRAILER AND DATA OF EQMAP DATA BLOCK DO NOT MATCH.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7454.0 *** SYSTEM FATAL MESSAGE 7454
SIZE OF GLOBAL A-SET PLUS GLOBAL O-SET HAS UNEXPECTED VALUE.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7455.0 *** SYSTEM FATAL MESSAGE 7455 (DDFDRV)
INCONSISTENCY IN DISTRIBUTED SPARSE FACTOR DESCRIPTION DATA BLOCK.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7456.0 *** SYSTEM FATAL MESSAGE 7456 (DDFDRV)
PROGRAMMER ERROR IN NWRKSP VALUE.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7457.0 *** SYSTEM FATAL MESSAGE 7457 (DDFFRD)
FIRST PANEL OF FRONT %1 HAS WRONG SIZE %2, EXPECTED SIZE IS %3.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE

CUSTOMER SUPPORT.

7458.0 *** SYSTEM FATAL MESSAGE 7458 (DDFFRD)
ERROR IN IPRANK VALUE %1 OR IOFF VALUE %2. IPOWNF IS %3.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7459.0 *** SYSTEM FATAL MESSAGE 7459 (SEQP)
THE %1 OUTPUT DATABLOCK OF %2 IS PURGED, UNABLE TO OUTPUT PARTITIONING VECTOR FOR HIGH LEVEL PARALLEL EXECUTION.
USER ACTION: PLEASE CHECK THE DMAP CALL TO %2 IF YOU INCLUDED AN ALTER OR CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7460.0 *** SYSTEM FATAL MESSAGE 7460 (SEQP)
THE FIRST INPUT DATABLOCK TO SEQP (GEOM1) IS PURGED.
USER ACTION: PLEASE CHECK THE DMAP CALL TO SEQP IF YOU INCLUDED AN ALTER OR CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7461.0 *** SYSTEM FATAL MESSAGE 7461 (SEQWRT)
CURRENTLY ONLY %1 DOMAINS/PROCESSORS CAN BE HANDLED BY THE AUTOMATIC MODEL PARTITIONER.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7462.0 *** SYSTEM FATAL MESSAGE 7462 (DDFFRD)
LENGTH OF MESSAGE RECEIVED FOR TRIANGULAR SOLVE OR UPDATE IS %1, BUT %2 WAS EXPECTED.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7463.0 *** SYSTEM FATAL MESSAGE 7463 (DDFFRD)
SIZE MISMATCH IN BLOCK TO BE SOLVED.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7464.0 *** SYSTEM FATAL MESSAGE 7464 (DDFFRD)
MISMATCH IN IOFF2 AND IBASIS VALUES.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7465.0 *** USER INFORMATION MESSAGE 7465 (SEQWRT)
STATISTICS FROM AUTOMATIC MODEL PARTITIONER
THE NUMBER OF DOMAINS CREATED USING %1 IS %2
THE NUMBER OF GRID POINTS IN THE GLOBAL BOUNDARY IS %3
THE NUMBER OF ELASTIC ELEMENTS IN THE RESIDUAL IS %4
THE NUMBER OF RIGID ELEMENTS IN THE RESIDUAL IS %5
DOMAIN ID # INTERNAL GRID POINTS # EXTERNAL GRID POINTS # OF ELEMENTS
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7467.0 *** SYSTEM FATAL MESSAGE 7467 (SEQELM)
ELEMENT TYPE %1 CANNOT BE HANDLED BY MODEL PARTITIONER.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7467.1 *** SYSTEM FATAL MESSAGE 7467 (SEQEXT)
ASET AND ASET1 ENTRIES CANNOT BE HANDLED BY MODEL PARTITIONER.
USER ACTION: PLEASE REMOVE ASET AND ASET1 ENTRIES FROM YOUR BULK DATA.

7468.0 *** SYSTEM FATAL MESSAGE 7468 (SEQELM)
INSUFFICIENT MEMORY TO READ GRID POINTS CONNECTED TO ELEMENT TYPE %1.
USER ACTION: INCREASE MEMORY BY AT LEAST %2 K WORDS.

7469.0 *** SYSTEM FATAL MESSAGE 7469 (DDFMRG)
INCORRECT NUMBER OF NONZERO TERMS %1 IN PANEL %2 OF FRONT %3.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7470.0 *** SYSTEM FATAL MESSAGE 7470 (DDFMRG)
FRONT SIZE %1, PANEL SIZE %2 AND NEXT ROW %3 DO NOT MATCH FOR PANEL %4 OF FRONT %5.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7471.0 *** SYSTEM FATAL MESSAGE 7471 (SEQELM)
ELEMENT TYPE %1 HAS MORE THAN %2 GRID POINTS WHICH CANNOT BE HANDLED BY THE AUTOMATIC MODEL PARTITIONER.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7472.0 *** SYSTEM FATAL MESSAGE 7472 (DDFMRG)
FRONT INDEX MISMATCH IN PANEL %1 OF FRONT %2.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7473.0 *** SYSTEM FATAL MESSAGE 7473 (DDFMRG)
OWNER MISMATCH IN FIRST PANEL OF FRONT %1.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7474.0 *** SYSTEM FATAL MESSAGE 7474 (SEQELM)
ELEMENT CUT IN AUTOMATIC MODEL PARTITIONER: NODE %1 OF THE BOUNDARY DOES NOT BELONG TO %2,
HOWEVER, ANOTHER NODE OF THIS ELEMENT DOES BELONG TO THIS DOMAIN.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE

CUSTOMER SUPPORT.

7475.0 *** SYSTEM FATAL MESSAGE 7475 (DDFMRG)
MEMORY SHORTAGE WHEN UNPACKING PANEL %1 OF FRONT %2.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7476.0 *** SYSTEM FATAL MESSAGE 7476 (DDFMRG)
NUMBER OF TERMS %1 IN COLUMN %2 OF PANEL %3 IN FRONT %4 IS WRONG.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7477.0 *** SYSTEM FATAL MESSAGE 7477 (DDFMRG)
INTERNAL ERROR UNPACKING PANEL %1 IN FRONT %2.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7478.0 *** SYSTEM FATAL MESSAGE 7478 (DDFMRG)
INTERNAL ERROR IN COLUMN NUMBERING IN FRONT.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7479.0 *** USER FATAL MESSAGE 7479 (SEQP)
FLUID-STRUCTURE analysis is not supported with DOMAIN DECOMPOSITION.
USER ACTION: PLEASE SWITCH TO ACMS OR RUN IN SERIAL.

7480.0 *** SYSTEM FATAL MESSAGE 7480 (SEQORD)
INCONSISTENT NUMBER OF GRID POINTS ON THE BOUNDARY: THE INPUT TO THE SUBROUTINE IS %1, HOWEVER, %2 WHERE COMPUTED.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7481.0 *** SYSTEM FATAL MESSAGE 7481 (GETSEG)
REQUESTED STACK ELEMENT DOES NOT EXIST.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7482.0 *** SYSTEM FATAL MESSAGE 7482 (GETSEG)
PROGRAMMER ERROR: INCONSISTENCY IN GETSEG CALL.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7483.0 *** SYSTEM FATAL MESSAGE 7483 (SEQORD)
ALL BOUNDARY GRID POINTS HAVE TO BE ON TOP OF THE ID() ARRAY WHICH IS NOT THE CASE HERE! GRIDPOINT %1 OUT OF %2 BELONGS TO DOMAIN %3 BUT NOT THE THE BOUNDARY.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7484.0 *** SYSTEM FATAL MESSAGE 7484 (GETSEG)

REQUESTED SERVICE NOT SUPPORTED YET.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7485.0 *** USER INFORMATION MESSAGE 7485 (SEQEXT)
THE AUTOMATIC MODEL PARTITIONER SUBDIVIDED THE MODEL INTO %1 DOMAINS BUT %2 DOMAINS WERE REQUESTED.
USER INFORMATION: EACH PROCESSOR WILL EXECUTE SERIALLY INSTEAD OF PARALLEL.
USER ACTION: REQUEST FEWER DOMAINS.

7485.1 *** USER INFORMATION MESSAGE 7485 (SEQP)
THE AUTOMATIC MODEL PARTITIONER SUBDIVIDED THE MODEL INTO %1 DOMAINS BUT %2 DOMAINS WERE REQUESTED.
USER INFORMATION: THE PARTITIONING WILL BE RE-DONE ASKING TO PARTITION THE MODEL INTO %3 DOMAINS.

7486.0 *** SYSTEM FATAL MESSAGE 7486 (GETSTJ)
MAP FOR REQUESTED STACK ELEMENT DOES NOT EXIST.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7487.0 *** SYSTEM FATAL MESSAGE 7487 (GETSTJ)
THIS CODE BRANCH IS NOT SUPPORTED YET.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7488.0 *** SYSTEM FATAL MESSAGE 7488 (GETSTJ)
FOR STACK ELEMENT %1 ACTUAL FRONT SIZE %2 DOES NOT MATCH STACK INFO (%3).
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7489.0 *** SYSTEM FATAL MESSAGE 7489 (SEQP)
INSUFFICIENT MEMORY FOR MODEL PARTITIONING.
USER ACTION: INCREASE MEMORY BY AT LEAST %1 K %2.

7490.0 *** SYSTEM FATAL MESSAGE 7490 (SEQP)
ERROR IN MEMORY MANAGEMENT INSIDE THE AUTOMATIC MODEL PARTITIONER.
%1.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7490.1 *** SYSTEM FATAL MESSAGE 7490 (SEQP)
ERROR IN MEMORY MANAGEMENT INSIDE THE AUTOMATIC MODEL PARTITIONER.
USER ACTION: INCREASE MEMORY BY AT LEAST %1 K WORDS.

7491.0 *** SYSTEM FATAL MESSAGE 7491 (DISDAF)
INSUFFICIENT SPACE FOR INTERNAL LIST %1.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE

CUSTOMER SUPPORT.

7492.0 *** SYSTEM FATAL MESSAGE 7492 (PRESOL)
INCONSISTENT VALUE FOR NUMBER OF LOCAL GRIDPOINTS ON PROCESSOR %1:
ACCORDING TO SIL TABLE, THE NUMBER OF LOCAL GRIDPOINTS IS %2
ACCORDING TO GEQMAP, THE NUMBER OF LOCAL GRIDPOINTS IS %3
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7493.0 *** SYSTEM FATAL MESSAGE 7493 (PRESOL)
INSUFFICIENT MEMORY AVAILABLE TO CREATE THE EXTENDED EQUATION MAP.
USER ACTION: PLEASE INCREASE MEMORY BY AT LEAST %1 K WORDS.

7494.0 *** SYSTEM FATAL MESSAGE 7494 (PRESIL)
LOCAL GRID POINT %1 HAS %2 DEGREES OF FREEDOM.
CURRENTLY THE DOMAIN DECOMPOSITION METHOD CAN HANDLE
ONLY GRID POINTS WITH 6 DEGREES OF FREEDOM.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7495.0 *** SYSTEM FATAL MESSAGE 7495 (PRESIL)
INCONSISTENT NUMBER OF LOCAL ACTIVE DEGREES OF FREEDOM ON PROCESSOR %1:
NUMBER OF LOCAL DEGREES OF FREEDOM = %2
6 * NUMBER OF ACTIVE GRID POINTS = %3
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7496.0 *** SYSTEM FATAL MESSAGE 7496 (PREMAP)
COLUMN %1 IN THE O-SET OF PROCESSOR %2 IS A NULL COLUMN. THIS CANNOT BE HANDLED BY THE DOMAIN DECOMPOSITION METHOD.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7497.0 *** SYSTEM FATAL MESSAGE 7497 (PREMAP)
DEGREE OF FREEDOM %1 IS MARKED NON-ACTIVE ON PROCESSOR %2, HOWEVER, ON A DIFFERENT PROCESSOR IT WAS MARKED ACTIVE.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7498.0 *** SYSTEM FATAL MESSAGE 7498 (PRELGM)
INSUFFICIENT WORK SPACE AVAILABLE FOR TMPIND().
PROCESSOR %1 NEEDS TO RECEIVE %2 WORDS FROM PROCESSOR

%3,
HOWEVER, ONLY %4 WORDS ARE AVAILABLE IN TMPIND().
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7499.0 *** SYSTEM FATAL MESSAGE 7499 (PRELGM)
INSUFFICIENT WORK SPACE AVAILABLE FOR IWORK() TO BUILD THE EXTENDED EQUATION MAP ON PROCESSOR %1.
WORK SPACE AVAILABLE IS %2 WORDS BUT %3 WORDS ARE NEEDED.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7500.0 *** SYSTEM FATAL MESSAGE 7500 (PRELGM)
INCONSISTENCY OF DEGREES OF FREEDOM FOR THE F-SET ON PROCESSOR %1: DEGREES OF FREEDOM FROM RESORD ARRAY IS %2, BUT DEGREES OF FREEDOM IN LOCAL F-SET IS %3.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7501.0 *** USER FATAL MESSAGE 7501 (DOPR3I)
THE DSNOKD PARAMETER IS SET TO %1 AND THERE ARE MULTIPLE BUCKLING DESIGN SUBCASES
WHICH CONTAIN DIFFERENT STATSUB REQUESTS: %2 AND %3.
THIS IS NOT SUPPORTED.
USER ACTION: SET DSNOKD TO 0.0 OR USE THE SAME STATSUB REQUEST FOR ALL BUCKLING DESIGN SUBCASES.

7502.0 *** SYSTEM INFORMATION MESSAGE 7502 (DSDJ1D/S)
THERE ARE %1 ACTIVE SOLUTION VECTORS, OF WHICH %2 CAN BE STORED IN MEMORY.
IN ORDER TO STORE ALL VECTORS IN MEMORY FOR IMPROVED PERFORMANCE, INCREASE MEMORY BY %3K WORDS.

7503.0 *** SYSTEM FATAL MESSAGE 7503 (SQMPC)
LOGIC ERROR IN THE AUTOMATIC MODEL PARTITIONER.
PROGRAMMER INFORMATION: GRID POINT ID %1 WHICH IS SPECIFIED AS THE DEPENDENT GRID POINT ON AN MPC ENTRY IS ALSO ASSIGNED TO A DOMAIN BOUNDARY.
USER ACTION: TRY TO RUN WITH A DIFFERENT NUMBER OF PROCESSORS OR CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7503.1 *** SYSTEM FATAL MESSAGE 7503 (SQRBAR)
LOGIC ERROR IN THE AUTOMATIC MODEL PARTITIONER.
PROGRAMMER INFORMATION: ALL DEPENDENT GRID POINTS OF RIGID ELEMENT ID %1 WERE ASSIGNED TO A DOMAIN BOUNDARY.
USER ACTION: TRY TO RUN WITH A DIFFERENT NUMBER OF PROCESSORS OR CONTACT SIEMENS PLM SOFTWARE CUSTOMER

SUPPORT.

7503.2 *** SYSTEM FATAL MESSAGE 7503 (SQRBAR)
LOGIC ERROR IN THE AUTOMATIC MODEL PARTITIONER.
PROGRAMMER INFORMATION: ALL DEPENDENT GRID POINTS OF RIGID ELEMENT ID %1 WERE ASSIGNED TO A DOMAIN BOUNDARY.
ALSO ALL GRIDS CONNECTED TO THIS RIGID ELEMENT WERE ASSIGNED TO A DOMAIN BOUNDARY.
USER ACTION: TRY TO RUN WITH A DIFFERENT NUMBER OF PROCESSORS OR CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7504.0 *** SYSTEM FATAL MESSAGE 7504 (SQRBE1)
LOGIC ERROR IN THE AUTOMATIC MODEL PARTITIONER.
PROGRAMMER INFORMATION: NO DEPENDENT GRID POINTS OF %1 BELONG TO A DOMAIN, HOWEVER, THEY DO NOT ALL BELONG
TO THE BOUNDARY EITHER.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7505.0 *** SYSTEM FATAL MESSAGE 7505 (SQRBE1)
LOGIC ERROR IN THE AUTOMATIC MODEL PARTITIONER.
PROGRAMMER INFORMATION: AFTER CHECKING ALL RIGID ELEMENTS OF THIS TYPE, GRIDPOINT %1 OF ELEMENT %2 BELONGS TO
DOMAIN %3, HOWEVER, IT WAS INITIALLY ASSIGNED TO %4.
THIS INDICATES THAT THIS GRIDPOINT
MAY BE A DEPENDENT GRID OF 2 DIFFERENT RIGID ELEMENTS.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7506.0 *** SYSTEM FATAL MESSAGE 7506 (SQRROD)
LOGIC ERROR IN THE AUTOMATIC MODEL PARTITIONER.
PROGRAMMER INFORMATION: INVALID NUMBER (DEPROD = %1) FOR SPECIFYING THE DEPENDENT GRID OF RROD %2.
THE NUMBER SHOULD BE EITHER 1 OR 2.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7507.0 *** SYSTEM FATAL MESSAGE 7507 (SQRTRP)
LOGIC ERROR IN THE AUTOMATIC MODEL PARTITIONER.
PROGRAMMER INFORMATION: GRIDPOINTS OF RTRPLT %1 BELONG TO DOMAINS %2 AND %3. THIS CANNOT BE HANDLED YET.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7508.0 *** SYSTEM FATAL MESSAGE 7510 (SQRTRP)

LOGIC ERROR IN THE AUTOMATIC MODEL PARTITIONER.
PROGRAMMER INFORMATION: ALL GRIDPOINTS OF RTRPLT %1 BELONG TO A DIFFERENT DOMAIN (%2, %3 AND %4).
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7509.0 *** SYSTEM FATAL MESSAGE 7509 (PRELRD)
LOGIC ERROR IN DISTRIBUTED MAP PREPARATION MODULE.
PROGRAMMER INFORMATION: INCONSISTENT LOCAL A-SET. SIZE OF LOCAL A-SET FROM PARTITIONING VECTOR CREATED IN PRESOL IS %1, HOWEVER, SIZE OF LOCAL A-SET FROM THE EQUATION MAP IS %2.
USER ACTION: PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7510.0 *** USER FATAL MESSAGE 7510 (DOM9P4D)
THE MAXIMUM INTEGER VALUE HAS BEEN EXCEEDED.
USER INFORMATION: THE MAXIMUM INTEGER NUMBER ALLOWED ON YOUR MACHINE IS %1. HOWEVER, DOT HAS IDENTIFIED
THAT THE SIZE OF YOUR OPTIMIZATION PROBLEM, NDV =%2, NCON = %3, IS SO LARGE THT IT
CAUSES MAXIMUM INTEGER OVERFLOW.
USER ACTION: REDUCE SIZE OF DESIGN MODEL.

7511.0 *** SYSTEM FATAL MESSAGE 7511 (BIOCPY)
INVALID CALL TO BIOCPY. %1 VALUE (= %2) IS OUT OF RANGE.
FILE COPY REQUEST NOT DONE.

7512.0 *** SYSTEM FATAL MESSAGE 7512 (BIOCPY)
INPUT FILE IS NOT OPEN. FILX = %1.
FILE IS '%2'.
FILE COPY REQUEST NOT DONE.

7513.0 *** SYSTEM FATAL MESSAGE 7513 (BIOCPY)
INPUT FILE RECORD LENGTH DOES NOT MATCH NSBUF3 VALUE.
FILX = %1.
FILE IS '%2'.
FILE RECL = %3, NSBUF3 RECL = %4.
FILE COPY REQUEST NOT DONE.

7514.0 *** SYSTEM FATAL MESSAGE 7514 (BIOCPY)
OUTPUT FILE IS OPEN BUT ITS RECORD LENGTH DOES NOT MATCH INPUT FILE RECL VALUE.
INPUT FILX = %1, OUTPUT FILX = %2.
INPUT FILE IS '%3'.
OUTPUT FILE IS '%4'.
INPUT FILE RECL = %5, OUTPUT FILE RECL = %6.
FILE COPY REQUEST NOT DONE.

7515.0 *** SYSTEM FATAL MESSAGE 7515 (BIOCPY)

OUTPUT FILE IS OPENED READ-ONLY. FILX = %1.
FILE IS '%2'.
FILE COPY REQUEST NOT DONE.

7516.0 *** SYSTEM FATAL MESSAGE 7516 (BIOCPY)
UNABLE TO CREATE OUTPUT FILE. FILX = %1.
FILE IS '%2'.
FILE COPY REQUEST NOT DONE.

7517.0 *** SYSTEM FATAL MESSAGE 7517 (BIOCPY)
TRUNCATE OF OPEN OUTPUT FILE FAILED. FILX = %1.
FILE IS '%2'.
FILE COPY REQUEST NOT DONE.

7518.0 *** SYSTEM FATAL MESSAGE 7518 (BIOCPY)
UNABLE TO OBTAIN DYNAMIC BUFFER SPACE FOR FILE COPY.
WORDS REQUESTED = %1.
FILE COPY REQUEST NOT DONE.

7519.0 *** SYSTEM FATAL MESSAGE 7519 (BIOCPY)
ERROR ENCOUNTERED READING INPUT FILE. FILX = %1.
FILE IS '%2'.
FILE COPY REQUEST TERMINATED.

7520.0 *** SYSTEM FATAL MESSAGE 7520 (BIOCPY)
ERROR ENCOUNTERED WRITING OUTPUT FILE. FILX = %1.
FILE IS '%2'.
FILE COPY REQUEST TERMINATED.

7521.0 *** USER FATAL MESSAGE 7521 (GP3)
LOAD BULK DATA ENTRY WITH SID=%1 REFERENCES A DEFORM OR TEMP* BULK DATA ENTRY WITH SID=%2 .
USER INFORMATION: DEFORM AND TEMP* BULK DATA ENTRIES ARE REQUESTED BY THE DEFORM AND TEMPERATURE CASE CONTROL COMMANDS.

7522.0 *** USER FATAL MESSAGE 7522 (GP3)
DEFORM AND TEMP* BULK DATA ENTRY HAVE THE SAME SID=%1 .
USER INFORMATION: DEFORM AND TEMP* BULK DATA ENTRIES MUST BE UNIQUE WITH RESPECT TO EACH OTHER.

7523.0 *** USER FATAL MESSAGE 7523 (SEPMAB)
SUPERELEMENT %1 IS DEFINED ON THE SEBULK BULK DATA ENTRY BUT NO GEOMETRY WAS FOUND.
USER ACTION: CHECK BEGIN SUPER COMMANDS AND/OR DATA BASE ASSIGNMENTS FOR THIS SUPERELEMENT.

7524.0 *** USER FATAL MESSAGE 7524 (DOP1C2)
DVPREL1 ENTRY %1 SPECIFIES A PBEAML DIMENSION THAT IS NOT SPECIFIED ON PBEAML ENTRY %2.
USER ACTION: CHECK DVPREL1 AND PBEAML ENTRIES.

7525.0 *** USER FATAL MESSAGE 7525 (DOPR3A)
DRESP1 ENTRY ID = %1 REFERENCES A RTYPE=ESE WHICH IS NOT SUPPORTED FOR SHAPE OPTIMIZATION.

7526.0 *** USER FATAL MESSAGE (ASGPD/S)
AN INVALID TRIM TASK HAS BEEN POSED. THERE ARE %1 FREE AESTAT DEGREES OF FREEDOM BUT
ONLY %2 SUPPORTED DEGREES OF FREEDOM.
USER ACTION: SPECIFY A VALID TRIM TASK BY EITHER ADDING SUPPORTED DEGREES OF FREEDOM OR BY
REDUCING THE NUMBER OF FREE AESTAT DEGREES OF FREEDOM.

7526.1 *** USER FATAL MESSAGE (ASGPD/S)
AN INVALID TRIM TASK HAS BEEN POSED. THERE ARE %1 FREE AERODYNAMIC DEGREES OF FREEDOM BUT
ONLY %2 SUPPORTED DEGREES OF FREEDOM AND THERE ARE NO REDUNDANT CONTROL SURFACES.
USER ACTION: SPECIFY A VALID TRIM TASK BY A COMBINATION OF ADDING SUPPORTED DEGREES OF
FREEDOM, ADDING REDUNDANT CONTROL SURFACES AND/OR REDUCING THE NUMBER OF
FREE AESTAT DEGREES OF FREEDOM.

7527.0 *** SYSTEM FATAL MESSAGE 7527 (SEQEXT)
THE AUTOMATIC MODEL PARTITIONER DID NOT ASSIGN ANY GRID POINTS TO THE BOUNDARY.
USER INFORMATION: THE DOMAIN DECOMPOSITION METHOD CANNOT CONTINUE WITHOUT A BOUNDARY.
USER ACTION: IF YOUR MODEL IS DISJOINT, DESELECT THE DOMAIN DECOMPOSITION METHOD BY REMOVING
DMP= FROM THE SUBMITTAL LINE.
IF YOUR MODEL IS NOT DISJOINT, PLEASE CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7528.0 A "=ALL" OUTPUT REQUEST HAS BEEN FOUND FOR DISP, VELO, ACCE, STRESS OR FORCE TYPE OUTPUT.
USER INFORMATION: MORE ECONOMICAL DATA RECOVERY IS POSSIBLE WHEN A LIMITED OUTPUT SET IS SELECTED.

7529.0 *** SYSTEM FATAL MESSAGE 7529 (TAFGPE)
SPILL LOGIC ERROR FORMING GPECT TABLE, REASON = %1
PROGRAMMER INFORMATION: HERE IS A LIST OF POSSIBLE REASONS:
1 - CONTROL TABLE NOT ALLOCATED, EST ESTIMATES WRONG
2 - CONTROL TABLE EXHAUSTED BUILD LOOP
3 - CONTROL TABLE EXHAUSTED FLUSHING LAST MEMORY LOAD
4 - INSUFFICIENT MEMORY BLOCK FRAGMENTS FOR JOIN
USER ACTION: FOR REASON 1:3 TURN OFF FOLLOWER FORCES IF

POSSIBLE
FOR REASON CODE 4, CHANGE MODULE DEFAULT PARAMETER POSITION 5, TO HIGHER VALUE THAN 10.

7530.0 *** USER FATAL MESSAGE 7530 (DOPFSDD)
FULLY STRESSED DESIGN HAS BEEN REQUESTED, BUT THERE ARE NO ELEMENT BASED CONSTRAINTS.

7531.0 *** USER WARNING MESSAGE 7531 (DOP3V1)
NO DESIGNED PROPERTIES IN FULLY STRESSED DESIGN.

7532.0 *** USER FATAL MESSAGE 7530 (ASG)
SENSITIVITY ANALYSIS HAS BEEN REQUESTED THAT IS ASSOCIATED WITH NONLINEAR STATIC AEROELASTIC TRIM ANALYSIS.
USER INFORMATION: THIS CAPABILITY IS NOT SUPPORTED.
USER ACTION: EITHER REMOVE THE REQUEST OR SPECIFY A LINEAR STATIC AEROLEASTIC ANALYSIS.

7533.0 *** USER WARNING MESSAGE 7533 (PFACED/S, PEDGED/S),
%1 %2 IS PART OF A SOLID ELEMENT AND DOES NOT HAVE ROTATIONAL DEGREES OF FREEDOM.
USER INFORMATION: DISTRIBUTED MOMENT LOADS WILL BE IGNORED.

7536.0 *** USER FATAL MESSAGE 7536 (GP3A)
THE FOLLOWING NON-UNIQUE SID/EXCITATION-ID PAIRS HAVE BEEN SPECIFIED IN LSEQ BULK DATA ENTRIES --
(USER ACTION: AVOID THE NEED FOR NON-UNIQUE SID/EXCITATION-ID PAIRS BY USING
AND REFERENCING APPROPRIATE COMBINATION LOAD BULK DATA)

7537.0 *** SYSTEM WARNING MESSAGE 7537 (REIG)
PERTURBED MASS MATRIX IS USED FOR EIGENSOLUTION.
PERTURBATION FACTOR USED = %1

7538.0 *** USER WARNING MESSAGE 7538 (REIG)
NUMBER OF EIGENVECTORS IS BEING REDUCED FROM %1 TO %2 DUE TO RANK DEFICIENCY OF THE MASS MATRIX.

7539.0 *** SYSTEM WARNING MESSAGE 7539 (DFMSJ)
RANK OF MASS MATRIX = %1

7540.0 *** SYSTEM FATAL MESSAGE 7540 (GP1D and SECNV1/SECNV2/SECNV3)
INVALID RETURN FROM CALL TO SUBROUTINE %1
RETURN CODE = %2

7541.0 *** SYSTEM FATAL MESSAGE 7541 (GP1D and SECNV1/SECNV2/SECNV3)
INVALID RETURN FROM CALL TO SUBROUTINE %1 WHILE PROCESSING %2 BULK DATA ENTRY %3

FOR POINT ID %4
RETURN CODE = %5

7542.0 *** SYSTEM FATAL MESSAGE 7542 (GP1D)
ILLEGAL COORDINATE SYSTEM ID %1 ENCOUNTERED WHILE PROCESSING DAREA BULK DATA ENTRY %2 FOR %3 POINT ID %4

7543.0 *** USER INFORMATION MESSAGE 7543 (GP1D)
DAREA BULK DATA ENTRIES FOR GRID AND SCALAR POINTS WILL NOT BE CONVERTED TO EQUIVALENT FORCE / MOMENT / SLOAD ENTRIES
BECAUSE OF THE PRESENCE OF LSEQ BULK DATA ENTRIES

7544.0 *** USER FATAL MESSAGE 30000 (DSAD13)
DRESP1 ID %1 IS A CFAILURE RESPONSE WITH ITEM CODE 8: MAXIMUM
FAILURE INDEX.
USER INFORMATION: THIS RESPONSE IS ONLY VALID FOR THE FINAL PLY BUT IS
BEING APPLIED TO PLY NUMBER %2
USER ACTION: RESTRICT THE ITEM CODE 8 REQUEST TO THE FINAL PLY

7544.1 *** USER FATAL MESSAGE 30001 (DSAD13)
DRESP1 ID %1 IS A CFAILURE RESPONSE WITH ITEM CODE 7: INTERLAMINAR
STRESS/STRAIN.
USER INFORMATION: THIS RESPONSE IS BEING APPLIED TO PLY NUMBER
%2, WHICH IS THE FINAL PLY. INTERLAMINAR STRESS/STRAIN RESPONSES ARE NOT AVAILABLE FOR THE FINAL PLY
USER ACTION: DO NOT APPLY ITEM CODE 7 TO THE FINAL PLY

7545.0 *** USER WARNING MESSAGE 7545 (MDG2SW)
A CORRESPONDING CWELDG ENTRY CANNOT BE FOUND WITH THE SAME SPOT WELD GRID ID AS SPECIFIED ON CWELDG ENTRY ID=%1.
USER INFORMATION: THE SHELL PORTION OF THIS ELEMENT WILL BE CREATED BUT NOT THE SPOT WELD PORTION.

7546.0 *** USER FATAL MESSAGE 7546 (MDG2SW)
ON CWELD ENTRY ID=%1, WITH FORM=ALIGN, THE GA (OR GB) GRID ID=%2 IS NOT A VERTEX GRID OF A SHELL ELEMENT.

7546.1 *** USER FATAL MESSAGE 7546 (MDG2SE)
ON CWELD ENTRY ID=%1, WITH FORM=ELEMID, THE SHID1 (OR SHID2)=%2 IS NOT A SHELL ELEMENT.

7547.0 *** USER INFORMATION MESSAGE 7547 (MDG4SW)
FOR PWELD ENTRY ID=%1, THE SPOT WELD-TO-SHELL CONNECTION WILL BE SET TO FLEXIBLE (BEHV=_F) BECAUSE CTYP=HINGE OR BOLT

.

7548.0 *** USER INFORMATION MESSAGE 7548 (MDG4SW)
FOR PWELD ENTRY ID=%1, THE SPOT WELD WILL BE SET TO RIGID (BEHV=R_) BECAUSE MTYP=EQUI.

7549.0 *** USER FATAL MESSAGE 7549 (SEPWLD)
FOR CWELD ENTRY ID=%1, THE PROJECTION OF GS GRID ID=%2 ONTO THE SURFACE CANNOT BE FOUND OR
LIES OUTSIDE THE SURFACE.

7550.0 *** USER FATAL MESSAGE 7550 (MDG4SW)
FOR PWELD ENTRY ID=%1, THE DIAMETER OF THE SPOT WELD IS NOT GREATER THAN ZERO.
USER INFORMATION: IF BEHV=FF OR FR, THEN THE DIAMETER MUST BE SPECIFIED.

7551.0 *** USER FATAL MESSAGE 7551 (BNDSP3)
BOUNDARY GRID %1B, WHICH INHERITS AN UPSTREAM COORDINATE SYSTEM ID=%2, IS NOT TOTALLY CONSTRAINED FOR EITHER
ALL TRANSLATIONS OR ALL ROTATIONS.
USER ACTION: DEFINE A COINCIDENT GRID AND COORDINATE SYSTEM IN THE DOWNSTREAM SUPERELEMENT.

7552.0 *** USER INFORMATION MESSAGE 7551 (BNDSP3)
BOUNDARY GRID %1B WILL INHERIT ITS CONTRAINTS FROM UPSTREAM SUPERELEMENT(S).

7552.1 *** USER INFORMATION MESSAGE 7551 (BNDSP3)
BOUNDARY GRID %1B WILL INHERIT ITS CONTRAINTS FROM UPSTREAM SUPERELEMENT(S).
CONTRAINTS ARE APPLIED TO AN IMPLICIT BOUNDARY AND THUS SPCFORCE OUTPUT WILL NOT BE AVAILABLE.
USER INFORMATION: SPCFORCES WILL NOT BE REFLECTED IN THE GPFORCE, SPCFORCE MAXIMA, AND SPCFORCE RESULTANT OUTPUTS.
USER ACTION: DEFINE A CONCIDENT GRID IN THE DOWNSTREAM SUPERELEMENT FOR OUTPUT RECOVERY.

7553.0 *** USER INFORMATION MESSAGE 7553 (GP1D)
A TOTAL OF %1 DAREA BULK DATA ENTRIES FOR GRID AND SCALAR POINTS HAVE BEEN CONVERTED TO EQUIVALENT FORCE / MOMENT / SLOAD ENTRIES (AS APPROPRIATE)
User information:
Set NASTRAN SYSTEM(320) = n to request details of the first n of such conversions
(set n to a very large value to request details of all such conversions)
Set NASTRAN SYSTEM(320) = -1 to suppress all such conversions altogether

7553.1 *** USER INFORMATION MESSAGE 7553 (SECNVG)

A TOTAL OF %1 %2 BULK DATA ENTRIES HAVE BEEN
CONVERTED TO EQUIVALENT %3 ENTRIES
User information:
Set NASTRAN SYSTEM(350) = n to request details of the first n of such conversions
(set n to a very large value to request details of all such conversions)
Set NASTRAN SYSTEM(350) = -1 to suppress all such conversions altogether

7553.2 *** USER INFORMATION MESSAGE 7553 (SECNVG)
A TOTAL OF %1 %2 AND %3 %4 BULK DATA ENTRIES HAVE BEEN
CONVERTED TO EQUIVALENT %5 ENTRIES
User information:
Set NASTRAN SYSTEM(350) = n to request details of the first n of such conversions
(set n to a very large value to request details of all such conversions)
Set NASTRAN SYSTEM(350) = -1 to suppress all such conversions altogether

7553.3 *** USER INFORMATION MESSAGE 7553 (SECNVG)
A TOTAL OF %1 %2 BULK DATA ENTRIES, WHICH EMPLOY A
THIRD GRID POINT TO DEFINE THE ORIENTATION VECTOR,
HAVE BEEN MODIFIED BY REPLACING THOSE GRID POINTS BY
EQUIVALENT VECTOR COORDINATES
User information:
Set NASTRAN SYSTEM(350) = n to request details of the first n of such modifications
(set n to a very large value to request details of all such modifications)
Set NASTRAN SYSTEM(350) = -1 to suppress all such modifications altogether

7554.0 *** USER FATAL MESSAGE 7554 (R3CGRT)
DRESP3 ENTRY %1 SPECIFIES AN UNDEFINED RESPONSE TYPE %2
FOR EXTERNAL RESPONSE GROUP = %3.
USER INFORMATION : MAKE SURE THAT THE RESPONSE TYPE
NAME ON THE DRESP3 ENTRY MATCHES THE RESPONSE TYPE
SPECIFICED
IN THE SERVER ROUTINE.

7555.0 *** USER INFORMATION MESSAGE 7555
FINITE ELEMENT GEOMETRY CHECK RESULTS EXCEED
TOLERANCE LEVELS FOR THE FOLLOWING ELEMENTS.
USER ACTION: USE THE GEOMCHECK (EXECUTIVE CONTROL
STATEMENT) KEYWORD=VALUE TO CHANGE TOLERANCE
VALUES IF DESIRED.
User information:
Element Geometry test tolerance levels and message limits can be changed by the GEOMCHECK Executive Control statement.
The following keywords are available:

Q4_SKEW - to modify the CQUAD4/CQUADR skew angle test tolerance.
Q4_TAPER - to modify the CQUAD4/CQUADR taper ratio test tolerance.
Q4_WARP - to modify the CQUAD4/CQUADR warping coefficient test tolerance.
Q4_IAMAX - to modify the CQUAD4/CQUADR maximum interior angle test tolerance.
Q4_IAMIN - to modify the CQUAD4/CQUADR minimum interior angle test tolerance.
T3_SKEW - to modify the CTRIA3/CTRIAR skew angle test tolerance.
T3_IAMAX - to modify the CTRIA3/CTRIAR maximum interior angle test tolerance.
TET_AR - to modify the CTETRA aspect ratio test tolerance.
TET_EPLR - to modify the CTETRA edge node point length ratio test tolerance.
TET_DETJ - to modify the CTETRA determinant of the Jacobian matrix test tolerance.
TET_DETG - to modify the CTETRA determinant of the vertex points Jacobian matrix test tolerance.
HEX_AR - to modify the CHEXA aspect ratio test tolerance.
HEX_EPLR - to modify the CHEXA edge node point length ratio test tolerance.
HEX_DETJ - to modify the CHEXA determinant of the Jacobian matrix test tolerance.
HEX_WARP - to modify the CHEXA face warping coefficient test tolerance.
BEAM_OFF - to modify the CBEAM offset length ratio test tolerance.
BAR_OFF - to modify the CBAR offset length ratio test tolerance.
MSGLIMIT - to limit the number of messages that are generated.
MSGTYPE - to modify the severity level of the test.

7555.1 *** USER INFORMATION MESSAGE 7555
FINITE ELEMENT GEOMETRY CHECK RESULTS EXCEED TOLERANCE LEVELS FOR THE FOLLOWING ELEMENTS.

7555.2 *** USER INFORMATION MESSAGE 7555
FINITE ELEMENT GEOMETRY CHECK RESULTS EXCEED TOLERANCE LEVELS FOR THE FOLLOWING ELEMENTS.
USER ACTION: USE THE GEOMCHECK (EXECUTIVE CONTROL STATEMENT) KEYWORD=VALUE TO CHANGE TOLERANCE VALUES IF DESIRED.
User information:
Element Geometry test tolerance levels and message limits can be changed by the GEOMCHECK Executive Control statement.
The following keywords are available:
QDX_SKEW - to modify the CQUADX4/8 skew angle test tolerance.
QDX_TAPR - to modify the CQUADX4/8 taper ratio test tolerance.
QDX_IAMX - to modify the CQUADX4/8 maximum interior angle test tolerance.

QDX_IAMN - to modify the CQUADX4/8 minimum interior angle test tolerance.
QDX_AR - to modify the CQUADX4/8 aspect ratio test tolerance.
QDX_EPLR - to modify the CQUADX4/8 edge node point length ratio test tolerance.
TRX_IAMN - to modify the TRIAX3/6 maximum interior angle test tolerance.
TRX_IAMX - to modify the TRIAX3/6 maximum interior angle test tolerance.
TRX_AR - to modify the TRIAX3/6 aspect ratio test tolerance.
TRX_EPLR - to modify the TRIAX3/6 edge node point length ratio test tolerance.
MSGLIMIT - to limit the number of messages that are generated.
MSGTYPE - to modify the severity level of the test.

7555.3 *** USER INFORMATION MESSAGE 7555
FINITE ELEMENT GEOMETRY CHECK RESULTS EXCEED TOLERANCE LEVELS FOR THE FOLLOWING ELEMENTS.

7555.4 *** USER FATAL MESSAGE 7555
FINITE ELEMENT QUALITY CHECKS FAILED.
USER ACTION: REVIEW THE QUALITY CHECK RESULTS AND ADJUST TOLERANCE VALUES IF DESIRED.
User information:

7555.5 *** USER INFORMATION MESSAGE 7555
FINITE ELEMENT GEOMETRY CHECK RESULTS EXCEED TOLERANCE LEVELS FOR THE FOLLOWING ELEMENTS.
USER ACTION: USE THE GEOMCHECK (EXECUTIVE CONTROL STATEMENT) KEYWORD=VALUE TO CHANGE TOLERANCE VALUES IF DESIRED.
THE LONGEST TO SHORTEST EDGE HEIGHT RATIO IN THE STACKING DIRECTION OF COMPOSITE SOLID ELEMENT SHOULD BE NO LESS THAN 1.0.

7555.6 *** USER INFORMATION MESSAGE 7555
FINITE ELEMENT GEOMETRY CHECK RESULTS EXCEED TOLERANCE LEVELS FOR THE FOLLOWING ELEMENTS.
USER ACTION: USE THE GEOMCHECK (EXECUTIVE CONTROL STATEMENT) KEYWORD=VALUE TO CHANGE TOLERANCE VALUES IF DESIRED.
User information:
Element Geometry test tolerance levels and message limits can be changed by the GEOMCHECK Executive Control statement.
The following keywords are available:
Q8_SKEW - to modify the CQUAD8 skew angle test tolerance.
Q8_TAPER - to modify the CQUAD8 taper ratio test tolerance.
Q8_IAMAX - to modify the CQUAD8 maximum interior angle test tolerance.
Q8_IAMIN - to modify the CQUAD8 minimum interior angle test tolerance.

Q8_AR - to modify the CQUAD8 aspect ratio test tolerance.
Q8_EPLR - to modify the CQUAD8 edge node point length ratio test tolerance.
MSGLIMIT - to limit the number of messages that are generated.
MSGTYPE - to modify the severity level of the test.

7555.7 *** USER INFORMATION MESSAGE 7555
FINITE ELEMENT GEOMETRY CHECK RESULTS EXCEED TOLERANCE LEVELS FOR THE FOLLOWING ELEMENTS.

7555.8 *** USER INFORMATION MESSAGE 7555
FINITE ELEMENT GEOMETRY CHECK RESULTS EXCEED TOLERANCE LEVELS FOR THE FOLLOWING ELEMENTS.
USER ACTION: USE THE GEOMCHECK (EXECUTIVE CONTROL STATEMENT) KEYWORD=VALUE TO CHANGE TOLERANCE VALUES IF DESIRED.
User information:
Element Geometry test tolerance levels and message limits can be changed by the GEOMCHECK Executive Control statement.
The following keywords are available:
TA6_IAMX - to modify the CTRIA6 maximum interior angle test tolerance.
TA6_IAMN - to modify the CTRIA6 minimum interior angle test tolerance.
TA6_AR - to modify the CTRIA6 aspect ratio test tolerance.
TA6_EPLR - to modify the CTRIA6 edge node point length ratio test tolerance.
MSGLIMIT - to limit the number of messages that are generated.
MSGTYPE - to modify the severity level of the test.

7555.9 *** USER INFORMATION MESSAGE 7555
FINITE ELEMENT GEOMETRY CHECK RESULTS EXCEED TOLERANCE LEVELS FOR THE FOLLOWING ELEMENTS.

7556.0 *** USER FATAL MESSAGE 7556 (SEPMAB)
SUPERELEMENT %1 HAS BOTH INTERIOR STRUCTURAL AND FLUID GRID POINTS.
USER ACTION: REASSIGN GRID POINTS AND/OR ELEMENTS SO THAT THE SUPERELEMENT'S INTERIOR AND EXTERIOR POINTS ARE ALL
FLUID OR ITS INTERIOR POINTS ARE ALL STRUCTURAL.

7557.0 *** User FATAL MESSAGE 7557 (SEQWRT)
THE FOLLOWING GRID POINT IDS ARE REFERENCED ON BULK DATA ENTRIES THAT ARE NOT SUPPORTED IN AUTOMATIC SUPERELEMENTS IF IT
POSSESSES DEPENDENT DEGREES-OF-FREEDOM. THE UNSUPPORTED ENTRIES ARE:
DPHASE, DELAY, TIC, SUPORT, SUPORT1, CBUSH, AND CAABSF
USER ACTION: REMOVE THE GRIDS FROM ALL UNSUPPORTED ENTRIES OR REASSIGN THE DEPENDENT DEGREES-OF-FREEDOM TO

INDEPENDENT DEGREES-OF-FREEDOM.
GRIDPOINTS:

7558.0 *** SYSTEM WARNING MESSAGE 7558 (RWELDD)
FOR SPOT WELD GRID GS ID=%1 THE CONSTRAINT EQUATIONS ARE INCOMPLETE. THE CONSTRAINT FOR COMPONENT %2 CANNOT BE GENERATED BECAUSE THERE ARE NOT ENOUGH UNCONSTRAINED DEGREES OF FREEDOM AVAILABLE FOR THE M-SET.

7558.1 *** SYSTEM FATAL MESSAGE 7558 (RWELDD)
AN ERROR OCCURED PROCESSING SPOT WELD ELEMENT ID=%1 . VERIFY THE NODAL CONNECTIVITY IS VALID.

7558.2 *** USER WARNING MESSAGE 7558 (RWELDD)
THE PROJECTION OF GA TO THE ELEMENT FOR WELD ID=%1 FALLS OUTSIDE THE ELEMENT BY %2 PERCENT

7559.0 *** USER INFORMATION MESSAGE 7559 (TRLGCD/S and FRRD1A)
THIS %1 RESPONSE ANALYSIS INVOLVES THE FOLLOWING TYPES OF EXCITATION --

7559.2 *** USER FATAL MESSAGE 7559 (FRRD1A)
%1 BULK DATA WITH SID= %2 CONTAINS A MISSING OR INVALID BULK DATA
REFERENCE.

7559.3 *** USER WARNING MESSAGE 7559 (FRRD1A)
AVAILABLE MEMORY IS LESS THAN THE MEMORY NEEDED TO HOLD
LOADS AT DIFFERENT FREQUENCIES/TIMES INTERVALS. THIS WILL
IMPACT PEFORMANCE AS SPILL LOGIC WILL BE USED. PLEASE INCREASE MEMORY BY %1 WORDS TO HOLD THE LOADS INCORE

7560.0 *** USER FATAL MESSAGE 7560 (DSAD11)
MODE %1, WHICH IS SPECIFIED ON A DRESP1 ENTRY, HAS AN EIGENVALUE OF %2 WHICH IS LESS THAN (OR EQUAL TO) 0.0.
USER INFORMATION: THIS MODE COULD BE A RIGID BODY MODE.
USER ACTION: REVIEW LIST OF REAL EIGENVALUES AND SELECT ONLY ELASTIC MODE NUMBER FOR ATTA FIELD (FIELD 7) ON DRESP1.

7561.0 *** SYSTEM FATAL MESSAGE 7561 (APD2)
THE NUMBER OF INTERFERENCE GROUPS EXCEEDS THE MAXIMUM NUMBER %1 ALLOWED.

7562.0 *** SYSTEM FATAL MESSAGE 7562 (MAPGEN)
THE SIZE OF THE MAPPING MATRIX CREATED IS %1 BY %2. IT SHOULD BE %3 BY %4.

7563.0 *** SYSTEM FATAL MESSAGE 7563 (SEP2MT)
POINT IDS %1 AND %2, WHICH ARE SPECIFIED ON THE DMIG BULK DATA ENTRY WITH NAME=%3,
ARE INTERIOR TO DIFFERENT SUPERELEMENTS.

7564.0 *** SYSTEM FATAL MESSAGE 7564 (MTMD36)
ERROR OCCURRED WHILE ATTEMPTING TO READ ASSOCIATED INDEX FOR FILE %1.

7565.0 *** USER FATAL MESSAGE 7565 (SEQP)
NTIPS=%1 IS NOT DIVISIBLE BY THE NUMBER OF PROCESSORS=%2.
USER ACTION: MODIFIY THE VALUE OF NTIPS OR THE NUMBER OF PROCESSORS.

7566.0 *** USER WARNING MESSAGE 7566 (SEQP)
THE FOLLOWING COMBINATION OF PARAMETER VALUES IS NOT VALID: NTIPS = %1, TIPSCOL = %2, ZCOLLCT = %3.
USER INFORMATION: VALID SETTINGS REQUIRE TIPSCOL*ZCOLLCT <= NTIPS. THEREFORE, TIPSCOL AND ZCOLLCT
HAVE BEEN CHANGED TO A VALUE OF 2.

7567.0 *** USER FATAL MESSAGE 7567 (SEQP)
THE SUPER CASE CONTROL COMMAND HAS BEEN SPECIFIED.
USER INFORMATION: THE SUPER COMMAND IS NOT PERMITTED WITH THE AUTOMATIC MODEL PARTITIONER.
USER ACTION: CONSOLIDATE AND REWRITE THE SUBCASES WITHOUT THE SUPER COMMAND.

7567.1 *** USER WARNING MESSAGE 7567 (SEQMRB)
THE SUPORT OR SUPORT1 BULK DATA ENTRY HAS BEEN SPECIFIED ALONG WITH ACMS.
USER INFORMATION: THE SUPORT AND SUPORT1 ENTRIES WILL BE IGNORED.

7568.0 *** USER FATAL MESSAGE 7568 (SECNV1 and SECNV2)
POINT ID %1 REFERENCED ON THE %2 BULK DATA ENTRY %3 IS NOT A GRID POINT

7568.1 *** USER FATAL MESSAGE 7568 (SECNV3)
POINT ID %1 REFERENCED ON THE FOLLOWING %2 BULK DATA ENTRY %3 IS NOT A GRID POINT

7569.0 *** USER FATAL MESSAGE 7569 (DOPR1B)
INITIAL VALUE ON DESVAR ENTRY ID = %1 IS OUTSIDE THE RANGE OF DISCRETE VALUES SPECIFIED ON
DDVAL ENTRY ID = %2.
USER ACTION: CHANGE THE INITIAL VALUE ON THE DESVAR ENTRY OR THE DISCRETE VALUES ON DDVAL ENTRY.

7570.0 *** USER INFORMATION MESSAGE 7570 (VECPLX)

RESULTS OF RIGID BODY CHECKS OF MATRIX %1%2 %3%4
FOLLOW:
PRINT RESULTS IN ALL SIX DIRECTIONS AGAINST THE LIMIT OF
%5
DIRECTION STRAIN ENERGY PASS/FAIL
--------- ------------ ---------
1 %6 %7
2 %8 %9
3 %10 %11
4 %12 %13
5 %14 %15
6 %16 %17
SOME POSSIBLE REASONS MAY LEAD TO THE FAILURE:
1. CELASI ELEMENTS CONNECTING TO ONLY ONE GRID POINT;
2. CELASI ELEMENTS CONNECTING TO NON-COINCIDENT POINTS;
3. CELASI ELEMENTS CONNECTING TO NON-COLLINEAR DOF;
4. IMPROPERLY DEFINED DMIG MATRICES;

7570.1 *** USER INFORMATION MESSAGE 7570 (VECPLX)
RESULTS OF RIGID BODY CHECKS OF MATRIX %1%2 %3%4
FOLLOW:
PRINT RESULTS IN ALL SIX DIRECTIONS AGAINST THE LIMIT OF
%5
DIRECTION STRAIN ENERGY PASS/FAIL
--------- ------------ ---------
1 %6 %7
2 %8 %9
3 %10 %11
4 %12 %13
5 %14 %15
6 %16 %17
SOME POSSIBLE REASONS MAY LEAD TO THE FAILURE:
1. MULTIPOINT CONSTRAINT EQUATIONS WHICH DO NOT
SATISFY RIGID-BODY MOTION;
2. RBE3 ELEMENTS FOR WHICH THE INDEPENDENT DEGREE-OF-
FREEDOM CANNOT DESCRIBE
ALL POSSIBLE RIGID-BODY MOTIONS.

7570.2 *** USER INFORMATION MESSAGE 7570 (VECPLX)
RESULTS OF RIGID BODY CHECKS OF MATRIX %1%2 %3%4%5%6
FOLLOW:
PRINT RESULTS IN ALL SIX DIRECTIONS AGAINST THE LIMIT OF
%7
DIRECTION STRAIN ENERGY PASS/FAIL
--------- ------------ ---------
1 %8 %9
2 %10 %11

3 %12 %13
4 %14 %15
5 %16 %17
6 %18 %19
SOME POSSIBLE REASONS MAY LEAD TO THE FAILURE:
1. MPC EQUATIONS WHICH DO NOT SATISFY RIGID-BODY MOTION;
2. RBE3 ELEMENTS FOR WHICH THE INDEPENDENT DOF CANNOT DESCRIBE ALL POSSIBLE
RIGID-BODY MOTIONS;
3. PARAM,AUTOSPC HAS OVER-CONSTRAINED THE MODEL.

7570.3 *** USER INFORMATION MESSAGE 7570 (VECPLX)
RESULTS OF RIGID BODY CHECKS OF MATRIX %1%2 %3%4
FOLLOW:
PRINT RESULTS IN ALL SIX DIRECTIONS AGAINST THE LIMIT OF %5
DIRECTION STRAIN ENERGY PASS/FAIL
--------- ------------ ---------
1 %6 %7
2 %8 %9
3 %10 %11
4 %12 %13
5 %14 %15
6 %16 %17
SOME POSSIBLE REASONS MAY LEAD TO THE FAILURE:
1. CONSTRAINTS WHICH PREVENT RIGID-BODY MOTION.

7570.4 *** USER INFORMATION MESSAGE 7570 (VECPLX)
RESULTS OF RIGID BODY CHECKS OF MATRIX %1%2 %3%4
FOLLOW:
PRINT RESULTS IN ALL SIX DIRECTIONS AGAINST THE LIMIT OF %5
DIRECTION STRAIN ENERGY PASS/FAIL
--------- ------------ ---------
1 %6 %7
2 %8 %9
3 %10 %11
4 %12 %13
5 %14 %15
6 %16 %17
SOME POSSIBLE REASONS MAY LEAD TO THE FAILURE:
IF THE MODEL HAS PASSED THE PREVIOUS CHECKS FOR THE G-SET AND N-SET,
THEN:
1. THE MODEL IS NOT INTENDED TO BE FREE-FREE WHICH INDICATES THAT THE MODEL IS

PROPERLY CONSTRAINED TO GROUND;
2. THE REFERENCE GRID POINT (GRID=GID ON THE GROUNDCHECK COMMAND) IS LOCATED
TOO FAR FROM THE MODEL'S CENTER OF GRAVITY. IT IS RECOMMENDED THAT THE
REFERENCE GRID POINT BE LOCATED AS CLOSE AS POSSIBLE TO THE MODEL'S CENTER
OF GRAVITY OF THE MODEL (SEE THE GRID POINT WEIGHT GENERATOR OUTPUT);
3. PARAM,AUTOSPC,YES CONSTRAINS NEAR-SINGULAR DEGREES-OF-FREEDOM. WHEN A
FINITE ELEMENT MODEL WITH AUTOSPC FAILS THE A-SET CHECK, IT IS NOT EVIDENT
THAT GROUNDING HAS OCCURRED. THE USE OF PARAM,SNORM WILL NOT ELIMINATE THE
SPURIOUS FAILURE.

7571.0 *** USER FATAL MESSAGE 7571 (DRESP3)
THE NUMBER OF CHARACTERS IN THE USRDATA FIELD ON DRESP3 ENTRY %1 IS %2 WHICH EXCEEDS THE MAXIMUM NUMBER OF %3 CHARACTERS.

7572.0 *** SYSTEM FATAL MESSAGE 7572 (DFMSYN)
A LOGIC ERROR was encountered IN THE SYMBOLIC PHASE OF THE SPARSE DECOMPOSITION (EXTREME REORDERING).
USER ACTION: USE METIS OR GRID BASED MMD REORDERING TO AVOID THE ERROR.
RE-SUBMIT THE JOB WITH ONE OF THE FOLLOWING VALUES FOR SYSTEM(206):
SYSTEM(206)=1 (GRID BASED MMD)
SYSTEM(206)=8 (GRID BASED METIS) OR
SYSTEM(206)=9 (SELECTS BEST OF THE TWO ABOVE)

7572.1 *** SYSTEM FATAL MESSAGE 7572 (DFMSYN)
AN OVERFLOW ERROR was encountered IN THE SYMBOLIC PHASE OF THE SPARSE DECOMPOSITION (EXTREME REORDERING).
USER ACTION: RE-SUBMIT THE JOB WITH THE ILP64 VERSION OF NASTRAN.
OR USE A DIFFERENT RE-ORDERING SCHEME VIA SYSTEM(206).

7573.0 *** USER FATAL MESSAGE 7573 (MKAEF1)
AN AEFORCE BULK DATA ENTRY REFERENCES %1 ENTRY ID = %2 WHICH IS UNDEFINED.

7573.1 *** USER FATAL MESSAGE 7573 (MKAEF1)
AN AEFORCE BULK DATA ENTRY REFERENCES %1 ENTRY ID = %2 WHICH IS UNDEFINED.

7574.0 *** USER FATAL MESSAGE 7574 (MKAEF1)
THERE IS AEFORCE/STRUCT BULK DATA ENTRY, BUT NO

REFERENCED UXVEC OR FORCEI/MOMENTI BULK DATA ENTRY.

7575.0 *** USER FATAL MESSAGE 7575 (IFS4P)
TEMPP3 BULK DATA CARD IS NO LONGER AVAILABLE.
USER ACTION: USE TEMPP1.

7576.0 *** SYSTEM WARNING MESSAGE 7576 (LDNSSEL)
UNABLE TO LOAD NSERVER_SELECT CLAUSE(S) FROM FILE.
USER INFORMATION: CLAUSE(S) WILL BE IGNORED.
USER ACTION: RE-ENTER CLAUSES OR CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7577.0 *** SYSTEM WARNING MESSAGE 7577 (NSAINDX)
UNABLE TO PROCESS NSERVER_SELECT CLAUSE %1.
USER INFORMATION: CLAUSE WILL BE IGNORED.
USER ACTION: CHECK SYNTAX, INCREASE MEMORY.

7578.0 *** SYSTEM WARNING MESSAGE 7803 (NSAINDX)
CORRUPT NSERVER_SELECT MEMORY STORAGE AREA.
USER INFORMATION: CLAUSE(S) WILL BE IGNORED.
USER ACTION: REMOVE EXISTING CLAUSE(S) AND RE-ENTER.

7579.0 *** USER WARNING MESSAGE 7579 (NSASELK)
RELATION CLAUSE NOT FOUND IN NSERVER_SELECT
%1
NSERVER_SELECT IGNORED.
USER ACTION: ADD RELATION

7580.0 *** USER WARNING MESSAGE 7580 (NSASELK)
USE EITHER RECORDNO=%1 OR ELTYPE=%2 BUT NOT BOTH
USER INFORMATION: NSERVER_SELECT IGNORED.
USER ACTION: CHANGE RELATION

7581.0 *** USER WARNING MESSAGE 7581 (NSSELWH)
NSERVER_SELECT WHERE CLAUSE STARTING WITH
%1
IS TOO LONG.
USER INFORMATION: WHERE CLAUSE IS IGNORED.
USER ACTION: REDUCE WHERE CLAUSE SIZE TO LESS THAN %2 CHARACTERS

7582.0 *** SYSTEM FATAL MESSAGE 7582 (..various..)
INTERNAL LOGIC ERROR. LOCW OFFSET VALUE TOO LARGE FOR 32-BIT INTEGER.
ERROR INFORMATION: %1
INVALID OFFSET VALUE: %2
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

7583.0 *** USER FATAL MESSAGE 7583 (IFP6)
THE REFERENCED MATi BULK DATA ENTRY ID =%1 IS GREATER THAN 400000000.

USER INFORMATION: WHEN PCOMP BULK DATA ENTRIES ARE USE THE MATi IDs MUST BE LESS THAN 400000000.

7584.0 *** USER WARNING MESSAGE 7584 (MPFGPL)
THE CASE CONTROL SECTION DOES NOT CONTAIN A DEFINITION FOR SET ID %1.
User Information:
Panel grid mode participation factor processing will be skipped for this set.

7585.0 *** USER WARNING MESSAGE 7585 (MPFSTR)
GRID ID %1 SPECIFIED FOR PANEL %2%3 IS NOT A MEMBER OF THE A-SET IN THE STRUCTURAL MODEL.
User Information:
No Mode participation factors will be computed.

7586.0 *** USER WARNING MESSAGE 7586 (PARAML)
THE PARAML MODULE WITH DMI OPTION IS OVERFLOWING WITH A VALUE OF %1.
USER ACTION: REPLACE THE PARAML MODULE WITH THE SCALAR MODULE FOR THIS PURPOSE.
User Information:
The SCALAR module is able to extract double precision terms which allow numbers
in this range.

7586.1 *** USER WARNING MESSAGE 7586 (PARAML)
THE PARAML MODULE WITH DMI OPTION IS OVERFLOWING WITH A VALUE OF (%1,%2).
USER ACTION: REPLACE THE PARAML MODULE WITH THE SCALAR MODULE FOR THIS PURPOSE.
User Information:
The SCALAR module is able to extract double precision terms which allow numbers
in this range.

7586.2 *** USER WARNING MESSAGE 7586 (PRMLXY)
INVALID VALUE OF, %1%2, IS SPECIFIED FOR THE TYPE OF Y-VALUE IN X-Y PLOT COMMANDS.
User Information:
The legitimate values are listed as follows:
ACCE : Acceleration in the physical set
BOUT : Slideline contact output
DISP : Displacement in the physical set
FMPF : Fluid modal participation factor
FORC : Element force
FPRE : Fluid pressure
GMPF : Panel Grid modal participation factor
LMPF : Load modal participation factor
MPCF : Multiple-point force of constraint
NFOR : Nonlinear applied load

OLOA : Applied load
PMPF : Panel modal participation factor
PRES : Pressure
SACC : Acceleration in the solution set
SDIS : Displacement in the solution set
SMPF : Structural modal participation factor
SPCF : Single-point force of constraint
STRA : Element strain
STRE : Element stress
SVEL : Velocity in the solution set
VELO : Velocity in the physical set
VG : Flutter analysis

7586.3 *** USER WARNING MESSAGE 7586 (PRMLXY)
INVALID VALUE OF, %1%2, IS SPECIFIED FOR THE TYPE OF Y-VALUE IN X-Y PLOT COMMANDS.

7587.0 *** USER WARNING MESSAGE 7587 (GKAM)
THE MODESELECT CASE CONTROL COMMAND FOR %1 IS IGNORED IN THIS MODAL %2 ANALYSIS
AS IT REFERENCES BOTH AN UNDEFINED SET %3 AND NON-EXISTENT %1 MODE %3

7588.0 *** USER INFORMATION MESSAGE 7588 (GKAM)
BASED ON THE MODESELECT CASE CONTROL COMMAND OR THE USER PARAMETERS LMODES, LFREQ OR HFREQ,
ONLY %1 OF THE %2 COMPUTED %3 MODES (MODES %4 THROUGH %5)
WILL BE USED IN THIS MODAL %6 ANALYSIS

7589.0 *** USER INFORMATION MESSAGE 7589 (GKAM)
BASED ON THE MODESELECT CASE CONTROL COMMAND, ONLY THE FOLLOWING %1 OF THE %2 COMPUTED %3 MODES
WILL BE USED IN THIS MODAL %4 ANALYSIS --

7590.0 *** USER FATAL MESSAGE 7590.
CWELD ELEMENT ID %1 CONNECTS TO A SURFACE WHICH
HAS AN INTERIOR ANGLE POSSIBLY GREATER THAN OR EQUAL TO 180 DEGREES.

7591.0 *** USER FATAL MESSAGE 7591 (STPDA)
A PAERO4 (STRIP THEORY) BULK DATA ENTRY USES THE PRANDTL-GLAUERT
COMPRESSIBILITY CORRECTION (CLA=-1) AND SPECIFIES A SUPERSONIC MACH
NUMBER OF %1 ON THE ACCOMPANYING %2 ENTRY. WITH THE SWEEP
ANGLE OF %3 DEGREES, THIS RESULTS IN A CONFIGURATION WHERE THE
PRANDTL-GLAUERT CORRECTION IS NOT APPLICABLE.

USER INFORMATION: THE CLA = -1 OPTION IS ONLY APPLICABLE AT SUBSONIC
SPEEDS. IF STRIP THEORY IS TO BE USED SUPERSONICALLY, SET CLA=1 OR
CLA=0 WITH NCIRC .NE. 0

7592.0 *** USER FATAL MESSAGE 7592 (A?)
ERROR CODE %1 HAS OCCURRED IN THE NONLINEAR AERO DATABASE INTERPOLATOR.

7592.1 *** USER FATAL MESSAGE 7592 (A?)
ERROR CODE %1 HAS OCCURRED IN THE NONLINEAR AERO DATABASE INTERPOLATOR.
THERE ARE DUPLICATE STATES IN THE DATABASE OVER WHICH INTERPOLATION IS NEEDED.
USER ACTION: REMOVE THE DUPLICATE STATES.

7592.2 *** USER FATAL MESSAGE 7592 (A?)
ERROR CODE %1 HAS OCCURRED IN THE NONLINEAR AERO DATABASE INTERPOLATOR.
THERE ARE TOO FEW STATES TO INTERPOLATE OVER THE DIMENSIONALITY OF THE SPACE.
USER ACTION: INCREASE THE NUMBER OF POINTS TO SPAN THE SPACE, OR
REMOVE OR CONSTRAIN SOME DIMENSIONS FROM THE INTERPOLATION.

7592.3 *** USER FATAL MESSAGE 7592 (A?)
ERROR CODE %1 HAS OCCURRED IN THE NONLINEAR AERO DATABASE INTERPOLATOR.
THE INTERPOLATION MATRIX BG IS SINGULAR.
USER ACTION: REDEFINE THE SET OF HARD POINTS BY EITHER ADDING OR DELETING SOME INSTANCES.

7592.4 *** USER FATAL MESSAGE 7592 (A?)
ERROR CODE %1 HAS OCCURRED IN THE NONLINEAR AERO DATABASE INTERPOLATOR.
THE INTERPOLATION MATRIX A3 IS SINGULAR.
USER ACTION: REDEFINE THE SET OF HARD POINTS BY EITHER ADDING OR DELETING SOME INSTANCES.

7592.5 *** USER FATAL MESSAGE 7592 (A?)
ERROR CODE %1 HAS OCCURRED IN THE NONLINEAR AERO DATABASE INTERPOLATOR.
A PARAMETER (DIMENSION) IN THE INTERPOLATION HAS ONLY A SINGLE KNOWN VALUE, BUT YOU HAVE
REQUESTED INTERPOLATION TO A DIFFERENT VALUE.
USER ACTION: FIX VALUES OF CONSTANTS AT THE DATABASE VALUE, OR
ADD ADDITIONAL STATES TO ALLOW INTERPOLATION.

7592.6 *** USER FATAL MESSAGE 7592 (A?)
ERROR CODE %1 HAS OCCURRED IN THE NONLINEAR AERO DATABASE INTERPOLATOR.
THE NONLINEAR DATABASE INTERPOLATION FAILED TO FIND A USABLE SET OF STATES WITH THE MINIMUM 2 VALUES PER PARAMETER.
USER ACTION: ADD ADDITIONAL STATES TO THE DATABASE.

7592.7 *** USER FATAL MESSAGE 7592 (A?)
ERROR CODE %1 HAS OCCURRED IN THE NONLINEAR AERO DATABASE INTERPOLATOR.
THERE IS AN INADEQUATE SET OF STATES TO PERFORM THE INTERPOLATION.
USER ACTION: ADD ADDITIONAL STATES TO THE DATABASE.

7592.8 *** USER FATAL MESSAGE 7592 (A?)
ERROR CODE %1 HAS OCCURRED IN THE NONLINEAR AERO DATABASE INTERPOLATOR.
THERE IS AN IN ADEQUATE SET OF STATES IN THE SECONDARY SEARCH.
USER ACTION: ADD ADDITIONAL STATES TO THE DATABASE.

7593.0 *** USER WARNING MESSAGE 7593 (MDG2SP)
THE MSET FIELD IS SPECIFIED OFF ON PWELD ENTRY ID %1 FOR CWELD ELEMENT ID %2.
USER INFORMATION: MSET IS RESET TO ON BECAUSE MSET=OFF IS ONLY AVAILABLE WHEN TWO SURFACE PATCHES ARE CONNECTED.

7594.0 *** USER WARNING MESSAGE 7594 (MDG2SW)
TWO SURFACE PATCHES WHICH ARE CONNECTED BY CWELD ELEMENT ID %1 SHARE THE SAME GRID ID %2.
USER INFORMATION: THE CWELD ELEMENT WILL BE IGNORED BECAUSE IT CONNECTS TWO SURFACE PATCHES
WHICH ARE ALREADY CONNECTED THROUGH AT LEAST ONE COMMON GRID.
USER ACTION: TO ENSURE THE ELEMENT IS NOT IGNORED THEN CORRECT THE CONNECTIVITY OR SET MSET TO ON
ON THE REFERENCED PWELD ENTRY.

7595.0 *** SYSTEM FATAL MESSAGE 7595 (CHKCOME)
REQUIRED INPUT DATA BLOCK SEMAP MISSING FROM CHKCOME DMAP COMMAND.

7596.0 *** USER FATAL MESSAGE 7596 (FRRD1A)
AN ENFORCED VELOCITY OR ACCELERATION IS SPECIFIED AT ZERO FREQUENCY.
USER ACTION: REMOVE THE ZERO FREQUENCY FROM THE SELECTED FREQi BULK DATA ENTRY.

7596.1 *** USER FATAL MESSAGE 7596 (FRRD1A)

THE ACSRCE BULK DATA ENTRY AND THE RLOAD/TLOAD ENTRY POINT TO THE SAME FREQUENCY DEPENDENT TABLES
USER ACTION: CHANGE THE TABLE ID FOR ACSCRE OR RLOAD/TLOAD AND MAKE IT UNIQUE

7597.0 *** USER WARNING MESSAGE 7597 (PQVOLD)
ELEMENT ID = %1 REFERENCED BY GMQVOL ENTRY WITH LID = %2 IS UNDEFINED.
USER ACTION: CHECK GMQVOL ENTRY TO ENSURE THAT SPECIFIED ELEMENT EXISTS.

7598.0 *** USER WARNING MESSAGE 7598 (MTMD40)
READ ERROR ON INPUT DATA BLOCK.

7599.0 *** SYSTEM FATAL MESSAGE 7599 (CHKCOMG)
REQUIRED INPUT DATA BLOCK SGPDT MISSING FROM CHKCOMG DMAP COMMAND.

7600.0 *** SYSTEM FATAL MESSAGE 7600 (CHKCOMG)
REQUIRED INPUT DATA BLOCK EQEXINS MISSING FROM CHKCOMG DMAP COMMAND.

7601.0 *** SYSTEM FATAL MESSAGE 7601 (CHKCOME)
REQUIRED OUTPUT DATA BLOCK SEELEMS MISSING FROM CHKCOME DMAP COMMAND.

7602.0 *** USER WARNING MESSAGE 7602 (DOPR1I)
ON PROPERTY ENTRY %1 WITH PID=%2 AND PROPERTY NAME=%3, THE PROPERTY VALUE %4 IS
GREATER THAN THE MAXIMUM PMAX VALUE %5 SPECIFIED ON THE %6 %7 ENTRY.
USER ACTION: MODIFY THE PROPERTY ENTRY ON THE %8 ENTRY ACCORDINGLY.
USER INFORMATION: STARTING THE DESIGN WITH INFEASIBLE PROPERTIES WILL IMPEDE THE DESIGN PROCESS.

7602.1 *** USER WARNING MESSAGE 7602 (DOPR1I)
ON PROPERTY ENTRY %1 WITH PID=%2 AND PROPERTY NAME=%3, THE PROPERTY VALUE %4 IS
LESS THAN THE MINIMUM PMIN VALUE %5 SPECIFIED ON THE %6 %7 ENTRY.
USER ACTION: MODIFY THE PROPERTY ENTRY ON THE %8 ENTRY ACCORDINGLY.
USER INFORMATION: STARTING THE DESIGN WITH INFEASIBLE PROPERTIES WILL IMPEDE THE DESIGN PROCESS.

7602.2 *** USER FATAL MESSAGE 7602 (DOPR1I)
ON PROPERTY ENTRY %1 WITH PID=%2 AND PROPERTY NAME=%3, THE PROPERTY VALUE %4 IS
GREATER THAN THE MAXIMUM PMAX VALUE %5 SPECIFIED ON THE %6 %7 ENTRY.
USER INFORMATION: STARTING THE DESIGN WITH INFEASIBLE

PROPERTIES WILL IMPEDE THE DESIGN PROCESS.
USER ACTION: 1. MODIFY THE PROPERTY ENTRY ON THE %8 ENTRY ACCORDINGLY, OR
2. USE PLVIOL,1 ON DOPTPRM TO FORCE THE DESIGN PROCESS TO PROCEED WITH INFEASIBLE PROPERTIES
(MAY PRODUCE LESS DESIRABLE RESULTS)

7602.3 *** USER FATAL MESSAGE 7602 (DOPR1I)
ON PROPERTY ENTRY %1 WITH PID=%2 AND PROPERTY NAME=%3, THE PROPERTY VALUE %4 IS
LESS THAN THE MINIMUM PMIN VALUE %5 SPECIFIED ON THE %6 %7 ENTRY.
USER INFORMATION: STARTING THE DESIGN WITH INFEASIBLE PROPERTIES WILL IMPEDE THE DESIGN PROCESS.
USER ACTION: 1. MODIFY THE PROPERTY ENTRY ON THE %8 ENTRY ACCORDINGLY, OR
2. USE PLVIOL,1 ON DOPTPRM TO FORCE THE DESIGN PROCESS TO PROCEED WITH INFEASIBLE PROPERTIES
(MAY PRODUCE LESS DESIRABLE RESULTS)

7603.0 *** SYSTEM FATAL MESSAGE 7603 (CHKCOME)
INSUFFICIENT MEMORY FOR CHKCOME DMAP COMMAND.

7604.0 *** USER FATAL MESSAGE 7604 (DOPR1I)
A DESIGNED PROPERTY DIFFERS FROM THE VALUE PROVIDED ON THE PROPERTY ENTRY BY MORE THAN %1.
USER ACTION: MODIFY EITHER THE PROPERTY ENTRY, THE %2 %3 ENTRY OR PTOL ON THE DOPTPRM ENTRY.

7605.0 *** SYSTEM FATAL MESSAGE 7605 (CHKCOMG)
INSUFFICIENT MEMORY FOR CHKCOMG DMAP COMMAND.

7606.0 *** SYSTEM FATAL MESSAGE 7606 (CHKCOMG)
REQUIRED OUTPUT DATA BLOCK SEGRIDS MISSING FROM CHKCOMG DMAP COMMAND.

7607.0 *** SYSTEM FATAL MESSAGE 7607 (COMBOUT)
COMBOUT MODULE REQUIRES 2 INPUT DATA BLOCKS.

7608.0 *** SYSTEM FATAL MESSAGE 7608 (COMBOUT)
REQUIRED OUTPUT DATA BLOCK OUTC MISSING FROM COMBOUT DMAP COMMAND.

7609.0 *** SYSTEM FATAL MESSAGE 7609 (COMBOUT)
INSUFFICIENT MEMORY FOR COMBOUT DMAP COMMAND.

7610.0 *** SYSTEM FATAL MESSAGE 7610 (COMBOUT)
OUT1 AND OUT2 ARE INCOMPATIBLE FOR COMBOUT DMAP COMMAND.

7611.0 *** SYSTEM FATAL MESSAGE 7611 (COMBOUT)
OUT1 AND OUT2 MUST BE SORT1 FOR COMBOUT DMAP COMMAND.

7612.0 *** SYSTEM FATAL MESSAGE 7612 (COMBOUT)
UNSUPPORTED DATA TYPE IN OUT1 FOR COMBOUT DMAP COMMAND.

7613.0 *** SYSTEM FATAL MESSAGE 7613 (VDRMC)
INCONSISTENT INPUT DATA: NUMBER OF GROUPS OF FREQ/TIME/EIGENVALUES
DO NOT MATCH NUMBER OF DOF TO BE PROCESSED.

7613.1 *** SYSTEM FATAL MESSAGE 7613 (VDRPC)
INCONSISTENT INPUT DATA: NUMBER OF GROUPS OF FREQUENCIES
DO NOT MATCH NUMBER OF ACOUSTIC DOF TO BE PROCESSED.

7613.2 *** SYSTEM FATAL MESSAGE 7613 (VDRB)
THE NUMBER OF DEGREES OF FREEDOM EXCEEDS THE LIMIT OF 8388608.
USER ACTION: USE THE ILP64 VERSION OF NASTRAN,
OR REDUCE THE SIZE OF YOUR MODEL.

7623.0 *** USER FATAL MESSAGE 7623, DOMLOC.
RECORD IN FILE%1 HAS LESS THAN 2 WORDS.

7629.0 *** USER FATAL MESSAGE 7629 (DOPR3C)
%1 ENTRY ID = %2 IS IDENTICAL TO A DRESP1 ENTRY ID.

7701.0 *** USER FATAL MESSAGE 7701 (A?)
COMPONENT ID: %1, REFERENCED BY BULK DATA ENTRY: AECOMPL %2, WAS NOT FOUND.
PROGRAMMER INFORMATION: COMPONENT %1 DOES NOT APPEAR IN THE %3 TABLE.

7701.1 *** USER FATAL MESSAGE 7701 (A?)
COMPONENT ID: %1, WAS NOT FOUND.
PROGRAMMER INFORMATION: COMPONENT %1 DOES NOT APPEAR IN THE %2 TABLE.

7701.2 *** USER FATAL MESSAGE 7701 (A?)
LIST ID: %1, REFERENCED BY BULK DATA ENTRY: AECOMP %2 %3, WAS NOT FOUND.
PROGRAMMER INFORMATION: %3 %1 DOES NOT APPEAR IN THE %4 TABLE.

7701.3 *** USER WARNING MESSAGE 7701 (A?)
GRID ID: %1, REFERENCED BY COMPONENT ID: %2, WAS NOT FOUND.
PROGRAMMER INFORMATION: GRID %1 DOES NOT APPEAR IN THE %3 TABLE.

7701.4 *** USER WARNING MESSAGE 7701 (A?)
%1 ADDITIONAL GRIDS REFERENCED BY COMPONENT ID: %2, WERE ALSO NOT FOUND BUT ARE NOT LISTED.

7701.5 *** USER FATAL MESSAGE 7701 (A?)

%1 BULK DATA ENTRY WITH ID %2 REFERENCED BY CASE CONTROL %3 DOES NOT EXISTS.
USER INFORMATION: %3 IN CASE CONTROL IS USED TO INDICATE AN AERODYNAMIC EXTRA
POINT VECTOR ABOUT WHICH THE STABILITY DERIVATIVES ARE TO
BE COMPUTED AND PRINTED.

7701.6 *** USER FATAL MESSAGE 7701 (A?)
NO UXVEC BULK DATA ENTRIES WERE FOUND.
USER INFORMATION: UXVEC ENTRIES ARE REQUIRED TO DEFINE AERODYNAMIC CONTROL
POINT (EXTRA POINT) VECTOR VALUES.

7701.7 *** USER WARNING MESSAGE 7701 (A?)
%1 CONTROLLER REFERENCED BY %2 BULK DATA ENTRY WITH ID %3 DOES NOT EXIST.
USER INFORMATION: AN AESTAT, AESURF OR AEPARM BULK DATA ENTRY DEFINES CONTROLLER.

7701.8 *** USER WARNING MESSAGE 7701 (A?)
NONE OF THE CONTROLLERS REFERENCED BY %1 BULK DATA ENTRY WITH ID %2 EXIST.
USER INFORMATION: AN AESTAT, AESURF OR AEPARM BULK DATA ENTRY DEFINES CONTROLLER.

7702.0 *** USER FATAL MESSAGE 7702 (A?)
COMPONENT ID: %1, OF MESH TYPE %2, IS NOT UNIQUE ACROSS ALL AECOMP AND AECOMPL BULK DATA ENTRIES.

7702.1 *** USER FATAL MESSAGE 7702 (A?)
CONTROL SURFACE ID: %1, IS NOT UNIQUE ACROSS ALL AESURFS BULK DATA ENTRIES.

7702.2 *** USER FATAL MESSAGE 7702 (A?)
MONITOR POINT ID: %1, IS NOT UNIQUE ACROSS ALL MONITOR POINT TABLES.

7702.3 *** USER FATAL MESSAGE 7702 (A?)
COMPONENT ID: %1, IS NOT UNIQUE ACROSS ALL AECOMPL BULK DATA ENTRIES.

7702.4 *** USER FATAL MESSAGE 7702 (A?)
SET ID: %1, IS NOT UNIQUE ACROSS ALL SET1 AND SET2 BULK DATA ENTRIES.

7703.0 *** USER FATAL MESSAGE 7703 (A?)
BULK DATA ENTRY: AECOMPL %2, REFERENCES ITSELF DIRECTLY OR INDIRECTLY WITH RESPECT TO REFERENCE LEVEL: %1

7704.0 *** USER FATAL MESSAGE 7704 (A?)
BULK DATA ENTRY: AESURFS %1, DOES NOT MATCH BULK DATA

ENTRY: AESURF %1, IN THE NUMBER OF CONTROL SURFACES.

7705.0 *** USER FATAL MESSAGE 7705 (IFPLM)
FOR LAGRANGE RIGID ELEMENT %1, ALL DEPENDENT DOF MUST BE DEFINED AT ONE GRID POINT

7705.1 *** USER FATAL MESSAGE 7705 (IFPLM)
INSUFFICENT MEMORY FOR LAGRANGE RIGID SETUP

7705.2 *** USER FATAL MESSAGE 7705 (IFPLM)
FOR LAGRANGE RIGID ELEMENT %1, GRID %2 IS DEFINED AS BOTH INDEPENDENT AND DEPENDENT

7706.0 *** USER FATAL MESSAGE 7706 (BDYINF)
ONLY 1 SUBCASE (WITH OR WITHOUT A STATIC SUBCASE) IS ALLOWED WHEN CREATING
AN EXTERNAL SUPERELEMENT.

7758.0 *** USER FATAL MESSAGE 7758 (MATMOD)
FOR MATMOD OPTION 35, THE REQUESTED SORTING OPTION %1 IS NOT VALID FOR THE INPUT %2 MATRIX DATA TYPE.
USER INFORMATION: THE 4TH DMAP PARAMETER SPECIFIES THE SORTING OPTION. IT CAN BE ONE OF THE FOLLOWING:
P4 = -2 : DESCENDING ABSOLUTE VALUE SORT
P4 = -1 : DESCENDING ALGEBRAIC VALUE SORT (NOT APPLICABLE TO COMPLEX MATRIX)
P4 = +1 : ASCENDING ALGEBRAIC VALUE SORT (NOT APPLICABLE TO COMPLEX MATRIX)
P4 = +2 : ASCENDING ABSOLUTE VALUE SORT
P4 = 0 : IMPLIES P4=+1 FOR REAL MATRIX AND P4=+2 FOR COMPLEX MATRIX.
USER ACTION: SPECIFY A VALID SORTING OPTION FOR THE MATRIX TYPE BEING SUPPLIED.

7795.0 *** SYSTEM FATAL MESSAGE 7795 (SEQFLU)
AUTOMATIC MODEL PARTITIONER WAS UNABLE TO PARTITION THE MODEL.
USER ACTION:
1. SELECT A DIFFERENT NUMBER OF PROCESSORS OR RUN THE JOB SERIALLY,
OR
2. IF DOMAINSOLVER GDMODES WAS SELECTED, THEN SWITCH TO DOMAINSOLVER ACMS OR FDMODES.

7796.0 *** SYSTEM FATAL MESSAGE 7796 (DFMAM)
THE MAXIMUM INTEGER VALUE IS ABOUT TO BE EXCEEDED.
USER INFORMATION: THE MAXIMUM INTEGER NUMBER ALLOWED ON YOUR MACHINE IS %1. HOWEVER, DFMAM NEEDS TO
DO THE OPERATION NFR*(NFR+1) WHERE NFR = %2.
USER ACTION: USE A DIFFERENT RE-ORDERING SCHEME VIA

SYSTEM(206), OR REDUCE THE SIZE OF YOUR MODEL.

7796.1 *** SYSTEM FATAL MESSAGE 7796 (DFMSA)
THE MAXIMUM INTEGER VALUE IS EXCEEDED.
USER INFORMATION: THE MAXIMUM INTEGER NUMBER ALLOWED ON YOUR MACHINE IS %1. HOWEVER, THE NUMBER OF REAL STACK ELEMENTS WAS COMPUTED TO BE %2.
USER ACTION: USE A DIFFERENT RE-ORDERING SCHEME VIA SYSTEM(206), OR REDUCE THE SIZE OF YOUR MODEL.

7796.2 *** SYSTEM FATAL MESSAGE 7796 (DFMSA)
THE MAXIMUM FRONT SIZE COMPUTED IN SYMBOLIC DECOMPOSITION IS TOO LARGE.
USER INFORMATION: THE MAXIMUM FRONT SIZE ALLOWED ON YOUR MACHINE IS %1. HOWEVER, THE ESTIMATED MAXIMUM FRONT SIZE WAS COMPUTED TO BE %2.
USER ACTION: USE A DIFFERENT RE-ORDERING SCHEME VIA SYSTEM(206), USE THE ILP64 VERSION OF NASTRAN, OR REDUCE THE SIZE OF YOUR MODEL.

7796.3 *** SYSTEM WARNING MESSAGE 7796 (DFMSA)
THE MAXIMUM FRONT SIZE COMPUTED IN SYMBOLIC DECOMPOSITION IS LARGE.
USER INFORMATION: THE MAXIMUM FRONT SIZE ALLOWED ON YOUR MACHINE IS %1. HOWEVER, THE ESTIMATED MAXIMUM FRONT SIZE WAS COMPUTED TO BE %2. POOR PERFORMANCE MAY RESULT,
OR THE DECOMPOSITION MAY FAIL IF DEFERRED PIVOTS ARE IDENTIFIED IN THE NUMERIC PHASE.
USER ACTION: USE A DIFFERENT RE-ORDERING SCHEME VIA SYSTEM(206), USE THE ILP64 VERSION OF NASTRAN, OR REDUCE THE SIZE OF YOUR MODEL.

7797.0 *** USER INFORMATION MESSAGE 7797 (TRLGCD/S)
THIS TRANSIENT RESPONSE ANALYSIS RESTART RUN IS A CONTINUATION FROM A PREVIOUS RUN,
WITH THE INTEGRATION STARTING FROM %1 SECONDS

7798.0 *** SYSTEM FATAL MESSAGE 7798 (DNPCH3)
UNEXPECTED SIZING ERROR OVER LIFE OF CODE.
USER ACTION: CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

8520.0 *** USER WARNING MESSAGE 8520 (GP1Ex)
LOADING FOR SELOAD LID0 %1, SEID %2, LIDSE %3 NOT FOUND.

8520.1 *** USER WARNING MESSAGE 8520 (GP1Ex)
LOADING FOR SELOAD LID0 %1, SEID %2, LIDSE %3 IS NULL.

8520.2 *** USER WARNING MESSAGE 8520 (GP1Ex)
REFERENCED DTI,SELOAD LIDSE %1 FOR SEID %2 REFERENCES A NON-EXISTENT COLUMN IN THE LOAD MATRIX.

8521.0 *** USER FATAL MESSAGE 8521 (GP3CE)
SURF LOAD SET %1 APPLIES A SURFACE EXCITATION ON PLANAR ELEMENT %2.
USER ACTION: SURF EXCITATIONS ONLY ACT ON SOLID ELEMENTS. MODIFY EXCITATION TYPE OR ELEMENT ID.

8522.0 *** USER FATAL MESSAGE 8522 (GP3CE)
EDGE LOAD SET %1 APPLIES AN EDGE EXCITATION ON SOLID ELEMENT %2.
USER ACTION: EDGE EXCITATIONS ONLY ACT ON PLANAR ELEMENTS. MODIFY EXCITATION TYPE OR ELEMENT ID.

8523.0 *** USER FATAL MESSAGE 8523 (GP3CE)
EDGE LOAD SET %1 WITH AN EDGE CONNECTING GRIDS %2 AND %3 IS INCORRECT FOR ELEMENT %4.
USER ACTION: CHECK DIAGONAL GRIDS ON FACE EXCITED.

8524.0 *** USER FATAL MESSAGE 8524 (GP3CE)
SURF LOAD SET = %1 WITH DIAGONAL CONNECTING GRIDS %2 AND %3 IS INCORRECT FOR ELEMENT %4.
USER ACTION: CHECK DIAGONAL GRIDS ON FACE EXCITED.

8525.0 *** USER FATAL MESSAGE 8525 (GP3CE)
IN SURF LOAD SET %1 PENTA ELEMENT %2 DOES NOT CONTAIN GRID %3
AS A CORNER NODE FOR EITHER TRIANGULAR FACE.
USER ACTION: CHECK CORNER GRIDS ON FACE EXCITED.

8526.0 *** USER FATAL MESSAGE 8526 (GP3CE)
IN SURF LOAD SET %1 TETRA ELEMENT %2 DOES NOT CONTAIN GRID %3
AS A CORNER NODE FOR ANY TRIANGULAR FACE.
USER ACTION: CHECK CORNER GRIDS ON FACE EXCITED.

8527.0 *** USER FATAL MESSAGE 8527 (GP3CE)
SURF LOAD SET %1 REFERENCES ELEMENT %2
WHICH WAS NOT FOUND AMONG THE ACCEPTABLE TETRA, HEXA, OR PENTA SOLID ELEMENTS IN THE PROBLEM.
USER ACTION: CHECK THAT SURF LOADS ARE ON SOLID ELEMENT FACES.

8539.0 *** USER FATAL MESSAGE 8539 (GP3CE)
EDGE LOAD SET %1 REFERENCES ELEMENT %2
WHICH WAS NOT FOUND AMONG THE ACCEPTABLE QUAD(X) OR TRIA(X) ELEMENTS IN THE PROBLEM.
USER ACTION: CHECK THAT EDGE LOADS ARE ON TWO-D ELEMENT EDGES.

8542.0 *** USER FATAL MESSAGE 8542 (PREMAT)
MATEMA ENTRY MAY NOT REFERENCE MATNL, I.E. ANISOTROPIC MATERIALS ARE NOT SUPPORTED IN NONLINEAR ANALYSIS.

USER ACTION: REPLACE MATEMA BY APPROPRIATE MATEM ENTRY.

8548.0 *** USER FATAL MESSAGE 8548 (GRDERR)
%1%2 CONNECTS TWO GRID POINTS HAVING THE SAME COORDINATES. THE GRID IDS ARE %3 AND %4.
USER ACTION: MODIFY THE GRIDS SO THEY ARE NOT COINCIDENT.

8590.0 *** USER/SYSTEM FATAL/WARNING/INFORMATION MESSAGE 8590 (EVLMSG)
SYSTEM(21) MUST EQUAL 10 FOR MSC.EMAS AND NOT 10 FOR NX NASTRAN.
USER ACTION: CORRECT THE SYSTEM(21) SELECTION ON THE %1 STATEMENT.

8591.0 *** USER FATAL MESSAGE 8591 (XCSA)
APP MAGN IS ONLY ALLOWED IN MSC.EMAS AND NOT ALLOWED IN NX NASTRAN.
USER ACTION: CORRECT THE APP STATEMENT SELECTION IN EXECUTIVE CONTROL.

8592.0 *** USER WARNING MESSAGE 8592, (REIG).
THE METHOD RECORD IN CASE CONTROL IS MISSING OR INCORRECT.
THIS WILL CAUSE THE FOLLOWING FATAL ERRORS.
USER ACTION: PUT A METHOD ENTRY IN CASE CONTROL WHICH POINTS TO AN EIGR, EIGRL, OR EIGB RECORD IN BULK DATA.

8593.0 *** USER FATAL MESSAGE 8593 (PREMAT)
RESIDUAL MAGNETIZATION HAS BEEN SPECIFIED FOR MATNL ENTRY %1.
USER INFORMATION: RESIDUAL MAGNETIZATION IS NOT CURRENTLY SUPPORTED ON THE MATNL ENTRY.

8594.0 *** USER FATAL MESSAGE 8594 (PREMAT)
ELECTROMAGNETIC MATERIAL ENTRY (MATEM %1) IS REFERENCED BY A MATS1 ENTRY.
USER INFORMATION: STRUCTURAL AND ELECTROMAGNETIC MATERIAL ENTRY IDS MUST BE UNIQUE IF THE MATERIAL IS NONLINEAR.

8595.0 *** USER FATAL MESSAGE 8595 (PREMAT)
STRUCTURAL MATERIAL ENTRY (MATI %1) IS REFERENCED BY A MATNL ENTRY.
USER INFORMATION: STRUCTURAL AND ELECTROMAGNETIC MATERIAL ENTRY IDS MUST BE UNIQUE IF THE MATERIAL IS NONLINEAR.

8596.0 *** USER WARNING MESSAGE 8596 (TA1A)
OPEN BOUNDARY ELEMENTS REFERENCE A PEM WHERE A PEMOB WAS EXPECTED. A PEMOB WITH OBID 1 WILL BE

ASSUMED.
USER ACTION: TO PREVENT THIS WARNING MESSAGE REPLACE THE PEM ENTRY WITH A PROPER PEMOB ENTRY FOR ALL OPEN BOUNDARY ELEMENTS.

8597.0 *** USER WARNING MESSAGE 8597 (PREMAT)
MATS1 ENTRY (%1) HAS A LIMIT1 VALUE WHICH IS INCONSISTENT WITH SECOND POINT OF THE TABLES1 ENTRY.
USER INFORMATION: THE SECOND POINT ON THE TABLES1 ENTRY FOR ELASTOPLASTIC MATERIAL SHOULD BE AT THE INITIAL YIELD POINT
SPECIFIED ON THE MATS1 ENTRY. SEE REMARK 3 UNDER MATS1 IN THE NX NASTRAN Quick Reference Guide.

8616.0 *** USER FATAL MESSAGE 8616 (GP3CE)
LOAD SET %1 APPLIES AN MSURF LOAD TO ELEMENTS %2 AND %3 ON A FACE THAT IS NOT COMMON TO BOTH.
USER ACTION: ENSURE THAT BOTH ELEMENTS HAVE A COMMON FACE.

8621.0 *** USER WARNING MESSAGE 8621 (MODGM2)
ELEMENT %1 REFERS TO A PEM PROPERTY ENTRY IN A NON-EMAS ANALYSIS.
SECURITY AUTHORIZATION IS INSUFFICIENT TO ALLOW ELECTROMAGNETIC PROPERTIES TO BE CONSIDERED FOR THIS ANALYSIS.
THE PEM ENTRY WILL BE IGNORED.
USER ACTION: SPECIFY ONLY APPROPRIATE PROPERTY ENTRIES. IF A COUPLED SOLUTION IS DESIRED CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT TO OBTAIN
A VALID AUTHORIZATION CODE.

8622.0 *** USER WARNING MESSAGE 8622 (MODGM2)
SOLID ELEMENT %1 REFERS TO A NON-STRUCTURAL PSOLID PROPERTY ENTRY IN AN EMAS ANALYSIS.
THE PSOLID ENTRY WILL BE IGNORED.
USER ACTION: SPECIFY ONLY APPROPRIATE PROPERTY ENTRIES.

8623.0 *** USER WARNING MESSAGE 8623 (MODGM2)
ELEMENT %1 REFERS TO A STRUCTURAL OR THERMAL PROPERTY ENTRY IN AN EMAS ANALYSIS.
SECURITY AUTHORIZATION IS INSUFFICIENT TO ALLOW STRUCTURAL OR THERMAL PROPERTIES TO BE CONSIDERED FOR THIS ANALYSIS.
THE STRUCTURAL OR THERMAL PROPERTY ENTRY WILL BE IGNORED.
USER ACTION: SPECIFY ONLY APPROPRIATE PROPERTY ENTRIES. IF A COUPLED SOLUTION IS DESIRED CONTACT SIEMENS PLM SOFTWARE CUSTOMER SUPPORT TO OBTAIN A
VALID AUTHORIZATION CODE.

8692.0 *** USER FATAL MESSAGE 8692 (ULANCZ):
MORE THAN ONE CONTINUATION CARD WAS SPECIFIED.

8693.0 *** USER INFORMATION MESSAGE 8693 (ULANCZ):
DURING REAL UNSYMMETRIC EIGENVALUE EXTRACTION, %1
ROOTS WERE FOUND BELOW THE LOWER BOUND
OF %2 OF THE RANGE SPECIFIED.
USER ACTION: CHECK EIGUL CARD OR PARAMETER RMIN.

8694.0 *** USER INFORMATION MESSAGE 8694 (ULANCZ):
DURING REAL UNSYMMETRIC EIGENVALUE EXTRACTION,
FEWER ROOTS THAN REQUIRED HAVE BEEN FOUND AFTER %1
SHIFTS.

8695.0 *** USER INFORMATION MESSAGE 8695 (ULANCZ):
DURING REAL UNSYMMETRIC EIGENVALUE EXTRACTION, %1
ROOTS WERE FOUND ABOVE THE UPPER BOUND
OF %2 OF THE RANGE SPECIFIED.
USER ACTION: CHECK EIGUL CARD OR PARAMETER RMAX.

8696.0 *** USER INFORMATION MESSAGE 8696 (ULANCZ):
DURING REAL UNSYMMETRIC LANCZOS EIGENVALUE
EXTRACTION %1 COMPLEX EIGENVALUES WERE FOUND.

8766.0 *** USER WARNING MESSAGE 8766 (ULANCZ):
DURING REAL UNSYMMETRIC EIGENVALUE EXTRACTION, SHIFT
%1 OF %2 WAS SKIPPED,
BECAUSE IT WAS CLOSELY BOUNDED BY TWO ROOTS.

8767.0 *** USER WARNING MESSAGE 8767 (ULANCZ):
DURING REAL UNSYMMETRIC EIGENVALUE EXTRACTION, SHIFT
%1 OF %2 WAS DETERMINED TO BE VERY
CLOSE TO A ROOT DURING SHIFT %3 OF %4.

8768.0 *** USER WARNING MESSAGE 8768 (ULANDD):
DURING REAL UNSYMMETRIC EIGENVALUE EXTRACTION, SHIFT
%1 OF %2 WAS WAS SKIPPED,
BECAUSE IT WAS TOO CLOSE TO %3 OUT OF %4 ROOTS AT THIS
SHIFT POINT.

8770.0 *** SYSTEM FATAL MESSAGE 8770 (ULANVD):
DURING REAL UNSYMMETRIC LANCZOS EIGENVECTOR
EXTRACTION, A NULL VECTOR WAS GENERATED.
ERROR IN VECTOR EXTRACTION, EIGENPAIR # %1

8999.0 *** SYSTEM FATAL MESSAGE 8999 (DMLOCW):
BASE ARRAY IS NOT AT OPEN CORE IZ(1).
OPEN CORE IZ(1) IS AT %1
BASE ARRAY IS AT %2

9000.0 NPROC REDUCED TO %1

9001 USER WARNING MESSAGE 9001 #
GENERALIZED
DYNAMIC REDUCTION HAS BEEN REQUESTED IN THE PRESENCE

OF SUPPORTED (SEE SUPORT ENTRY) DEGREES OF FREEDOM. IN SOME CASES SOME FLEXIBLE MODES MAY BE DISCARDED OR THOSE IN HIGH FREQUENCY CLUSTERS MAY BE SKIPPED. #
#

9002 **From IFPS**
USER FATAL MESSAGE 9002 #
#

9002 **From IFP**
USER FATAL MESSAGE 9002 #
ERROR ENCOUNTERED IN MODULE *{MODNAME}*. SEE MESSAGES ABOVE IN THE *{BADOUT}* ECHO.
#

9003 **From NLTRAN**
USER INFORMATION MESSAGE 9003 #
CURRENT VALUE OF STIME IS *{RSTIME}*#
#

9003 **From NONLIN**
USER INFORMATION MESSAGE 9003 #
CURRENT TIME STEP = *{RSTIME}*#
#

9004 USER INFORMATION MESSAGE 9004 #
FOR THIS ITERATION, THE DIFFERENTIAL STIFFNESS WILL BE IGNORED TO AVOID DECOMPOSITION OF A NON-POSITIVE DEFINITE STIFFNESS MATRIX.
#

9005 **From NLTRAN**
USER INFORMATION MESSAGE 9005 #
THE SOLUTION FOR LOOPID=*{LOOPID}* IS SAVED FOR RESTART.
#

9005 **From NLSTATIC**
USER INFORMATION MESSAGE 9005 #
THE SOLUTION FOR LOOPID=*{SOLCUR}* IS SAVED FOR RESTART
#

9006 USER FATAL MESSAGE 9006 #
GRID POINT *{GRDPNT}* ON PARAM,GRDPNT IS NOT KNOWN TO THE CURRENT SUPERELEMENT. THIS IS NOT ALLOWED IN INERTIA RELIEF.
#

9007 USER FATAL MESSAGE 9007 #
IMAGE SUPERELEMENTS MAY NOT HAVE ANY INTERIOR MASS OR STATIC LOADS IN INERTIA RELIEF ANALYSIS.
#

9008 USER FATAL MESSAGE 9008 #
A SUPORT BULK DATA ENTRY IS PRESENT. THIS IS NOT ALLOWED IN NONLINEAR ANALYSIS.
#

9009 USER SEVERITY MESSAGE 9009 #
#

9010 USER INFORMATION MESSAGE 9010 #
LAST ADJUSTED DELTA T: OLDDT=*{OLDDT}*#
#

9011 USER FATAL MESSAGE 9011 #
DYNAMIC, BUCKLING, ANDOR STATIC AERO OPTIMIZATION IS BEING REQUESTED WITH P-ELEMENTS.
USER INFORMATION: ONLY STATIC

ANDOR NORMAL MODES OPTIMIZATION MAY BE REQUESTED WITH P-ELEMENTS. HOWEVER, P-ELEMENTS CAN BE USED IN ALL ANALYSIS TYPES WITHOUT OPTIMIZATION. (ANALYSIS ONLY) #
# #
#

9012 USER INFORMATION MESSAGE 9012 #
THE DISPLACEMENTS IN DOWNSTREAM SUPERELEMENT *{SEDWN}* DO NOT EXIST.
#

9013 USER WARNING MESSAGE 9013 #
NO SEQSETI BULK DATA ENTRIES HAVE BEEN SPECIFIED FOR THIS SUPERELEMENT EVEN THOUGH A METHOD COMMAND APPEARS IN ITS SUBCASE. THE METHOD COMMAND IS IGNORED AND ONLY A STATIC CONDENSATION OF THE MASS IS CONSIDERED.
#

9014 USER FATAL MESSAGE 9014 #
DUPLICATE ELEMENT IDS HAVE BEEN DETECTED. THIS IS NOT ALLOWED IN DESIGN SENSITIVITY ANALYSIS.
USER ACTION: RENUMBER DUPLICATE ELEMENT IDS.
#

9015 USER FATAL MESSAGE 9015 #
THE USET TABLE IS NOT PRESENT.
#

9016 USER WARNING MESSAGE 9016 #
THE METHOD CARD GIVEN BY THE USER FOR SYSTEM MODECOMPUTATION WILL BE USED FOR REDUCTION. THIS MAY RESULT IN INCORRECT REDUCTION, FOR EXAMPLEIN THE APPEARANCE OF SPURIOUS RIGID BODY MODES.
#

9017 USER WARNING MESSAGE 9017 #
GENERALIZED DYNAMIC AND/OR COMPONENT MODE REDUCTION HAS BEEN REQUESTED IN THE PRESENCE OF SUPPORTED (SEE SUPTYP ENTRY) DEGREES OF FREEDOM. IN SOME CASES SOME FLEXIBLE MODES MAY BE DISCARDED OR THOSE IN HIGH FREQUENCY CLUSTERS MAY BE SKIPPED.
#

9018 SYSTEM INFORMATION MESSAGE 9018 #
THE FOLLOWING DATA BLOCKS HAVE BEEN DELETED FROM THE DATA BASE
#

9019 SYSTEM WARNING MESSAGE 9019 #
DBMGR *{OPT}{P4}* IS NOT SUPPORTED. OPERATION IS IGNORED.
#

9020 SYSTEM INFORMATION MESSAGE 9020 #
PROCESSING PROJECT *{PROJECT}* VERSION *{VERSION}*#
#

9021 SYSTEM INFORMATION MESSAGE 9021 - THE FOLLOWING DATA BLOCKS HAVE BEEN DELETED FROM THE DATA BASE #
#*{ZNAME}{QUL1}*QUL2 #
#

9022 USER FATAL MESSAGE 9022 #
FREQUENCY DEPENDENT ELEMENTS ARE DETECTED IN SUPERELEMENT *{SEID}*#
USER ACTION: REASSIGN ALL GRIDS CONNECTED TO FREQUENCY DEPENDENT ELEMENTS TO THE

RESIDUAL STRUCTURE #
#

9023 USER INFORMATION MESSAGE 9023 #
MAXIMUM LOAD EPSILON FROM RITZ SOLUTION IS *{MAXEPS}*#
#

9024 USER INFORMATION MESSAGE 9024 #
STIFFNESS, MASS, DAMPING, AND LOAD GENERATION INITIATED. DESIGN CYCLE NUMBER=*{DESCYCLE}*#
#

9025 USER FATAL MESSAGE 9025 #
ERROR ENCOUNTERED IN THE CASE CONTROL SECTION
#

9026 USER WARNING MESSAGE 9026 #
NO CASE CONTROL WAS FOUND AND THE QUALIFIERS CANNOT BE SET PROPERLY. THIS PROJECT AND VERSION WILL BE SKIPPED.
#

9027 SYSTEM WARNING MESSAGE 9027 #
THE BULK DATA WAS NOT FOUND. THIS PROJECT AND VERSION WILL BE SKIPPED.
#

9028 USER WARNING MESSAGE 9028 #
NO NONLINEAR ELEMENTS HAVE BEEN SPECIFIED.
#

9030 USER INFORMATION MESSAGE 9030 - RUN TERMINATED DUE TO OPTEXIT=8 #
#

9031 USER FATAL MESSAGE 9031 #
NOGO ENCOUNTERED IN SUBDMAP *{SUBDMAP}*#
#

9032 USER FATAL MESSAGE 9032 #
RUN IS TERMINATED DUE TO MESSAGE(S) ABOVE. TO CONTINUE PROCESSING ALL SUPERELEMENTS, INSERT PARAM,ERROR,0 INTO BULK DATA.
#

9033 USER FATAL MESSAGE 9033 #
PHASE 1 IS TERMINATED DUE TO MESSAGE(S) ABOVE FOR THIS SUPERELEMENT ONLY. PROCESSING WILL CONTINUE FOR THE REMAINING REQUESTED SUPERELEMENTS AND THEN TERMINATE IN PHASE 2.
#

9034 USER INFORMATION MESSAGE 9034 - TIMETEST PARAM=*{PARAM}*#
#

9035 USER INFORMATION MESSAGE 9035 #
NO STATIC SHAPES WERE FOUND TO AUGMENT MODE SHAPES
#

9036 USER INFORMATION MESSAGE 9036 #
NO STATIC SHAPES WERE AVAILABLE AFTER FILTERING
#

9037 USER INFORMATION MESSAGE 9037 #
CHECKING RESIDUAL VECTORS FOR LINEAR INDEPENDENCE.
#

9038 USER INFORMATION MESSAGE 9038 #
FOR STATIC AERO ITERATIVE SOLUTION,*{II}* ITERATIONS USED FOR MATRIX *{PNAME}* MAXIMUM LOAD EPSILON IS *{MAXEPS}*#
#

9039 USER FATAL MESSAGE 9039 #
NO COMPLEX

EIGENVALUES FOUND IN RESIDUAL STRUCTURE. #
#

9040 USER INFORMATION MESSAGE 9040 #
CRITICAL BUCKLING FACTOR (ALPHA)=*{ALPHA}*#
#

9041 USER FATAL MESSAGE 9041 #
THERE ARE CHANGES IN LOADSET.
USER ACTION: SPECIFY LOADSET ABOVE ALL SUBCASES.
#

9042 USER WARNING MESSAGE 9042 #
PARAMETERS RESDUAL AND SDATA ARE IGNORED IN SOLUTION SEQUENCES WITH AUTOMATIC RESTART.
#

9043 USER WARNING MESSAGE 9043 #
AS REQUESTED BY PARAM,SERST,*{SERST}* THIS RUN DID NOT COMPLETE PHASE 0 AND SHOULD BE VERIFIED FOR CORRECT RESULTS.
#

9044 USER INFORMATION MESSAGE 9044 #
BULK DATA AND CASE CONTROL PARTITIONING, RESTART CHECKING, AND UNDEFORMED PLOTTING IS
INITIATED FOR SUPERELEMENT *{SEID}*#
#

9045 USER INFORMATION MESSAGE 9045 #
PHASE 1 - SUPERELEMENT GENERATION, ASSEMBLY AND REDUCTION.
#

9046 USER INFORMATION MESSAGE 9046 - THE FRACTION OF TOTAL STRAIN ENERGY IN EACH OF THE RESIDUAL STRUCTURE MODES IN NON-TIP SUPERELEMENT *{SEID}*#
#

9047 USER INFORMATION MESSAGE 9047 - SCALED RESPONSE SPECTRA FOR RESIDUAL STRUCTURE ONLY #
#

9048 USER INFORMATION MESSAGE 9048 #
LINEAR ELEMENTS ARE CONNECTED TO THE ANALYSIS SET (A-SET).
#

9049 USER INFORMATION MESSAGE 9049 #
SUPERELEMENT DIFFERENTIAL STIFFNESS GENERATION, ASSEMBLY, AND REDUCTION.
#

9050 USER FATAL MESSAGE 9050 #
RUN TERMINATED DUE TO EXCESSIVE PIVOT RATIOS IN MATRIX KLL.
USER ACTION: CHANGE USER PARAMETERS MAXRATIO AND/OR BAILOUT.
#

9051 USER INFORMATION MESSAGE 9051 #
STATIC ANALYSIS INITIATED. DESIGN CYCLE NUMBER=*{DESCYCLE}*#
#

9052 USER INFORMATION MESSAGE 9052 #
STATIC ANALYSIS COMPLETED. DESIGN CYCLE NUMBER=*{DESCYCLE}*#
#

9053 USER INFORMATION MESSAGE 9053 #
FLUID MODAL PARTICIPATION IS REQUESTED FOR *{FLUIDMP}* FLUID MODES.

#
#

9054 USER INFORMATION MESSAGE 9054 #
FLUID MODAL PARTICIPATION FACTORS SHOWN BELOW IN MATRIX FLMODPF FOR FREQUENCY=*{OFREQ}* AND DLOAD ID=*{DLOADID}*#
#

9055 USER INFORMATION MESSAGE 9055 #
THE FL.STR. INTERFACE CHECK IS FORCES AND MOMENTS RESULTING FROM A UNIT INCREASE IN PRESSURE, OR CHANGES IN THE FLUID PRESSURE RESULTING FROM RIGID BODY MOTIONS OF THE STRUCTURE. THESE VALUES ARE DIRECTLY PROPORTIONAL TO THE OPEN SURFACE OF THE FLUID.
#

9056 USER FATAL MESSAGE 9056 #
NO METHOD COMMAND WAS SPECIFIED IN THE CASE CONTROL SECTION.
THIS ERROR MIGHT ALSO BE CAUSED BY NO RESIDUAL SUBCASE SPECIFIED IN A SUPERELEMENT MODEL.
#

9057 USER INFORMATION MESSAGE 9057 #
LINEAR STATIC ANALYSIS WILL BE PERFORMED WITH TEMPERATURES COMPUTED ABOVE.
#

9058 **From FEA**
USER FATAL MESSAGE 9058 #
THE SOLUTION FOR THE RESIDUAL STRUCTURE AND THE CURRENT SUBCASE DOES NOT EXIST.
#

9058 **From SESTATIC**
USER FATAL MESSAGE 9058 #
SUPPORT FOR LINEAR STATIC ANALYSIS IN THE CONTEXT OF A MULTI-PHYSICS ANALYSIS REQUIRES THAT THE ELEMENT ITERATIVE SOLVER BE ACTIVATED#
#

9059 **From TIMLOD**
SYSTEM INFORMATION MESSAGE 9059 #
LOADING MACHINE *{MACHINE}* CONFIG *{CONFIG}* OPERASYS *{OPERASYS}* OPERALEV *{OPERALEV}* SUBMODEL *{SUBMODEL}*#
#

9059 **From TIMSTOR**
SYSTEM INFORMATION MESSAGE 9059 - LOADING MACHINE *{MACHINE}* CONFIG *{CONFIG}* OPERASYS *{OPERASYS}* OPERALEV *{OPERALEV}* SUBMODEL *{SUBMODEL}*#
#

9060 SYSTEM INFORMATION MESSAGE 9060 #
DATABLOCK *{ZNAME}{ZUZR1}{ZUZR2}* OPER
#

9061 SYSTEM FATAL MESSAGE 9061 #
THE VERSION REQUESTED ON THE RESTART FMS STATEMENT IS NOT VALID FOR RESTART PURPOSES. SUBSEQUENT RESTARTS SHOULD REFERENCE A PRIOR VALID VERSION.
#

9062 USER WARNING MESSAGE 9062 #
LOAD REDUCTION IS INCOMPLETE WHEN FIXEDB=-2. THEREFORE, LOAD MATRICES

POS, PSS, AND PA ARE DELETED. #
#

9063 USER INFORMATION MESSAGE 9063 #
FLUIDSTRUCTURE COUPLING IS IGNORED IN THIS SOLUTION SEQUENCE.
#

9064 USER FATAL MESSAGE 9064 #
P-VERSION ELEMENT ENTRIES ARE PRESENT AND ARE NOT ALLOWED IN THIS SOLUTION SEQUENCE. USER ACTION: REMOVE ALL P-VERSION ELEMENT ENTRIES OR USE SOLS 101, 103, 107 THROUGH 112, AND 200.
#

9065 USER WARNING MESSAGE 9065 #
FOR STATIC AERO ITERATIVE SOLUTION, MAXIMUM ERROR EXCEEDS 1.E-3.
#

9066 USER FATAL MESSAGE 9066 #
EITHER GEOMETRIC OR AUXILIARY MODELS MAY BE USED,BUT NOT BOTH IN THE SAME RUN.
#

9067 USER FATAL MESSAGE 9067 #
#

9068 USER FATAL MESSAGE 9068 #
NO DRESPI ENTRIES EXIST FOR DESOBJ ID=*{TEMP}*#
#

9069 USER FATAL MESSAGE 9069 #
RUN TERMINATED DUE TO BAD GEOMETRY RESULTING FROM SHAPE OPTIMIZATION. IT MAY BE NECESSARY TO REMESH THE MODEL AND/OR RESCALE THE SHAPE BASIS VECTORS. BADMESH=TRUE
#

9070 USER WARNING MESSAGE 9070 #
AESMETH = *{AESMETH}* IS NOT SUPPORTED. AESMETH = AUTO WILL BE USED INSTEAD.
#

9071 SYSTEM INFORMATION MESSAGE 9071 #
THE TSTEPNL ENTRY METHOD IS BEING CHANGED TO ADAPT DUE TO CONTACT ANALYSIS.
#

9072 USER FATAL MESSAGE 9072 #
MULTIPLE BOUNDARY CONDITIONS ARE NOT ALLOWED FOR SUPERELEMENTS.
#

9073 USER FATAL MESSAGE 9073 #
MULTIPLE BOUNDARY CONDITIONS IN NORMAL MODES ANALYSIS REQUIRES THE BC=N COMMAND IN EACH RESIDUAL STRUCTURE SUBCASE.
#

9074 USER FATAL MESSAGE 9074 #
MULTIPLE BOUNDARY CONDITIONS ARE SPECIFIED FOR ANALYSIS=*{ANALYSIS}* WHICH ARE NOT ALLOWED.
#

9075 USER FATAL MESSAGE 9075 #
SUPERELEMENTS ARE DETECTED IN HEAT TRANSFER ANALYSIS.
USER ACTION: REMOVE ALL SUPERELEMENT DEFINITIONS(E.G., SESET ENTRIES AND FIELD 9 OF GRID ENTRIES.)
#

9076 USER INFORMATION MESSAGE 9076 #
THERE ARE NO RETAINED RESPONSES. THEREFORE, THE DESIGN SENSITIVITY COEFFICIENT MATRIX CANNOT PRINTED OR EXPORTED.
#

9077 USER INFORMATION MESSAGE 9077 #
CONSTRAINED DISPLACEMENT ITERATIONS
#

9078 SYSTEM FATAL MESSAGE 9078 #
RUN IS TERMINATED BECAUSE AN ERROR OCCURRED IN THE ITERATIVE SOLVER WITHIN NLITER MODULE. CHECK MESSAGES ABOVE.
#

9079 USER FATAL MESSAGE 9079 #
#

9080 USER FATAL MESSAGE 9080 #
THE RESTART FMS STATEMENT IS NOT ALLOWED IN SOLUTION SEQUENCES 1 THROUGH 3 AND 5 THROUGH 16.
#

9081 USER FATAL MESSAGE 9081 #
FLUIDSTRUCTURE COUPLING IS NOT ALLOWED WITH P-ELEMENTS.
#

9082 USER FATAL MESSAGE 9082 #
PARAM,NMLOOP MAY NOT BE SPECIFIED IN BUCKLING, CYCLIC, OR OPTIMIZATION ANALYSIS.
#

9083 USER FATAL MESSAGE 9083 #
PARAM,NMLOOP SPECIFIES AN INVALID LOOPID.
A LIST OF VALID LOOPIDS SHOULD APPEAR ABOVE. HOWEVER, IF NONE APPEAR ABOVE THEN CHECK THE NONLINEAR ITERATION OUTPUT, THE DATABASE CONTENTS ANDOR CORRECT DATABASE ATTACHMENT.
#

9084 USER WARNING MESSAGE 9084 #
SUBSETS OF THE F-SET ARE IGNORED WITH THE SUPERMODULE I.E., ALL A-SET C-SET, ETC., OMITI BULK DATA ENTRIES IGNORED.
#

9085 USER WARNING MESSAGE 9085 #
SUPORTI ENTRIES ARE PRESENT BUT INERTIA RELIEF CANNOT BE PERFORMED WITH PARAM, SM, YES. THE SUPORT ENTRIES WILL BE PROCESSED SIMILARLY TO SINGLE POINT CONSTRAINTS.
#

9086 USER FATAL MESSAGE 9086 #
#

9087 USER INFORMATION MESSAGE 9087 #
#

9088 USER WARNING MESSAGE 9088 #
SUPORTI ENTRIES ARE PRESENT BUT NO MASS IS DEFINED. THEREFORE THE INERTIA RELIEF LOADS WILL NOT BE COMPUTED AND THE SOLUTION WILL ONLY REFLECT THE APPLIED LOADS.
#

9089 USER WARNING MESSAGE 9089 #
PARAM,NEWSEQ IS IGNORED BECAUSE RESEQUENCING IS NO LONGER RECOMMENDED EXCEPT FOR SOLUTIONS WITH THE

DISTRIBUTED DOMAIN DECOMPOSITION METHOD. #
NEWSEQ HAS BEEN RENAMED OLDSEQ AND ITS DEFAULT IS -1 EXCEPT FOR THE DISTRIBUTED DOMAIN DECOMPOSITION METHOD (SOL 101 SUBMITTED WITH DMP=N; WHERE THE DEFAULT IS 9--AUTOMATIC MODEL PARTITIONER). IF STILL DESIRED AND THE SUPERMODULE IS NOT REQUESTED (PARAM,SM,YES), THEN PLEASE RESPECIFY AS PARAM,OLDSEQ.
#

9090 USER FATAL MESSAGE 9090 #
A DYNRED ENTRY IS SELECTED AND QSETI ENTRIES ARE PRESENT BUT GENERALIZED DYNAMIC REDUCTION CANNOT BE PERFORMED WITH PARAM, SM, YES.
USER ACTION: REMOVE THE QSETI ENTRIES.
#

9091 USER FATAL MESSAGE 9091 #
THE CASE CONTROL SECTION, ONE OR MORE OF THE PARTITIONED BULK DATA SECTIONS, OR THE MAIN BULK DATA SECTION, HAVE INPUT ERRORS. SEE MESSAGES ABOVE.
#

9092 USER FATAL MESSAGE 9092 #
THERE IS ALREADY A BULK DATA SECTION SPECIFIED
#

9093 USER FATAL MESSAGE 9093 #
ERROR(S) ENCOUNTERED DURING SORTING THE BULK DATA SECTION
#

9094 USER FATAL MESSAGE 9094 #
PARAM,SM,YES, NASTRAN ITER=YES, AND NASTRAN SYSTEM(231)>0 ARE SPECIFIED AND THIS IS NOT SUPPORTED.
USER ACTION: CHANGE SM TO NO OR ITER TO NO OR SYSTEM(231) TO 0
#

9095 USER WARNING MESSAGE 9095 #
A DUPLICATE SHUT VECTOR HAS BEEN FOUND, USE RANDOM VECTOR
#

9096 USER FATAL MESSAGE 9096 #
CONSTRAINED DISPLACEMENT ITERATIONS FAILED, ITERATION LIMIT LOAD CASE *={LCASE}*#
#

9097 USER INFORMATION MESSAGE 9097 #
CONSTRAINED DISPLACEMENT ITERATIONS CONVERGED LOAD CASE *={LCASE}*#
#

9098 **From EXTDRIN**
SYSTEM WARNING MESSAGE 9098 #
NO EXTERNAL DATABASE OR INPUTT2 FILES WHICH CONTAIN SUPERELEMENT MATRICES ARE FOUND. POSSIBLE SOURCES ARE:
1. DBLOCATE DATABLK=(EXTDB)
2. DBLOCATE DATABLK=(EXTDB) OF DMIG MATRICES
3. ASSIGN INPUTT2 ON UNIT=*{EXTDRUNT}* OF DMIG MATRICES
#

9098 **From EXTIN**

SYSTEM WARNING MESSAGE 9098 #
NO EXTERNAL DATABASE OR INPUTT2 FILES WHICH CONTAIN SUPERELEMENT MATRICES ARE FOUND. POSSIBLE SOURCES ARE:
1. DBLOCATE DATABLK=(EXTDB)
2. DBLOCATE DATABLK=(EXTDB) OF DMIG MATRICES
3. ASSIGN INPUTT2 WITH UNIT=*{INUNIT}* OF DMIG MATRICES
#

9099 USER FATAL MESSAGE 9099 #
NO FORCES ARE SPLINED TO THE STRUCTURE.
USER INFORMATION: AT LEAST ONE SPLINE MUST BE USAGE=FORCE OR USAGE=BOTH IN MODEL *{AECONFIG}*.
#

9100 USER FATAL MESSAGE 9100 #
FLUID SUPERELEMENT IS NOT A TIP SUPERELEMENT
#

9101 USER FATAL MESSAGE 9101 #
FLUID ELEMENTS ARE DETECTED IN THIS SUPERELEMENT.
USER ACTION: ENSURE THAT ALL FLUID ELEMENTS ARE ASSIGNED TO SUPERELEMENT *{FLUIDSE}*#
#

9102 USER FATAL MESSAGE 9102 #
THERE IS COUPLING BETWEEN THE SPLINES AND THE OMITTED DOFS (O-SET).
#

9103 USER WARNING MESSAGE 9103 #
PARAM,NMLOOP REQUESTS A RESTART FROM A NONLINEAR SOLUTION SEQUENCE AND WILL PRODUCE INCREMENTAL DISPLACEMENTS, FORCES, AND STRESSES RELATIVE TO THE NONLINEAR SOLUTION AT THE LOOP ID SPECIFIED FOR NMLOOP. ALSO, IN THE CASE OF ELEMENTS WITH NONLINEAR MATERIAL PROPERTIES, THE ELEMENT STRESS AND FORCE DATA RECOVERY WILL BE BASED ON THE MATERIAL PROPERTIES SPECIFIED ON THE MAT1 BULK DATA ENTRY AND NOT MATS1.
#

9104 USER FATAL MESSAGE 9104 #
THERE IS NO COUPLING BETWEEN INTERIOR POINTS OF THIS SUPERELEMENT AND ITS BOUNDARY POINTS.
USER ACTION: ADD SOME ELEMENTS CONNECTING THE INTERIOR AND BOUNDARY POINTS.
#

9105 USER FATAL MESSAGE 9105 #
A SUPORTI BULK DATA ENTRY IS NOT PRESENT FOR INERTIA RELIEF ANALYSIS (PARAM,INREL,-1).
USER ACTION: REMOVE PARAM,INREL,-1 OR SPECIFY A SUPORTI BULK DATA ENTRY.
#

9106 USER FATAL MESSAGE 9106 #
THE EXTERNAL (DBLOCATED) BASIS VECTOR MODEL IS INCOMPATIBLE. IT HAS *{LUSETD}* DEGREES-OF-FREEDOM AND IT SHOULD HAVE *{LUSET}* DEGREES-OF-FREEDOM.
#

9107 USER FATAL MESSAGE 9107 #
THE FOLLOWING POINTS, EITHER INTERIOR OR EXTERIOR TO THE FLUID SUPERELEMENT, ARE NOT DEFINED AS FLUID GRID POINTS; I.E., GRID ENTRIES WITH CD=-1.
#

9108 USER INFORMATION MESSAGE 9108 #
THE SOLUTION FOR THE LAST CONVERGED LOOPID=*{SOLCUR}* IS SAVED FOR RESTART
#

9109 USER WARNING MESSAGE 9109 #
USETSEL IS GREATER THAN ZERO WHICH IS OBSOLETE. USETSEL WILL BE RESET TO -1 TO PRINT ALL SETS.
USER ACTION: SPECIFY PARAM,USETSEL,0 AND SET NAMES ON PARAM,USETSTR1 THRU USETSTR4.
#

9110 USER FATAL MESSAGE 9110 #
YOU HAVE REQUESTED GLOBAL RESPONSE SENSITIVITY ANALYSIS OR DESIGN OPTIMIZATION. HOWEVER, ONLY THE GLOBAL RESPONSE EVALUATION IS SUPPORTED.
USER ACTION: REMOVE DSAPRT OR SET OPTEXIT<=3.#
#

9111 USER FATAL MESSAGE 9111 #
COMPONENT (SUPERELEMENT) MODAL DAMPING IS REQUESTED BUT MASS NORMALIZATION OF THE EIGENVECTORS IS NOT REQUESTED.
USER ACTION: SPECIFY MASS IN THE NORM FIELD OF THE EIGREIGRL ENTRY.
#

9112 USER FATAL MESSAGE 9112 #
COMPONENT (SUPERELEMENT) MODAL DAMPING IS REQUESTED WITH GENERALIZED DYNAMIC REDUCTION.
USER ACTION: REPLACE THE DYNRED CASE CONTROL REQUEST WITH A METHOD REQUEST.
#

9113 USER FATAL MESSAGE 9113 #
VIRTUAL MASS IS DETECTED IN CYCLIC SYMMETRY ANALYSIS.
USER ACTION: REMOVE THE MFLUID COMMAND AND ALL VIRTUAL MASS ENTRIES.
#

9114 USER FATAL MESSAGE 9114 #
INERTIA RELIEF (PARAM,INREL) IS NOT ALLOWED WITH CONSTRAINED DISPLACEMENT ITERATIONS (PARAM,CDITER).
#

9115 USER FATAL MESSAGE 9115 #
NO AERODYNAMIC MATRIX QKK EXISTS FOR CONFIGURATION *{AECONFIG}*#
USER INFORMATION: THE AERODYNAMIC MODEL IS NOT FROM A RECOGNIZED THEORY, SO IT MUST BE SUPPLIED.
#

9116 **From MSNLKR**
USER INFORMATION MESSAGE 9116 #
#

9116 **From SEMG**
USER INFORMATION MESSAGE 9116 #
THE FOLLOWER

FORCE STIFFNESS HAS BEEN SYMMETRIZED. #
#

9117 USER FATAL MESSAGE 9117 #
MASSLESS MECHANISMS MAY BE PRESENT IN THE MODEL BUT PARAM,MECHFIX,NO HAS BEEN SPECIFIED.
USER ACTION: USE THE DEFAULT VALUE FOR PARAM,MECHFIX TO AUTOMATICALLY CONSTRAIN MASSLESS MECHANISMS.
#

9118 USER INFORMATION MESSAGE 9118 #
IDENTIFICATION OF POSSIBLE MASSLESS MECHANISMS IS BEING PERFORMED.
IF ANY ARE FOUND THEN THEY WILL BE AUTOMATICALLY CONSTRAINED.
# #
#

9119 USER INFORMATION MESSAGE 9119 #
#NCOLSU MASSLESS MECHANISMS WERE DETECTED AND AUTOMATICALLY CONSTRAINED AND A SECOND EIGENSOLUTION WILL BE ATTEMPTED. #
#

9120 USER INFORMATION MESSAGE 9120 #
NO MASSLESS MECHANISMS WERE DETECTED.
#

9121 USER WARNING MESSAGE 9121 #
MASSLESS MECHANISMS ARE LOADED AND THE LARGEST GENERALIZED FORCE FACTOR IS *{MAXGENF}*#
LOADS NOT CONSTRAINED BY MODE SHAPES WILL BE BALANCED BY EQUIVALENT SINGLE POINT FORCES OF CONSTRAINT.
#

9122 USER FATAL MESSAGE 9122 #
NUMBER OF PROCESSORS IS GREATER THAN THE NUMBER OF TIP SUPERELEMENTS.
#

9123 USER FATAL MESSAGE 9123 #
NUMBER OF TIP SUPERELEMENTS IS NOT EVENLY DIVISIBLE BY NUMBER OF PROCESSORS.
#

9124 USER WARNING MESSAGE 9124 #
SUBCASE *{SCID}*: TIME POINTS FROM TSTEP1= *{TSTP1}* OUTSIDE THE DEFINITION OF DTEMP *{DTEMPSC}* .
# #
#

9125 USER FATAL MESSAGE 9125 #
THE ESE, EKE, OR EDE CASE CONTROL COMMANDS ARE SPECIFIED WITH THE DEFAULT VALUE OF ZERO FOR PARAM,DDRMM IN MODAL FREQEUNCY RESPONSE ANALYSIS.
USER ACTION: REMOVE THE ESE, EKE, AND EDE OR SPECIFY PARAM,DDRMM,-1. NOTE THAT PARAM,DDRMM,-1 MAY COST MORE IN CPU AND DISK SPACE RESOURCES.
# #
#

9126 USER WARNING MESSAGE 9126 #
THE FOLLOWING GRID POINTS ARE NOT SPECIFIED ON PLOTEL
ELEMENTS BUT HAVE BEEN REQUESTED FOR DATA RECOVERY.
USER INFORMATION: THESE GRID POINTS WILL BE

IGNORED IN #
DATA RECOVERY DURING THE ASSEMBLY RUN.
USER ACTION: DEFINE ADDITIONAL PLOTELS WHICH CONNECT
THESE GRID POINTS.
#

9129 USER FATAL MESSAGE 9129 #
#

9130 USER FATAL MESSAGE 9130 #
RUN IS TERMINATED DUE TO MESSAGE(S) ABOVE ON THE RESIDUAL STRUCTURE AND/OR THE SUPERELEMENT(S).
#

9131 USER WARNING MESSAGE 9131 #
NO COMPLEX EIGENVALUES FOUND IN RESIDUAL STRUCTURE.
USER INFORMATION: DIVERGENCE ANALYSIS WILL BE SKIPPED FOR THIS SUBCASE.
#

9132 USER WARNING MESSAGE 9132 #
INITIAL PRBDOFS APPEARS TO BE INVALID.
NUMBER OF NONZERO TERMS IN PRBDOFS = *{NZWPRBD}*#
NUMBER OF COLUMNS IN TR = *{NCTR}*#
ATTEMPTING AN ALTERNATE METHOD.
#

9133 USER FATAL MESSAGE 9133 #
COULD NOT GENERATE A VALID PRBDOFS
NUMBER OF NONZERO TERMS IN PRBDOFS = *{NZWP}*#
NUMBER OF COLUMNS IN TR = *{NCTR}*#
#

9134 USER FATAL MESSAGE 9134 #
THERE ARE CHANGES IN K2PP, M2PP, B2PP, SDAMP, OR TFL.
USER ACTION: SPECIFY K2PP, M2PP, B2PP, SDAMP, AND TFL ABOVE ALL SUBCASES.
#

9135 USER FATAL MESSAGE 9135 #
RUN TERMINATED DUE TO EXCESSIVE PIVOT RATIOS IN MATRIX KOO. USER ACTION: CONSTRAIN MECHANISMS WITH SPCI ENTRIES OR SPECIFY PARAM,BAILOUT,-1 TO CONTINUE THE RUN WITH MECHANISMS.
#

9136 **From SEKR**
USER WARNING MESSAGE 9136 #
ENCOUNTERED EXCESSIVE PIVOT RATIOS IN MATRIX KOO.
USER INFORMATION: AUTO-SUPORT WILL BE PERFORMED IN
AN ATTEMPT TO REMOVE SINGULARITIES.
#

9136 **From PHASE1D**
USER WARNING MESSAGE 9136 #
ENCOUNTERED EXCESSIVE PIVOT RATIOS IN MATRIX KLL.
USER INFORMATION: AUTO-SUPORT WILL BE PERFORMED ON
STRUCTURAL DEGREES OF FREEDOM IF
NECESSARY.
#

9137 **From CONMODS**

USER FATAL MESSAGE 9137 #
RUN TERMINATED DUE TO EXCESSIVE PIVOT RATIOS IN MATRIX KLL. USER ACTION: CONSTRAIN MECHANISMS WITH SPCI OR SUPORTI ENTRIES OR SPECIFY PARAM,BAILOUT,-1 TO#
CONTINUE THE RUN WITH MECHANISMS.
#

9137 **From SEKRRS**
USER FATAL MESSAGE 9137 #
RUN TERMINATED DUE TO EXCESSIVE PIVOT RATIOS IN MATRIX KLL.
USER ACTION: CONSTRAIN MECHANISMS WITH SPCI OR SUPORTI ENTRIES OR SPECIFY PARAM,BAILOUT,-1 TO
CONTINUE THE RUN WITH MECHANISMS.
#

9137 **From CONATTM**
USER FATAL MESSAGE 9137 #
RUN TERMINATED DUE TO EXCESSIVE PIVOT RATIOS IN MATRIX K(F-R,F-R). USER ACTION: CONSTRAIN MECHANISMS WITH SPCI OR SUPORTI ENTRIES OR SPECIFY PARAM,BAILOUT,-1 TO
CONTINUE THE RUN WITH MECHANISMS.
#

9137 **From PHASE1D**
USER FATAL MESSAGE 9137 #
RUN TERMINATED DUE TO EXCESSIVE PIVOT RATIOS IN MATRIX KLL. USER ACTION: CONSTRAIN MECHANISMS WITH SPCI ENTRIES OR SPECIFY PARAM,BAILOUT,-1 TO
CONTINUE THE RUN WITH MECHANISMS.
#

9138 USER INFORMATION MESSAGE 9138 #
STRUCTURAL AND LOAD MODAL PARTICIPATION IS REQUESTED FOR *{STRUCTMP}* STRUCTURAL MODES.
#

9139 USER INFORMATION MESSAGE 9139 #
STRUCTURAL MODAL PARTICIPATION FACTORS SHOWN BELOW IN MATRIX STMODPF FOR FREQUENCY=*{OFREQ}* AND DLOAD ID=*{DLOADID}*#
#

9140 USER INFORMATION MESSAGE 9140 #
PANEL MODAL PARTICIPATION FACTORS SHOWN BELOW IN PNLMODPF FOR PANEL = *{PANAME}* AT FREQUENCY =*{OFREQ}* AND DLOAD ID=*{DLOADID}*#
#

9141 USER INFORMATION MESSAGE 9141 #
LOAD MODAL PARTICIPATION FACTORS SHOWN BELOW IN MATRIX LDMODPF FOR FREQUENCY=*{OFREQ}* AND DLOAD ID=*{DLOADID}*#
#

9142 USER WARNING MESSAGE 9142 #
THE SOLUTION FOR THE RESIDUAL STRUCTURE AND THE APPLIED LOADS FOR THE CURRENT SUBCASE ARE ZERO.
#

9143 USER FATAL MESSAGE 9143 #
THE SOLUTION FOR THE RESIDUAL STRUCTURE DOES NOT EXIST.
#

9144 USER FATAL MESSAGE 9144 #
THE *{LDTYPE}* SOLUTION FOR THE RESIDUAL STRUCTURE AND THE CURRENT SUBCASE DOES NOT EXIST.
#

9145 USER WARNING MESSAGE 9145 #
THE *{LDTYPE}* SOLUTION AND THE *{LDTYPE}* LOADS FOR THE RESIDUAL STRUCTURE AND THE CURRENT SUBCASE ARE ZERO.
#

9146 DMAP INFORMATION MESSAGE 9146 - LOADING MACHINE *{MACHINE}* CONFIG *{CONFIG}* OPERASYS *{OPERASYS}* OPERALEV *{OPERALEV}* SUBMODEL *{SUBMODEL}* (EQUIVALENCED FROM CONFIG=*{OCONFIG}*). #
#

9147 USER WARNING MESSAGE 9147 #
LOAD REDUCTION IS INCOMPLETE WHEN FIXEDB=-2. THEREFORE, LOAD MATRICES QR AND PL ARE DELETED.
#

9148 USER FATAL MESSAGE 9148 #
SOL 200 IS REQUESTED WITH PARTITIONED BULK DATA SUPERELEMENTS. THIS IS NOT ALLOWED.
#

9149 USER FATAL MESSAGE 9149 #
MULTIPLE BOUNDARY CONDITIONS ARE SPECIFIED IN NORMAL MODES WITH P-ELEMENTS WHICH IS NOT ALLOWED.
#

9150 USER FATAL MESSAGE 9150 #
P-VERSION ELEMENT ENTRIES ARE PRESENT AND ARE NOT ALLOWED IN PARTITIONED SUPERELMENTS.
#

9151 USER FATAL MESSAGE 9151 #
MULTIPLE ENFORCED TEMPERATURE SUBCASES ARE SPECIFIED, WHICH IS NOT ALLOWED.
#

9152 SYSTEM FATAL MESSAGE 9152 #
RUN IS TERMINATED BECAUSE NO CONVERGENCE WAS REACHED WITH THE ITERATIVE SOLVER.
#

9153 USER FATAL MESSAGE 9153 #
PARAM, SUBCASID,*{SUBCASID}* DOES NOT CORRESPOND TO A VALID SUBCASE IDENTIFICATION NUMBER.
#

9154 USER FATAL MESSAGE 9154 #
PARAM, SUBID MUST BE LESS THAN OR EQUAL TO *{NSUB1}*#
#

9155 USER FATAL MESSAGE 9155 #
PARAM, LOOPID,*{LOOPID}* DOES NOT CORRESPOND TO A VALID LOOP IDENTIFICATION NUMBER.
#

9156 USER FATAL MESSAGE 9156 #
PARAM, SUBID OR SUBCASID IS NOT SPECIFIED.
#

9157 USER FATAL MESSAGE 9157 #
PARAM, SUBID OR SUBCASID SPECIFIES FIRST SUBCASE
#

9158 USER FATAL MESSAGE 9158 #
THE DATA BASE IS

INSUFFICIENT FOR PARAM,LOOPID RESTARTS. CHECK FOR BULK DATA CHANGES RELATED TO GEOMETRY, CONNECTIVITY, AND PROPERTIES, WHICH CAUSE THE RECALCULATION OF NONLINEAR DATA. #
#

9159 USER FATAL MESSAGE 9159 #
PARAM,LOOPID=*{LOOPID}* IS NOT LESS THAN OR EQUAL TO LAST LOOPID=*{ELOOPID}* IN PREVIOUS SUBCASE.
#

9160 USER FATAL MESSAGE 9160 #
MULTIPLE BOUNDARY CONDITION SUBCASES ARE SPECIFIED, WHICH IS NOT ALLOWED.
#

9161 SYSTEM FATAL MESSAGE 9161 #
RUN IS TERMINATED DUE TO INSUFFICIENT MEMORY.
USER INFORMATION: SEE ABOVE MESSAGES AND .F04 FILE FOR MEMORY ESTIMATES.
#

9162 USER WARNING MESSAGE 9162 #
PARAM,INREL,-1 OR -2 IS PRESENT BUT NO MASS IS DEFINED. THEREFORE THE INERTIA RELIEF LOADS WILL NOT BE COMPUTED AND THE SOLUTION WILL ONLY REFLECT THE APPLIED LOADS.
#

9163 USER WARNING MESSAGE 9163 #
PARAM,OLDSEQ,>0 IS IGNORED WHEN PARAM,SM,YES IS SPECIFIED. OLDSEQ=-1
#

9164 USER WARNING MESSAGE 9164 #
PARAM,NEWSEQ IS IGNORED BECAUSE RESEQUENCING IS NO LONGER RECOMMENDED EXCEPT FOR SOLUTIONS WITH THE DISTRIBUTED DOMAIN DECOMPOSITION METHOD.
NEWSEQ HAS BEEN RENAMED OLDSEQ AND ITS DEFAULT IS -1 EXCEPT FOR THE DISTRIBUTED DOMAIN DECOMPOSITION METHOD (SOL 101 SUBMITTED WITH DMP=N; WHERE THE DEFAULT IS 11--AUTOMATIC MODEL PARTITIONER). IF STILL DESIRED, PLEASE RESPECIFY AS PARAM,OLDSEQ.
#

9165 USER WARNING MESSAGE 9165 #
PARAM,NEWSEQ IS IGNORED BECAUSE RESEQUENCING IS NO LONGER RECOMMENDED FOR NON-ITERATIVE SOLUTIONS.
NEWSEQ HAS BEEN RENAMED OLDSEQ AND ITS DEFAULT IS -1 FOR NON-ITERATIVE SOLUTIONS AND 5 FOR ITERATIVE SOLUTIONS. IF STILL DESIRED, PLEASE RESPECIFY AS PARAM,OLDSEQ.
#

9166 USER INFORMATION MESSAGE 9166 #
NO MASSLESS MECHANISMS WERE DETECTED.
THERE IS ANOTHER TYPE OF ERROR EITHER IN THE MODEL OR THE PROGRAM. REVIEW THE DIAGNOSTICS THAT APPEAR ABOVE USER INFORMATION MESSAGE 9118 AND, IF NO MODELLING ERROR CAN BE FOUND, THEN CONTACT SIEMENS PLM SOFTWARE

CUSTOMER SUPPORT. #
#

9167 USER INFORMATION MESSAGE 9167 #
STATIC SENSITIVITY ANALYSIS INITIATED. DESIGN CYCLE NUMBER=*{DESCYCLE}*#
#

9168 USER INFORMATION MESSAGE 9168 #
NORMAL MODES ANALYSIS INITIATED FOR ANALYSIS =*{ANALYSIS}* AND DESIGN CYCLE NUMBER =*{DESCYCLE}*#
#

9169 USER INFORMATION MESSAGE 9169 #
NORMAL MODES ANALYSIS - DATA RECOVERY INITIATED FOR ANALYSIS=*{ANALYSIS}* AND DESIGN CYCLE NUMBER=*{DESCYCLE}*#
#

9172 USER INFORMATION MESSAGE 9172 #
DIRECT FREQUENCY RESPONSE ANALYSIS INITIATED. DESIGN CYCLE NUMBER=*{DESCYCLE}*#
#

9173 USER INFORMATION MESSAGE 9173 #
DIRECT FREQUENCY SENSITIVITY ANALYSIS INITIATED. DESIGN CYCLE NUMBER=*{DESCYCLE}*#
#

9174 USER INFORMATION MESSAGE 9174 #
DIRECT FREQUENCY RESPONSE ANALYSIS - DATA RECOVERY INITIATED. DESIGN CYCLE NUMBER=*{DESCYCLE}*#
#

9175 USER INFORMATION MESSAGE 9175 #
MODAL FREQUENCY RESPONSE ANALYSIS INITIATED. DESIGN CYCLE NUMBER=*{DESCYCLE}*#
#

9176 USER INFORMATION MESSAGE 9176 #
MODAL FREQUENCY DESIGN SENSITIVITY ANALYSIS INITIATED. DESIGN CYCLE NUMBER = *{DESCYCLE}*#
#

9177 USER INFORMATION MESSAGE 9177 #
MODAL FREQUENCY RESPONSE ANALYSIS - DATA RECOVERY INITIATED. DESIGN CYCLE NUMBER=*{DESCYCLE}*#
#

9178 USER INFORMATION MESSAGE 9178 #
MODAL FREQUENCY RESPONSE ANALYSIS - DATA RECOVERY COMPLETED. DESIGN CYCLE NUMBER=*{DESCYCLE}*#
#

9179 USER INFORMATION MESSAGE 9179 #
MODAL FREQUENCY RESPONSE ANALYSIS - DATA RECOVERY COMPLETED. DESIGN CYCLE NUMBER=*{DESCYCLE}*#
#

9180 USER INFORMATION MESSAGE 9180 #
MODAL TRANSIENT RESPONSE ANALYSIS INITIATED. DESIGN CYCLE NUMBER=*{DESCYCLE}*#
#

9181 USER INFORMATION MESSAGE 9181 #
MODAL TRANSIENT DESIGN SENSITIVITY ANALYSIS INITIATED. DESIGN CYCLE NUMBER = *{DESCYCLE}*#
#

9182 USER INFORMATION MESSAGE 9182 #
MODAL

TRANSIENT RESPONSE ANALYSIS - DATA RECOVERY INITIATED. DESIGN CYCLE NUMBER=*{DESCYCLE}*#
#

9183 USER INFORMATION MESSAGE 9183 #
MODAL TRANSIENT RESPONSE ANALYSIS - DATA RECOVERY INITIATED. DESIGN CYCLE NUMBER=*{DESCYCLE}*#
#

9184 USER INFORMATION MESSAGE 9184 #
MODAL TRANSIENT RESPONSE ANALYSIS - DATA RECOVERY COMPLETED. DESIGN CYCLE NUMBER=*{DESCYCLE}*#
#

9193 USER INFORMATION MESSAGE 9193 #
AEROELASTIC DIVERGENCE ANALYSIS INITIATED. DESIGN CYCLE NUMBER=*{DESCYCLE}*#
#

9195 USER INFORMATION MESSAGE 9195 #
BUCKLING ANALYSIS INITIATED FOR LOOP ID=*{NLOOP}*#
# #
#

9196 USER INFORMATION MESSAGE 9196 #
COMPLEX MODES ANALYSIS INITIATED FOR LOOP ID=*{NLOOP}*#
# #
#

9197 USER INFORMATION MESSAGE 9197 #
UNSYMMETRIC NORMAL MODES ANALYSIS INITIATED FOR LOOP ID=*{NLOOP}*#
# #
# #
#

9198 USER INFORMATION MESSAGE 9198 #
NORMAL MODES ANALYSIS INITIATED FOR LOOP ID=*{NLOOP}*#
# #
#

9199 USER INFORMATION MESSAGE 9199 #
LINEAR HEAT TRANSFER ANALYSIS INITIATED.
#

9206 USER INFORMATION MESSAGE 9206 #
BUCKLING ANALYSIS COMPLETED FOR LOOP ID=*{NLOOP}*#
# #
#

9207 USER INFORMATION MESSAGE 9207 #
COMPLEX NORMAL MODES ANALYSIS COMPLETED FOR LOOP ID=*{NLOOP}*#
# #
#

9208 USER INFORMATION MESSAGE 9208 #
UNSYMMETRIC NORMAL MODES ANALYSIS COMPLETED FOR LOOP ID=*{NLOOP}*#
# #
#

9209 USER INFORMATION MESSAGE 9209 #
NORMAL MODES ANALYSIS COMPLETED FOR LOOP ID=*{NLOOP}*#
# #
#

9210 USER INFORMATION MESSAGE 9210 #
NONLINEAR STATIC ANALYSIS COMPLETED.
# #
#

9211 USER INFORMATION MESSAGE 9211 #
SUPERELEMENT STATIC ANALYSIS COMPLETED.
#

9212 USER INFORMATION MESSAGE 9212 #
OLD DESIGN SENSITIVITY ANALYSIS - STATICS - COMPLETED.
#

9213 USER INFORMATION MESSAGE 9213 #
SUPERELEMENT BUCKLING ANALYSIS COMPLETED.
#

9214 USER INFORMATION MESSAGE 9214 #
OLD DESIGN SENSITIVITY ANALYSIS - BUCKLING - COMPLETED.
#

9215 USER INFORMATION MESSAGE 9215 #
SUPERELEMENT NORMAL MODES ANALYSIS COMPLETED.
#

9216 USER INFORMATION MESSAGE 9216 #
OLD DESIGN SENSITIVITY ANALYSIS - MODES - COMPLETED.
#

9217 USER FATAL MESSAGE 9217 #
RUN IS TERMINATED DUE TO INABILITY
TO CHECK OUT ROTOR DYNAMICS LICENSE OR
THERE IS INSUFFICIENT MEMORY.
#

9218 **From ROTCZGG**
USER FATAL MESSAGE 9218 #
RSET *{RSET}* , REFERENCED ON ROTORD, NOT FOUND.
# #
#

9218 **From ROTMAT0**
USER FATAL MESSAGE 9218 #
RSET *{RSET}* REFERENCED ON ROTORD ENTRY NOT FOUND.
# #
#**********
#
# #
#

9218 **From ROTMAT**
USER FATAL MESSAGE 9218 #
RSET REFERENCED ON ROTORD NOT FOUND.
#

9219 **From FINDROTD**
USER FATAL MESSAGE 9219 #
ROTORD REFERENCED BY RMETHOD WAS NOT FOUND.
# #
#

9219 **From ROTCZGG**
USER FATAL MESSAGE 9219 #
RCORD *{RCORD}* , REFERENCED ON ROTORD, NOT FOUND.
# #
#

9219 **From ROTBEAR**
USER FATAL MESSAGE 9219 #
PBEAR ENTRY WAS NOT FOUND OR INCORRECT. CALL PRTSUM RSTJUNK
#

9219 **From ROTMAT0**
USER FATAL MESSAGE 9219 #
COORDINATE SYSTEM *{RCORD}* REFERENCED ON ROTORD ENTRY NOT FOUND.
#
#
#**********
#
# #
#

9219 **From ROTMAT**
USER FATAL MESSAGE 9219 #
RCORD REFERENCED ON

ROTORD NOT FOUND. #
#

9220 **From ROTMAT0**
USER FATAL MESSAGE 9220 #
RFORCE *{RFORCE}* REFERENCED ON ROTORD ENTRY NOT FOUND.
# #
#**********
#
# #
#

9220 **From ROTMAT**
USER FATAL MESSAGE 9220 #
RFORCE REFERENCED ON ROTORD NOT FOUND.
#

9221 **From SEDCEIG**
USER FATAL MESSAGE 9221 #
NEITHER SUPERELEMENTS OR QSET ARE SUPPORTED FOR ROTOR DYNAMICS.
#

9221 **From SOL2**
USER FATAL MESSAGE 9221 #
ROTOR DYNAMICS IS NOT SUPPORTED WITH THE ELEMENTITERATIVE SOLVER, USE THE SPARSE SOLVER
#

9222 USER INFORMATION MESSAGE 9222 #
DURING A-SET ORTHONORMALIZATION,
A TOTAL OF *{NEIGVS}* MODES WERE FOUND
OUT OF A POSSIBLE *{NOASET}* .
#

9223 USER INFORMATION MESSAGE 9223 #
HIGH-FREQUENCY CONTENT ABOVE *{V2ORTHO}* HZ IS BEING IGNORED,
SINCE IT MAY LEAD TO ILL-CONDITIONING.
# #
THE UPPER LIMIT CAN BE CHANGED VIA PARAM, V2ORTHO, FREQ_UPPER_LIMIT,
WHERE THE UNITS OF FREQ_UPPER_LIMIT ARE CYCLES/SEC.
#

9224 USER INFORMATION MESSAGE 9224 #
EIGENVALUES FROM A-SET ORTHONORMALIZATION:
#

9225 USER WARNING MESSAGE 9225 #
DUPLICATE GRIDSCALAR IDS DETECTED INSUPERELEMENTS.
PARAMETER SECOMB RESET TO -NO-.
#

9226 USER INFORMATION MESSAGE 9226 #
LARGE RIGID BODY MOTION IS REQUESTED.
MODE DISPLACEMENT METHOD IS USED. (DDRMM=-1)
#

9227 USER FATAL MESSAGE 9227 #
ILLEGAL DTI FILE FOR TOL DATA.
USER ACTION: PLEASE CHECK DTI FILE.
#

9228 USER FATAL MESSAGE 9228 #
ILLEGAL DMI FILE FOR UHT DATA.
USER ACTION: PLEASE CHECK DMI FILE.
#

9229 USER WARNING MESSAGE 9229 #
ILLEGAL DMI FILE

FOR BHT DATA. #
THIS DATA BLOCK IS IGNORED.
#

9230 USER INFORMATION MESSAGE 9230 #
NUMBER OF TIME STEPS :*{NTSTP}*#
NUMBER OF MODES :*{NMODE}*#
#

9231 USER FATAL MESSAGE 9231 #
ILLEGAL INPUT FILE.
USER ACTION: PLEASE CHECK INPUT FILE.
#

9232 USER FATAL MESSAGE 9232 #
NUMBER OF MODES ARE UNMATCHED.
USER ACTION: CHECK PRIMARY RUN & INPUT FILE.
#

9233 USER WARNING MESSAGE 9233 #
NUMBER OF MODES ARE UNMATCHED.
ATTEMPT TO REMOVE MODES FROM MODE SHAPE DATA.
#

9234 USER INFORMATION MESSAGE 9234 #
NUMBER OF DOF :*{NDOFS}*#
NUMBER OF NODES :*{NNODE}*#
#

9235 USER INFORMATION MESSAGE 9235 #
FINAL STEPS :*{FSTEP}*#
NUMBER OF FLEXIBLE MODES IN UHT:*{FMODE}*#
# #
OUTPUT FORMAT FILE PRINTING...
# #
#

9236 USER INFORMATION MESSAGE 9236 #
RESULTS RECOVERY PROCESS IS COMPLETE.
#

9237 USER FATAL MESSAGE 9237 #
ONLY LUMPED MASS FORMULATIONS ARE SUPPORTED
FOR ADAMSMNF OR MBDEXPORT MATRIX CREATION.
COUPLED MASS FORMULATIONS MAY NOT BE USED.
EITHER REMOVE THE PARAM,COUPMASS STATEMENT,
OR RERUN WITH PARAM,COUPMASS,-1.
#

9238 **From PHASE0**
USER INFORMATION MESSAGE 9238 #
RESIDUAL VECTORS WITH ATTACHMENT MODES IS NOT SUPPORTED.
##
# #
#

9238 **From SEMODES**
USER INFORMATION MESSAGE 9238 #
RESIDUAL VECTORS WITH ATTACHMENT MODES IS NOT SUPPORTED.
RESIDUAL VECTORS PARAM RESVEC IS BEING SET TO NO
RESIDUAL VECTORS PARAM RESVINER IS BEING SET TO NO
##
# #
#

9239 USER WARNING MESSAGE 9239 #
MODAL ENERGY CALCULATIONS ARE NOT
SUPPORTED FOR THE CONSTRAINT MODE
METHOD OF ENFORCED MOTION.
#

9240 USER WARNING MESSAGE 9240 #
PARAM,INREL,-2 IS ONLY VALID FOR SOL 101.
PARAM,INREL,-2 WILL BE IGNORED FOR THIS ANALYSIS.
#

9241 USER INFORMATION MESSAGE 9241 #
CBAR, CBEAM, CBEND ELEMENT RESULTS HAVE NOT BEEN
MODIFIED. NUMBER OF DISTRIBUTED ATTACHMENT LOADS#
IS LIMITED TO ONE WHEN DISTRIBUTED BEAM LOADS
OR CBARAO CARDS ARE SPECIFIED.
#

9242 USER INFORMATION MESSAGE 9242 #
MODAL EFFECTIVE MASS OUTPUT REQUEST IS
BEING FORCED ON BECAUSE RSOPT = 1
#

9243 USER WARNING MESSAGE 9243 #
BOLT PRELOAD IS RESTRICTED TO SORT1 FORMAT.
REQUEST FOR SORT2 IS IGNORED.
#

9244 USER WARNING MESSAGE 9244 #
ELEMENT BIRTH AND DEATH IS RESTRICTED TO SORT1
FORMAT. REQUEST FOR SORT2 IS IGNORED.
#

9245 USER FATAL MESSAGE 9245 #
ONLY LUMPED MASS FORMULATIONS ARE SUPPORTED
FOR ADMASMNF OR MBDEXPORT MATRIX CREATION.
P-ELEMENTS AND CBENDS GENERATE COUPLED MASS;
COUPLED MASS FORMULATIONS MAY NOT BE USED.
#

9246 USER FATAL MESSAGE 9246 #
ONLY LUMPED MASS FORMULATIONS ARE SUPPORTED
FOR ADMASMNF OR MBDEXPORT MATRIX CREATION.
MFLUID ELEMENTS GENERATE NON-DIAGONAL MASS,
WHICH IS NOT ALLOWED.
#

9247 USER WARNING MESSAGE 9247 #
F1 ON THE EIGR ENTRY OR V1 ON THE EIGRL ENTRY IS >0.0. AUTO-SUPORT CANNOT BE PERFORMED.
#

9248 SYSTEM FATAL MESSAGE 9248 #
THE STIFFNESS MATRIX IS STILL SINGULAR.
THEREFORE, RESIDUAL VECTORS AND CONSTRAINT MODES CANNOT BE COMPUTED
NOR CAN DIFFERENTIAL STIFFNESS BE PROCESSED.
USER ACTION: CONSTRAIN MECHANISMS WITH SPCI OR SUPORTI ENTRIES OR SPECIFY PARAM,BAILOUT,-1 TO
CONTINUE THE RUN WITH MECHANISMS.
#

9249 USER INFORMATION MESSAGE 9249 #
#

9250 USER INFORMATION MESSAGE 9250 #
#

9251 **From MMRBFND**
SYSTEM WARNING MESSAGE 9251 #
DURING

DETECTION OF MASSLESS MECHANISMS, #
NUMBER OF SINGULARITIES IS AT LEAST *{NHIRATI}* AND THIS IS GREATER THAN NLMAX OF *{NLMAX}*.
THEREFORE, NOT ALL SINGULARITIES MAY BE FOUND.
USER ACTION: REPAIR MODEL OR INCREASE THE VALUE OF PARAMETER NLMAX.
#

9251 **From ACMGN**
USER FATAL MESSAGE 9251 #
NXAC RETURNED ERROR CODE *{IRTN}*#
#

9252 SYSTEM WARNING MESSAGE 9252 #
DURING DETECTION OF MASSLESS MECHANISMS,
THERE ARE NO EXTRA RAW VECTORS LEFT AFTER ORTHOGONALIZATION AND ALL MASSLESS MECHANISMS MAY NOT HAVE BEEN FOUND.
USER ACTION: INSPECT THE MODELING AROUND THE HIGH RATIO POINTS FOR MODELING ERRORS, OR SET PARAM,NLMAX TO A VALUE LARGER THAN *{NLMAX}*#
#

9253 USER INFORMATION MESSAGE 9253 #
#

9254 SYSTEM INFORMATION MESSAGE 9254 #
SOME MASSLESS MECHANISMS MAY NOT BE DETECTED BECAUSE NO TRIAL VECTORS REMAIN.#
MASSLESS MECHANISM DETECTION WILL BE TERMINATED.
#

9255 USER INFORMATION MESSAGE 9255 #
SOME MASSLESS MECHANISMS MAY NOT BE DETECTED BECAUSE TRIAL VECTORS REMAIN.#
MASSLESS MECHANISM DETECTION WILL BE TERMINATED.
#

9256 USER INFORMATION MESSAGE 9256 #
THE FOLLOWING DEGREES-OF-FREEDOM ARE CONSTRAINED TO PREVENT MASSLESS MECHANISMS DURING SOLUTION.
#

9257 USER INFORMATION MESSAGE 9257 #
AUTO-SUPORT FOUND *{NORB}* RIGID BODY MODES
BELOW *{FZERO}* HZ.
AUTO-SUPORT IS BEING TURNED OFF. BELOW
IS THE LIST OF NATURAL FREQUENCIES; IF THE LIST
CONTAINS RIGID BODY MODES, IT WILL BE NECESSARY
TO INCREASE THE VALUE OF THE FZERO PARAM
TO IDENTIFY THEM.
#

9258 USER FATAL MESSAGE 9258 #
NO NON-ZERO INITIAL CONDITIONS APPLIED TO
ANALYSIS SET DEGREES-OF-FREEDOM.
#

9259 USER WARNING MESSAGE 9259 #
ANY INITIAL CONDITIONS APPLIED TO
EXTRA POINTS WILL BE IGNORED.
#

9260 USER FATAL MESSAGE 9260 #
NO NON-ZERO INITIAL CONDITIONS APPLIED TO
MODAL DEGREES-OF-

FREEDOM. #
#

9262 USER FATAL MESSAGE 9262 #
THE NUMBER OF SUPERELEMENT EIGENVECTORS *{NOZSET}* IS LESS THAN OR EQUAL TO THE NUMBER OF DEGREES OF FREEDOM,*{NORSET}* ON THE SESUP BULK DATA ENTRY.
USER ACTION: INCREASE THE NUMBER OF EIGENVECTORS DESIRED ON THE EIGR OR EIGRL BULK DATA ENTRY, OR DECREASE THE NUMBER OF DEGREES OF FREEDOM ON THE SESUP BULK DATA ENTRY.
#

9266 SYSTEM WARNING MESSAGE 9266 #
#*{NAME}{QUL1}{QUL2}* NOT FOUND IN DATABASE. PURGED STATUS ASSUMED. #
#

9267 SYSTEM INFORMATION MESSAGE 9267 #
#*{ZNAME}{QUL1}{QUL2}* (TRAILER *={T1}{T2}{T3}{T4}{T5}{T6}{T7}*) HAS BEEN FETCHED FROM THE DATABASE #
#

9268 SYSTEM INFORMATION MESSAGE 9268 #
DATA BLOCK *{ZNAME}{QUL1}{QUL2}* (TRAILER *={T1}{T2}{T3}{T4}{T5}{T6}{T7}*) HAS BEEN STORED IN DBSET DBZUZR
#

9272 USER INFORMATION MESSAGE 9272 #
STATIC SENSITIVITY ANALYSIS COMPLETED. DESIGN CYCLE NUMBER=*{DESCYCLE}*#
#

9273 USER INFORMATION MESSAGE 9273 #
NORMAL MODES ANALYSIS COMPLETED FOR ANALYSIS=*{ANALYSIS}* AND DESIGN CYCLE NUMBER=*{DESCYCLE}*#
#

9274 USER INFORMATION MESSAGE 9274 #
NORMAL MODES ANALYSIS - DATA RECOVERY COMPLETED FOR ANALYSIS=*{ANALYSIS}* AND DESIGN CYCLE NUMBER=*{DESCYCLE}*#
#

9277 USER INFORMATION MESSAGE 9277 #
DIRECT FREQUENCY RESPONSE ANALYSIS COMPLETED. DESIGN CYCLE NUMBER=*{DESCYCLE}*#
#

9278 USER INFORMATION MESSAGE 9278 #
STRUCTURAL AND LOAD MODAL PARTICIPATION IS REQUESTED FOR *{STRUCTMP}* STRUCTURAL MODES.
#

9279 USER FATAL MESSAGE 9279 #
SOL 200 IS REQUESTED WITH PARTITIONED BULK DATA SUPERELMENTS. THIS IS NOT ALLOWED.
#

9281 USER FATAL MESSAGE 9281 #
EXTERNAL SUPERELEMENT CREATION IS NOT ALLOWED FOR A THERMAL ANALYSIS.
#

9283 USER WARNING MESSAGE 9283 #
DUPLICATE

ELEMENT IDS DETECTED INSUPERELEMENTS. #
PARAMETER SECOMB RESET TO -NO-.
#

9284 USER WARNING MESSAGE 9284 #
NUMBER OF OUTER LOOP ITERATIONS EXCEEDED
#

9285 USER FATAL MESSAGE 9285 #
GPART = 0 WITH DMP IS NOT SUPPORTED WHEN PARAM,RSOPT,1.
SET GPART TO 1 AND RESOLVE
##
# #
#

9286 USER FATAL MESSAGE 9286 #
STATSUB IS NOT SUPPORTED BY DMP.
#

9287 USER FATAL MESSAGE 9287 #
SUPERELEMENTS WITH GPART=0 ARE NOT SUPPORTED BY DMP.
PLEASE RESUBMIT WITH GPART=1.
#

9288 USER WARNING MESSAGE 9288 #
#

9289 USER FATAL MESSAGE 9289 #
EXIT DUE TO NO DESIRED INTERIOR MODES FOUND
USER ACTION: INCREASE RDSCALE VALUE
# #
#

9290 **From IFPS1**
USER FATAL MESSAGE 9290 #
LINEAR CONTACT NOT SUPPORTED IN DMP.
#

9290 **From PHASE1D**
USER FATAL MESSAGE 9290 #
#LINEAR CONTACT SOLUTIONS ARE NOT SUPPORTED IN DMP #
##
#

9291 USER FATAL MESSAGE 9291 #
WELD ELEMENT NOT SUPPORTED IN DMP WITH GPART = 0
SET GPART TO 1 AND RERUN.
#

9292 USER FATAL MESSAGE 9292 #
NO SETMC DEFINITIONS EXIST FOR PANCON=ALL
#

9293 USER FATAL MESSAGE 9293 #
#RUN TERMINATED BECAUSE NUMBER OF OUTER LOOP ITERATIONS EXCEEDED. #
#CONTACT SOLUTION DID NOT CONVERGE #
##
#COMMENTS: #
#CONSIDER MODIFYING THE BCTPARM PARAMETERS FOR A POSSIBLE CONVERGED SOLUTION. #
# #
#

9295 **From XREADM**
USER WARNING MESSAGE 9295 #
EMPTY STIFFNESSMASS MATRIX FOUND.
RETAIN 0 MODE FOR ICOMP *={ICOMP}*
# #
#

9295 **From XREADR**
USER WARNING MESSAGE 9295 #
EMPTY MASS MATRIX FOUND. RETAIN 0 MODE FOR IPART *={IPART}*
# #
#

9296 USER WARNING MESSAGE 9296 #
REQUESTED INPUT DOF (U7) IN S-SET (RESTRAINED) ARE IGNORED FOR STATE SPACE MATRIX GENERATION.
#

9297 USER WARNING MESSAGE 9297 #
REQUESTED OUTPUT DOF (U8) IN S-SET (RESTRAINED) ARE IGNORED FOR STATE SPACE MATRIX GENERATION.
#

9298 **From MODERS**
USER FATAL MESSAGE 9298 #
BOTH INPUT DOF (VIA USET U7) AND OUTPUT DOF (VIA USET U8)
ARE REQUIRED TO GENERATE STATE SPACE MATRICES.
#

9298 **From MBDKDR**
USER WARNING MESSAGE 9298 #
BOTH INPUT DOF (VIA USET U7) AND OUTPUT DOF (VIA USET U8)
ARE REQUIRED TO GENERATE STATE SPACE MATRICES.#
STATESPACE MATRICES NOT CREATED FOR THIS SEID.#
#

9299 USER FATAL MESSAGE 9299 #
NO VALID INPUT DOF (U7) DEFINED FOR STATE SPACE MATRIX GENERATION.
#

9300 USER FATAL MESSAGE 9300 #
NO VALID OUTPUT DOF (U8) DEFINED FOR STATE SPACE MATRIX GENERATION.
#

9303 USER INFORMATION MESSAGE 9303 #
SPARSE DATA RECOVERY INITIATED
#

9304 USER WARNING MESSAGE 9304 #
ALL STRUCTURAL MODAL FREQUENCIES < VALUE OF
PARAM,LFREQ; MODAL CONTRIBUTIONS SKIPPED.
#

9305 USER WARNING MESSAGE 9305 #
ALL STRUCTURAL MODAL FREQUENCIES > VALUE OF
PARAM,HFREQ; MODAL CONTRIBUTIONS SKIPPED.
#

9306 USER FATAL MESSAGE 9306 #
SPCD METHOD OF ENFORCED MOTION NOT SUPPORTED.
RECOMMEND USING THE LARGE MASS METHOD.
#

9308 USER FATAL MESSAGE 9308 #
ERROR(S) ENCOUNTERED DURING EXTRACTING CASECC DATA BLOCK
THERE IS NO CORRESPONDING RECORD FOR NEW SUBCASE
#

9309 USER WARNING MESSAGE 9309 #
PUNCH OUTPUT REQUEST FOR CONTACT STIFFNESS MATRIX IS NOT SUPPORTED IN ITERATIVE SOLVER.
#

9310 USER FATAL MESSAGE 9310 #
RUN TERMINATED BECAUSE NOT ALL USET U2 DOFS WERE RESTRAINED. ALL U2

DOFS (CONSTRAINT MODES) MUST BE PART OF THE SPCI ENTRIES.#
# #
# #
#

9311 USER WARNING MESSAGE 9311 #
SUPORTS ALREADY DEFINED; AUTO-SUPORT CANNOT BE PERFORMED.
#

9312 USER FATAL MESSAGE 9312 #
F2 IN EIGRL SPECIFICATION MUST BE SPECIFIED.
# #
#

9313 USER WARNING MESSAGE 9313 #
FRRD1 IS MORE EFFECTIVE THAN FRRDRU.
RUN FRRD1 INSTEAD.
# #
#

9314 USER WARNING MESSAGE 9314 #
ACSYML IS FALSE, RUN FRRD1 INSTEAD.
# #
#

9315 USER WARNING MESSAGE 9315 #
EXTRA FLUID STIFFNESS OR MASS MATRIX EXISTS.
RUN FRRD1 INSTEAD.
# #
#

9316 USER WARNING MESSAGE 9316 #
ERROR OCCURRED IN FRRDRU.
FALL BACK TO FRRD1.
# #
#

9317 USER WARNING MESSAGE 9317 #
UNCOUPLED METHOD WOULD BE USED.
RUN FRRD1 INSTEAD.
# #
#

9319 USER INFORMATION MESSAGE 9319 #
ORIGINAL COMPONENT MODES:
#

9320 **From AESTAT**
USER INFORMATION MESSAGE 9320 #
THE SOLUTION MONITOR IS NOT SUPPORTED BY THIS
SOLUTION SEQUENCE. SYSTEM CELL (422) IS
BEING RESET TO 0.
#

9320 **From DESOPT**
USER INFORMATION MESSAGE 9320 #
THE SOLUTION MONITOR IS NOT SUPPORTED BY THIS
SOLUTION SEQUENCE. SYSTEM CELL (442) IS
BEING RESET TO 0.
#

9322 USER FATAL MESSAGE 9322 #
COMPOSITE SHELLSOLID ELEMENTS ARE NOT SUPPORTED
IN SOL200, SOL144, SOL114 WITH SYS440=0;
#

9323 USER WARNING MESSAGE 9323 #
ALL FLUID MODAL FREQUENCIES < VALUE OF
PARAM,LFREQFL; MODAL CONTRIBUTIONS SKIPPED.
#

9324 USER WARNING MESSAGE 9324 #
ALL FLUID MODAL FREQUENCIES > VALUE OF
PARAM,HFREQFL; MODAL CONTRIBUTIONS SKIPPED.
#

9325 USER WARNING MESSAGE 9325 #
ALL STRUCTURAL

MODAL FREQUENCIES < VALUE OF #
PARAM,LFREQ; PANEL CONTRIBUTIONS SKIPPED.
#

9326 USER WARNING MESSAGE 9326 #
ALL STRUCTURAL MODAL FREQUENCIES > VALUE OF
PARAM,HFREQ; PANEL CONTRIBUTIONS SKIPPED.
#

9327 USER WARNING MESSAGE 9327 #
ALL FLUID MODAL FREQUENCIES < VALUE OF
PARAM,LFREQFL; PANEL CONTRIBUTIONS SKIPPED.
#

9328 USER WARNING MESSAGE 9328 #
ALL FLUID MODAL FREQUENCIES > VALUE OF
PARAM,HFREQFL; PANEL CONTRIBUTIONS SKIPPED.
#

9329 USER WARNING MESSAGE 9329 (MODCON) #
MODAL CONTRIBUTIONS NOT SUPPORTED FOR RESTARTS FROM MINI DATABASES.
#

9330 USER WARNING MESSAGE 9330 (PANCON) #
PANELGRID CONTRIBUTIONS NOT SUPPORTED FOR RESTARTS FROM MINI DATABASES.
#

9331 USER WARNING MESSAGE 9331 #
NO VALID GRID IDS FOUND IN SET *{GRIDST}* FOR
THIS SUBCASE; GRID CONTRIBUTIONS NOT PROCESSED.
#

9332 USER WARNING MESSAGE 9332 #
BUCKLING LOADS WITH LINEAR CONTACT CONDITIONS ARE ONLY
VALID FOR FACTORS THAT ARE CLOSE TO 1.0
#

9333 USER WARNING MESSAGE 9333 #
THE ACOUSTIC COUPLING MATRIX, IS NULL FOR PANEL *{PANAME}*
#

9334 USER FATAL MESSAGE 9334 #
MODSEL SELECTION RESULTS IN NO MODES SELECTED; RUN TERMINATED
#

9335 USER FATAL MESSAGE 9335 #
INERTIAL RELIEF AND/OR SUPORTSUPORT1 BULK DATA IS NOT SUPPORTED WITH THE ELEMENTITERATIVE SOLVER, USE THE SPARSE SOLVER
#

9336 USER FATAL MESSAGE 9336 #
INERTIAL RELIEF INREL = -1 SPECIFIED BUT NO SUPORT ENTRIES
#

9338 USER WARNING MESSAGE 9338 #
PARAM,FULLSEDR,YES CONVERTED TO PARAM,SECOMB,YES
#

9340 USER FATAL MESSAGE 9340 #
QSET DOF ARE REQUIRED TOGENERATE SIMPACK FBI FILE.
#

9341 USER FATAL MESSAGE 9341 #
EXTERNAL SUPERELEMENT CREATION IS NOT ALLOWED FOR A FLUID ANALYSIS; COMPONENT MUST BE STRUCTURE-ONLY.

#
#

9342 USER FATAL MESSAGE 9342 #
APPLIED LOADING FOR THE CURRENT SUBCASE IS ZERO.#
INITIAL CONDITIONS CANNOT BE GENERATED.
PLEASE CHECK YOUR LOADING.
#

9344 USER WARNING MESSAGE 9344 #
THE AUTO-SPC OPERATION IS IGNORED FOR THE
RESIDUAL STRUCTURE BECAUSE IT DOES NOT PROVIDE
THE CORRECT ACTION WITH SOL 129401 NONLINEAR
ANALYSES.
#

9345 USER WARNING MESSAGE 9345 #
A TEMP(LOAD) IS DEFINED. THIS MAY CAUSE#
INITIAL CONDITIONS TO NOT BE GENERATED.
#

9346 USER FATAL MESSAGE 9346 #
THIS MODEL CONTAINS NO STRUCTURE (FLUID ONLY).#
INITIAL CONDITIONS CANNOT BE GENERATED.
#

9349 **From SEAERO**
USER WARNING MESSAGE 9349 #
PARAM,HFREQ,*{HFREQ}* ILLEGALLY
REMOVES RESIDUAL VECTOR MODES;
RESVEC(NODYNRSP) SKIPPED.
#

9349 **From FEA**
USER WARNING MESSAGE 9349 #
PARAM,HFREQ,*{HFREQ}* ILLEGALLY
REMOVES RESIDUAL VECTOR MODES;
RESVALTRESVEC(NODYNRSP) SKIPPED.
#

9350 **From SEAERO**
USER WARNING MESSAGE 9350 #
PARAM,LMODES,*{LMODES}* ILLEGALLY
REMOVES RESIDUAL VECTOR MODES;
RESVEC(NODYNRSP) SKIPPED.
#

9350 **From FEA**
USER WARNING MESSAGE 9350 #
PARAM,LMODES,*{LMODES}* ILLEGALLY
REMOVES RESIDUAL VECTOR MODES;
RESVALTRESVEC(NODYNRSP) SKIPPED.
#

9351 **From SEAERO**
USER WARNING MESSAGE 9351 #
PARAM,LFREQ,*{LFREQ}* ILLEGALLY
REMOVES RESIDUAL VECTOR MODES;
RESVEC(NODYNRSP) SKIPPED.
#

9351 **From FEA**
USER WARNING MESSAGE 9351 #
#

PARAM,LFREQ,*{LFREQ}* ILLEGALLY #
REMOVES RESIDUAL VECTOR MODES;
RESVALTRESVEC(NODYNRSP) SKIPPED.
#

9353 USER WARNING MESSAGE 9353 #
NO QSET DOF DEFINED FOR SUPERELEMENT *{SEID}*#
CMS METHOD WILL NOT BE USED AND NO COMPONENT, MODES WILL BE GENERATED
#

9354 USER WARNING MESSAGE 9354 #
#NMODES MODES CALCULATED BUT ONLY *{NOQSET}* QSET DOF #
DEFINED FOR SUPERELEMENT *{SEID}*;
ADDITIONAL MODES WILL BE DISCARDED
#

9355 USER INFORMATION MESSAGE 9355 #
ENHANCED STRSORT IS BEING REQUESTED
BUT IS NO LONGER SUPPORTED
PLEASE USE ENHANCED RMAXMIN
#

9356 USER WARNING MESSAGE 9356 #
SINCE THERE ARE NO Q-SET DEGREES OF FREEDOM,
THE REDUCED LOADS FOR THIS EXTERNAL SUPERELEMENT
MAY BE INACCURATE AND MAY LEAD TO INACCURATE RESULTS.
#

9364 USER FATAL MESSAGE 9364 #
CASE CONTROL CARD STATSUB IS NOT VALIDWHEN ONLY ONE SUBCASE IS DEFINED.
#

9365 USER WARNING MESSAGE 9365 #
NO ADDITIONAL MODES COMPUTATION FOR MODAL EFFECTIVE MASS
WITH MFLUID AND VMOPT=2.
# #
#

9366 USER FATAL MESSAGE 9366 #
CHANGES TO *{SPCSTR}*NOT SUPPORTED ACROSS SUBCASES
#

9373 USER INFORMATION MESSAGE 9373 #
#GROUNDCHECK RESULTS FOR SUBCASE *{SUBID}*#
# #
#

9374 USER INFORMATION MESSAGE 9374 #
#MODAL EFFECTIVE MASS RESULTS ARE REQUESTED FOR SUBCASE ID *{SUBID}*#
# #
# #
#

9377 USER FATAL MESSAGE 9377 #
MANEUVER LOAD ANALYSIS MUST BE DONE IN FIXED
REFERENCE SYSTEM (I.E. REFSYS=FIX ON ROTORD)
#

9378 USER FATAL MESSAGE 9378 #
EIG METHOD REFERENCED BY ROTSE WAS NOT FOUND.
#

9379 USER FATAL MESSAGE 9379 #
CBEAR *{CBEARID}* REFERENCED IN MORE THAN 2 BRGSETI
ENTRIES ON ROTORD
#

9380 USER FATAL MESSAGE 9380 #
SOL 401 DOES NOT SUPPORT RESTART JOBS
# #
#

9381 USER FATAL MESSAGE 9381 #
RUN IS TERMINATED DUE TO INVALID ROTOR CONNECTIONS - SEE ABOVE MESSAGES.
# #
#

9383 USER FATAL MESSAGE 9383 #
MODAL ANALYSIS IS NOT SUPPORTED FOR GENERALIZED PLANE STRAIN ELEMENTS.#
#

9384 USER INFORMATION MESSAGE 9384 AXIS-SYMMETRIC ELEMENTS ARE FOUND. THE STIFFNESS, MESSAGE MASS AND LOADS FOR THESE ELEMENTS ARE BASED ON A MESSAGE 2*PI SECTION BASIS. #
#

9385 USER INFORMATION MESSAGE 9385 AXIS-SYMMETRIC ELEMENTS ARE FOUND. THE STIFFNESS, MESSAGE MASS AND LOADS FOR THESE ELEMENTS ARE BASED ON A MESSAGE PER RADIAN BASIS. ELSE #
#

9386 USER FATAL MESSAGE 9386 #
INTERNAL SUPERELEMENTS ARE NOT SUPPORTED FOR ROTOR DYNAMICS IN THE ROTATING SYSTEM.
# #
#

9387 USER INFORMATION MESSAGE 9387 #
#ELASTIC MATERIAL PROPERTIES ARE USED FOR THE FIRST ITERATION FOLLOWING BISECTION. #
#

9388 **From SEMFREQ**
USER INFORMATION MESSAGE 9388 #
THE PRESENCE OF AML REGIONS (AMLREG) OR
POROUS MATERIALS (MATPOR) REQUIRES THAT
THE FLUID BE FORMULATED IN PHYSICAL COORDINATES.
#

9388 **From SEMODES**
USER INFORMATION MESSAGE 9388 #
THE PRESENCE OF AML REGIONS (AMLREG) OR
POROUS MATERIALS (MATPOR) REQUIRES THAT
THE FLUID BE FORMULATED IN PHYSICAL COORDINATES.
THIS IS NOT POSSIBLE FOR A SOLUTION IN SOL 103.
# #
#

9388 **From SEMCEIG**
USER INFORMATION MESSAGE 9388 #
THE PRESENCE OF AML REGIONS (AMLREG) OR
POROUS MATERIALS (MATPOR) REQUIRES THAT
THE FLUID BE FORMULATED IN PHYSICAL COORDINATES;
THEREFORE, METHOD(FLUID) WILL BE IGNORED.
# #
#

9389 USER FATAL MESSAGE 9389 #
EXTENDED ACOUSTICS FEATURES AMLREG AND MATPOR ARE NOT SUPPORTED FOR

ACFORM=0. #
# SET SYSTEM CELL ACFORM=1 TO USE THE EXTENDED ACOUSTICS FORMULATION, OR #
# SET SYSTEM(628)=1 TO OVERRIDE THIS FATAL ERROR. #
# #
#

9390 USER , WARNING , MESSAGE 9390 #
COUPLED MODAL SOLUTION AND COMPLEX MODAL REDUCTION CANNOT BE USED SIMULTANEOUSLY#
#

9391 USER , FATAL , MESSAGE 9391 #
MULTIPLE AZIMUTH ANGLES WITH MULTIPLE ROTOR SPEEDS CANNOT BE USED SIMULTANEOUSLY#
#

9392 USER WARNING MESSAGE 9392 #
MIXTURE OF FORMAT REQUESTS MADE FOR DISPLACEMENTVELOCITYACCELERATION OUTPUT REQUESTS.
PARAMETER SECOMB RESET TO -NO-.
#

9393 **From ROTSEKE**
USER INFORMATION MESSGAE 9393 #
ROTOR STRAINKINETIC ENERGY REQUESTED FOR ROTOR *{REFROT}*#
THIS ROTOR IS NOT SPECIFIED ON THE ROTORD ENTRY
ONLY ONE ROTOR EXISTS, REFROT RESET TO *{ROTORID}*#
# #
#

9393 **From ROTLOOP**
USER WARNING MESSAGE 9393 NO ROTOR MODES FOUND FOR TRACKING MESSAGE MODE TRACKING DISABLED #
# #
#

9394 USER FATAL ERROR 9394 NUMBER OF SPEED ENTRIES (NUMRPM) ON THE ROTORD ENTRY #
IS GREATER THAN THE NUMBER OF FREQUENCIES SPECIFIED
ON THE FREQI ENTRY
MODIFY INPUT TO MATCH NUMBER OF FREQUENCIES WITH NUMRPM
# #
#********** #
# #
#

9395 USER FATAL ERROR 9395 FREQUENCY VALUES ON FREQI ENTRY ARE NOT EQUAL TO #
THE ROTOR SPEED VALUES ON ROTORD ENTRY
MODIFY INPUT TO MATCH FREQUENCIES AND ROTOR SPEEDS
# #
#********** #
# #
#

9396 USER WARNING MESSAGE 9396 #
MODE SHAPE LOST DURING CAMPBELL DIAGRAM
MODE TRACKING,
MODES CAN NO LONGER BE RELIABLY TRACKED.
MODE TRACKING TERMINATED.
# #
THIS CONDITION IS COMMONLY CAUSED BY THE
STIFFNESS MATRIX HAVING A NEAR ZERO OR
NEGATIVE VALUE ALONG THE DIAGONAL.

#
CHECK THAT THE SPIN RATE DOES NOT CAUSE THE MODEL TO FAIL
(THE CENTRIPETAL FOLLOWER FORCE IS LARGER THAN THE STIFFNESS VALUE).
# #
#**********
#
# #
#
#
#**********
#
# #
#

9397 USER WARNING MESSAGE 9397 #
IDENTICAL OR NEAR IDENTICAL MODES SHAPES
FOUND DURING CAMPBELL DIAGRAM MODE
TRACKING. SUSPECT MODES WILL BE ORDERED
BY INITAL SORT.
# #
THIS CONDITION IS COMMONLY CAUSED BY THE
STIFFNESS MATRIX HAVING A NEAR ZERO OR
NEGATIVE VALUE ALONG THE DIAGONAL.
CHECK THAT THE SPIN RATE DOES NOT CAUSE
THE MODEL TO FAIL
(THE CENTRIPETAL FOLLOWER FORCE IS LARGER
THAN THE STIFFNESS VALUE).
#
#
#**********
#
# #
#

9398 USER FATAL MESSAGE 9398 #
DOMAINSOLVER ACMS IS NOT SUPPORTED
#

9399 USER FATAL MESSAGE 9399 #
REFERENCE ROTOR *{REFROT}* NOT FOUND ON ROTORD ENTRY
CHECK REFROT VALUE ON ROTPARM ENTRY
# #
#

9400 SYSTEM FATAL MESSAGE 9400 #
FOR SOL 401, ONLY LGDISP=1-1 IS ALLOWED
# #
#

9401 SYSTEM FATAL MESSAGE 9401 #
FOR SOL 401, ONLY MATNL=1-1 IS ALLOWED
# #
#

9408 USER INFORMATION MESSAGE 9408 #
MODAL EFFECTIVE MASS OUTPUT REQUEST IS
#IGNORED FOR CYCLIC NORMAL MODES AND FOURIER MODES #
#SOLUTIONS IN SOL401. #
#

9409 DMAP FATAL ERROR 9409 #
DDVAL TABLE *{TABID}* SPECIFIED ON ROTORD ENTRY
BUT TABLE IS NOT FOUND.
CHECK TABLE ID ON ROTORD OR DDVAL ENTRIES.
#
#
#**********
#
# #
#

9414 USER FATAL MESSAGE 9414 #
SPEED RATIO TABLES SPECIFIED ON ROTORD ENTRY
BUT NO TABLED1 ENTRIES ARE FOUND.
CHECK RSPEED VALUES AND TABLED1 ENTIRES.
#
#
#**********

#
# #
#

9415 USER FATAL MESSAGE 9415 #
RELATIVE SPEED TABLES SPECIFIED ON ROTORD ENTRY
BUT NO DDVAL ENTRIES ARE FOUND.
CHECK RSPEED VALUES AND DDVAL ENTIRES.
# #
#********** #
# #
#

9416 USER FATAL ERROR 9416 #
FREQUENCY-DEPENDENT ELEMENTS ARE CURRENTLY
NOT SUPPORTED FOR ROTORDYNAMICS.
REMOVE FREQUENCY-DEPENDENT PROPERTIES
# #
#********** #
#

9417 USER FATAL MESSAGE 9417 #
BCSET CANNOT BE CHANGED IN A MODAL SUBCASE
#

9418 USER FATAL MESSAGE 9418 #
BCSET CANNOT BE CHANGED IN A MODAL SUBCASE
#

9419 USER FATAL MESSAGE 9419 #
BEARING *{IBEARID}* SPANS TWO ROTORS
WITH DIFFERENT RCORD SYSTEMS ON ROTORD ENTRY.
RCORD SYSTEMS MUST BE IDENTICAL.
# #
#********** #
# #
#

9420 USER FATAL ERROR 9420 #
ROTOR COORINATE SYSTEMS MUST BE RECTANGULAR.
ROTOR SYSTEM *{CORD2}* IS NOT.
REFERENCE A RECTANGULAR SYSTEM.
# #
#********** #
# #
#

9421 USER FATAL MESSAGE 9421 #
EXTENDED ACOUSTICS FEATURE AML IS NOT SUPPORTED WHEN THE VALUE OF OUTPUT FREQUENCY EQUALS TO ZERO.
#

9903.0 *** USER FATAL MESSAGE 9903 (ASGNCD)
THERE ARE %1 AXES THAT REQUIRE CONTROL, BUT THE REDUNDANT CONTROL SURFACES AFFECT %2 AXES.
USER INFORMATION: THE NUMBER OF AXES THAT REQUIRE CONTROL IS FOUND BY TAKING THE NUMBER OF SUPPORTED DEGREES OF FREEDOM
MINUS THE NUMBER OF FREE AESTAT BULK DATA ENTRIES.
IF THE CONTROL SURFACES AFFECT MORE THAN THIS NUMBER, THE NONLINEAR TRIM ALGORITHM IS NOT WELL POSED
AND CANNOT REACH A SOLUTION.
USER ACTION : PROVIDE ADDITIONAL SUPPORTED DEGREES OF FREEDOM OR REMOVE CONTROL SURFACES THAT AFFECT AXES

THAT DON'T
REQUIRE CONTROL.

9991.0 *** USER FATAL MESSAGE 1 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
THE LAST %3 %4 DATA BLOCK(S) ARE NOT SPECIFIED AND WILL BE ASSUMED TO BE PURGED.

9991.1 *** USER WARNING MESSAGE 1 (XGPIDG)
POSSIBLE ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
THE LAST %3 %4 DATA BLOCK(S) ARE NOT SPECIFIED AND WILL BE ASSUMED TO BE PURGED.

9992.0 *** USER FATAL MESSAGE 2 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
PARAMETER NAMED %3 IS DUPLICATED

9992.1 *** USER WARNING MESSAGE 2 (XGPIDG)
POSSIBLE ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
PARAMETER NAMED %3 IS DUPLICATED

9993.0 *** USER FATAL MESSAGE 3 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
FORMAT ERROR IN PARAMETER NO. %3
User information:
A double delimiter appears in parameter section of previous DMAP instruction.

9993.1 *** USER WARNING MESSAGE 3 (XGPIDG)
POSSIBLE ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
FORMAT ERROR IN PARAMETER NO. %3

9994.0 *** SYSTEM FATAL/WARNING MESSAGE 4 (XGPIDG)
MPL PARAMETER ERROR,MODULE NAME = %1 PARAMETER NO. %2
System information:
MPL entry for module is incorrect. See block data program XMPLBD.

9995.0 *** USER FATAL/WARNING MESSAGE 5 (XGPIDG)
PARAMETER INPUT DATA ERROR, ILLEGAL VALUE FOR PARAMETER NAMED %1.

9996.0 *** USER FATAL MESSAGE 6 (XGPIDG)
ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2
ILLEGAL VALUE FOR PARAMETER NO. %3
User information:
The type of parameter in DMAP instruction does not correspond to type requested in the MPL.
For example, the location on the DMAP statement calls for an integer parameter and a real parameter has been entered.

9996.1 *** USER WARNING MESSAGE 6 (XGPIDG)
POSSIBLE ERROR IN DMAP INSTRUCTION %1 INSTRUCTION NO.%2

ILLEGAL VALUE FOR PARAMETER NO. %3

10001.0 *** USER FATAL MESSAGE 6 (PRMSETC)
MAXIMUM NUMBER OF PARAM CARD ENTRIES IN THE RC FILE EXCEEDED.
PLEASE MOVE SOME OF THE RC FILE PARAM ENTRIES TO BULK DATA DECK.

20000.0 Analysis started.

20010.0 Linear static analysis completed.

20100.0 Analysis started.

20110.0 Normal modes analysis completed.

20111.0 Complex modes analysis completed.

20112.0 Frequency response analysis completed.

20113.0 Transient response analysis completed.

20200.0 Sizing Optimization started.

20210.0 Design cycle %1 started.

20220.0 Design cycle %1 completed.

20230.0 Sizing Optimization completed.

21000.0 Geometry access/verification to CAD part initiated (if needed).

21010.0 Geometry access/verification to CAD part successfully completed (if needed).

21020.0 Finite element model generation started.

21030.0 Finite element model generation successfully completed.

21040.0 Application of Loads and Boundary Conditions to the finite element model started.

21050.0 Application of Loads and Boundary Conditions to the finite element model successfully completed.

21060.0 Solution of the system equations for linear statics started.

21061.0 Solution of the system equations for complex modes started.

21062.0 Solution of the system equations for frequency response started.

21063.0 Solution of the system equations for transient response started.

21070.0 Solution of the system equations for linear statics successfully completed.

21071.0 Solution of the system equations for complex modes successfully completed.

21072.0 Solution of the system equations for frequency response successfully completed.

21073.0 Solution of the system equations for transient response successfully completed.

21080.0 Solution of the system equations for normal modes started.

21090.0 Solution of the system equations for normal modes successfully completed.

21100.0 Error analysis of the results for p-adaptive iteration %1 started.

21101.0 Finite element model generated %1 degrees of freedom.

21102.0 Current p-adaptive iteration has maximum p-level of %1.

21103.0 Maximum element error for local error estimator is %1.

21104.0 Local error estimator indicates %1 elements converged or omitted and %2 unconverged.

21105.0 Next p-adaptive iteration has maximum p-level of %1.

21106.0 The current superelement (ID =%1) requires no further P-adaptive analysis because %2.

21106.1 P-adaptive analysis terminated because %1.

21107.0 Model error for global error estimator is %1.

21110.0 Error analysis of the results for p-adaptive iteration %1 successfully completed.

21120.0 Error analysis of the results successfully completed.

21130.0 It is not possible to perform any additional adaptive analysis after the current loop because of mesh distortion parameters beyond acceptable limits. The results in the vicinity of these highly distorted elements should be used with caution.

21131.0 The subcases in this model are not sequenced for optimum performance. Runtime
performance can be increased by resequencing subcases in the case control deck
such that those subcases with common boundary conditions (SPC IDs, MPC IDs, ...etc)
are grouped together.

21801.0 The solver is attempting to connect to the CAD Part in order to verify geometric/parametric data.

21802.0 The solver has successfully connected to the CAD Part.
Verification of geometric/parametric data has started.

21803.0 The solver has successfully closed its connection to the CAD Part.

22001.0 CORBA: Geometry Evaluator Operation %1 failed.
During geometry verification, a communication failure has occurred.

22002.0 CORBA: Message Client Operation %1 failed.
During Message passing, a communication failure has occurred.

22003.0 CORBA: Geometry Evaluator Operation %1 failed.
The Possible causes are:
Check the following variables in .obb_login for correctness
ACS_ALTERNATE,ACS_MASTER,
SHLIB_PATH,UGII_BASE_DIR,UGII_ROOT_DIR

AND/OR
Check the mode of executable "ugcorba"
Check the proxy and registration

22004.0 Analysis is running on: %1
CAD is running on : %2

22005.0 UNABLE TO RUN DMP WITH GIVENS OR HOUSE
LANCZOS METHOD SHOULD BE SELECTED (EIGRL)

22006.0 UNABLE TO OPEN INPUT DATA BLOCK %1

22007.0 MESSAGE PASSING ERROR -- RECORD SIZE MISMATCH

22008.0 INSUFFICIENT OPEN CORE AVAILABLE TO STORE DATA

22008.1 INSUFFICIENT OPEN CORE AVAILABLE TO STORE DATA
ADDITIONAL MEMORY REQUIRED: %1 WORDS

22009.0 EMPTY BOUNDARY MATRIX

22010.0 UNABLE TO PARTITION GRAPH

22011.0 EMPTY INTERIOR MATRIX DETECTED ON ANOTHER PROCESSOR

22011.1 EMPTY INTERIOR MATRIX DETECTED ON THIS PROCESSOR

22012.0 EMPTY COUPLING MATRIX

22013.0 NZ INDEX FROM KXX MATRIX IS OUT OF RANGE
VALUE OF INDEX: %1

22015.0 UNABLE TO OPEN USET, SIL, OR EQEXIN TABLES

22016.0 UNABLE TO EXECUTE ADJMAK

22017.0 UNABLE TO EXECUTE METIS REORDERING

22018.0 DATA SIZE MISMATCH

22019.0 K-PARTITIONING NEEDS %1 ADDTIONAL WORDS OF MEMORY TO CONTINUE

22020.0 K-PARTITIONING INCOMPLETE.
INCREASING MEMORY BY THE STATED AMOUNT MAY ALLOW COMPLETION

22021.0 K-PARTITIONING EXHAUSTED TABLE SPACE
MAXIMUM MEMORY USED %1 WORDS
INCREASE SYSTEM(419) BEYOND %2

22022.0 K-PARTITIONING FAILED
FOUND %1 OUT OF %2 DOMAINS

22023.0 IDENTITY MATRICES OR EMPTY MATRICES ARE INVALID INPUT TO ADJMAK

22024.0 ADJACENCY CAN NOT BE FORMED IN SUBROUTINE ADJMAK DUE TO ABOVE ERROR

22025.0 EOF ENCOUNTERED READING COLMAP OR BNDMAP

22025.1 EOR ENCOUNTERED READING COLMAP OR BNDMAP

22026.0 METIS FAILED TO PARTITION A GRAPH

22026.1 MLV METHOD FAILED TO PARTITION A GRAPH

22026.2 METIS GRID COMPRESSION FAILED TO PARTITION A GRAPH

22026.3 MLV GRID COMPRESSION FAILED TO PARTITION A GRAPH

22026.4 PPARTG2 IS USED. GRID COMPRESSION IS SUGGESTED TO SAVE PARTITION TIME.

22026.5 PPARTM2 IS USED. GRID COMPRESSION IS SUGGESTED TO SAVE PARTITION TIME.

22100.0 The redorth option is not available in DMP.

22100.1 Insufficient memory for redorth option, disabling.

22100.2 The redorth option is not suitable for this model. Disabling.

22100.3 Lanczos is using the redorth option.

22100.4 Lanczos is not using the redorth option.

22100.5 Lanczos is using the redmult option.

22100.6 The mass matrix is relatively dense.
Redmult option may improve performance for Lanczos by setting System Cell 426 to 1.

22101.0 EMPTY MASS MATRIX DETECTED ON ANOTHER PROCESSOR

22101.1 EMPTY MASS MATRIX DETECTED ON THIS PROCESSOR

22101.2 THE NUMBER OF LAGRANGE MULTIPLIERS IS NOT VALID

22102.1 MATRIX/TABLE %1 REQUIRED FOR BOLT FORCE CALCULATION

22102.2 ERROR ENCOUNTERED WHILE READING %1 FOR BOLT FORCE CALCULATION

22102.3 INSUFFICIENT MEMORY FOR BOLT FORCE CALCULATION

22102.4 BOLT PRELOAD DEFINED BUT NO BOLT FORCES DEFINED OR EDT PURGED

22102.5 SPECIFIED DISPLACEMENTS (SPCD) NOT PERMITTED IN A PRELOADED BOLT ANALYSIS
SET SYSTEM CELL 581 AND USE THE 2 SUBCASE APPROACH OUTLINED IN THE USERS GUIDE.

22102.6 SOL 106 DOES NOT SUPPORT PRELOADED BOLTS

22102.7 BOLT %1 CROSS-SECTIONAL AREA IS ZERO. CHECK VALIDITY OF BOLT GRID POINT,
BOLT ELEMENT IDS, BOLT COORDINATE SYSTEM ID, AND BOLT DIRECTION VECTOR.
IF CHOSEN GRID POINT LIES AT THE FREE ENDS OF THE BOLT, CHOOSE A
GRID POINT WITHIN THE BOLT SHAFT SUCH THAT IT IS

SURROUNDED BY
BOLT ELEMENTS.

22102.8 INTERNAL FORCE IN THE BOLT IS FOUND TO BE ZERO. SOLUTION WILL CONTINUE
BUT APPLIED BOLT FORCE MAY NOT YIELD CORRECT RESULTS FOR THE SOLUTION.

22102.9 BOLT PRELOAD CONVERGENCE FAILED!
TRY INCREASING NUMBER OF BOLT ITERATIONS BY SETTING ITRBOLT
PARAMETER IN NLCNTL BULK DATA ENTRY

22102.10 BOLT AUTO LENGTH CALCULATION FAILED. CHECK ELEMENTS THAT MAKE UP THE BOLT

22103.1 BOLT PRELOAD DEFINED BUT NO BOLTS DEFINED

22103.2 BOLT PRELOAD DEFINED FOR BOLT %1 BUT THE BOLT IS UNDEFINED

22104.1 BOLT ELEMENT %1 NOT FOUND IN ELEMENT PROPERTY TABLE

22104.2 GRID %1 NOT FOUND IN GRID POINT TABLE

22104.3 THE NUMBER OF ELEMENTS ON BOTH SIDES OF THE BOLT CUT OF %1 EXCEEDS THE LIMIT OF %2

22104.4 ELEMENT %1 DOES NOT HAVE A FACE WITH ALL ITS NODES ON THE BOLT CUT

22105.1 NO CBAR/CBEAM ELEMENTS DEFINED FOR BOLT REFERENCEING ELEMENT %1

22105.2 ELEMENT %1 DEFINED AS A BOLT DOES NOT EXIST OR IS NOT A CBAR OR CBEAM ELEMENT

22105.3 NO SOLID ELEMENTS DEFINED FOR BOLT %1

22105.4 ELEMENT %1 DEFINED AS PART OF A BOLT IS NOT A SOLID ELEMENT
OR IS NOT DEFINED IN THE RESIDUAL SUPERELEMENT

22105.5 BOLT ELEMENT %1 NOT FOUND IN ELEMENT PROPERTY TABLE

22106.1 PRELOAD DEFINED FOR BOLT ELEMENT %1 TWICE

22106.2 BOLTFOR SET %1 USED IN COMBINATION LOAD NOT DEFINED

22106.3 BOLTFOR SID %1 IS REFERENCED MORE THAN ONCE ON BOLTLD

22106.4 BOLT ID %1 REFERENCED MORE THAN ONCE IN BOLTFOR/BOLTFRC

22106.5 BOLTFOR/BOLTFRC SID DUPLICATE SID CHECK DISABLED DUE TO NUMBER OF
BULK DATA ENTRIES. ENSURE THAT BOLTFOR/BOLTFRC SIDs ARE UNIQUE.

22106.6 THE BOLTLD (CASE CONTROL) POINTS TO A BULK DATA ENTRY

%1
WHERE NO BOLTS ARE FOUND. CHECK THE FOLLOWING.
IF BOLTLD (CASE CONTROL) POINTS TO ...
1. ... A BOLTSEQ, MAKE SURE THAT EACH SEQUENCE POINTS TO A VALID
BOLTFOR, BOLTFRC OR BOLTLD AND NOT TO ANOTHER BOLTSEQ.
2. ... A BOLTLD (BULK DATA), MAKE SURE IT POINTS TO VALID BOLTLD
AND THAT EACH ID POINTS TO A VALID BOLTLD OR BOLTFOR OR BOLTFRC
3. ... A BOLTFRC/BOLTFOR, MAKE SURE IT POINTS TO A VALID BULK ENTRY
AND THAT EACH BOLTID IS DEFINED

22107.0 DATABLOCK %1 NOT FOUND

22107.1 NOT ENOUGH MEMORY %1 TO HOLD THE ENTIRE LENGTH OF EQEXINS

22107.2 PARAMETER 3 = %1 IS INVALID THE VALUE MUST BE LESS THAN ZERO

22107.3 END-OF-FILE ON DYNAMICS BEFORE ANY ROTORG CARDS WHERE FOUND

22107.4 NO GRID IDS ON ROTORG CARD THAT MATCH WITH PARAMETER 3

22107.5 NO GRID IDS ON ROTORG CARD THAT MATCH ACTUAL GRID IDS IN DATA DECK

22107.6 NO SET ID MATCHING MODSEL VALUE FOUND

22107.7 BAD DATA READ FROM SET CARD

22108.0 THE REQUESTED TIME INTERVAL: %1 TO %2
DOES NOT EXIST IN THE TIME DOMAIN: %3 TO %4
RMAXMIN WILL USE THE ENTIRE TIME DOMAIN

22108.1 FOR SOL 101 THE VALUE OF PFAC WILL BE SET TO 0.0.

22108.2 RMXPANEL parameter must not be used with RMAXMIN START and END options.

22108.3 RMXPANEL parameter must not be used with system cell 497.

22200.0 *** USER FATAL MESSAGE 22200
THE MATRIX/TABLE %1 IS REQUIRED FOR PANEL ERP COMPUTATION

22200.1 *** SYSTEM FATAL MESSAGE 22000
DATABASE ERROR WHILE READING DATA BLOCK %1

22200.2 *** USER FATAL MESSAGE 22200
BULK DATA ENTRY %1 IS MISSING IN THE INPUT FILE

22200.3 *** USER FATAL MESSAGE 22200
CANNOT FIND SET3 CARD %1 REFERENCED IN A PANEL ENTRY

22200.4 *** SYSTEM FATAL MESSAGE 22200
INTERNAL ERROR IN ROUTINE %1

22200.5 *** USER WARNING MESSAGE 22200
CANNOT FIND PANEL %1 IN BULK DATA ENTRY. THIS PANEL WILL BE IGNORED

22200.6 *** USER WARNING MESSAGE 22200
CANNOT FIND SET3 ID %1 FOR PANEL %2. THIS PANEL WILL BE IGNORED

22200.7 *** USER FATAL MESSAGE 22200
CANNOT FIND DRESP1 REFERENCED PANEL/SET3 ID %1 IN BULK DATA ENTRY.

22201.1 INSUFFICIENT MEMORY FOR SOLID BOLT GENERATION

22201.2 IN A PRELOADED BOLT ANALYSIS WITH BOLTS MODELED AS SOLID ELEMENTS, A SPC SET
MUST DEFINED IN EACH SUBCASE WITH A BOLTLD ENTRY OR IN THE GLOBAL CASE EVEN
IF NO SPC BULK DATA ENTRIES EXIST.

22201.3 UNABLE TO FIND MATERIAL FOR BOLT SPRINGS

22201.4 GRID %1 DEFINED FOR BOLT %2 NOT FOUND IN GRID POINT TABLE

22201.5 BOLT %1 MUST BE DEFINED BY AT LEAST 4 GRIDS

22201.6 SOME GRIDS DEFINED FOR BOLT %1 ARE NOT CONNECTED TO SOLID ELEMENTS

22201.7 NO CHEXA, CPENTA OR CTETRA ELEMENTS FOUND CONNECTED TO THE GRIDS OF BOLT %1

22201.8 WHEN DEFINING SOLID ELEMENT BOLTS, ALL SUBCASES MUST HAVE A BOLTLD ENTRY

22201.9 UNABLE TO CREATE CSTM FOR SOLID ELEMENT BOLTS

22201.10 %1 GRIDS FOR BOLT %2 HAVE DISPLACEMENT COORDINATE SYSTEMS WHICH WILL BE IGNORED

22201.11 GRIDS FOR BOLT %1 NOT DEFINED IN BASIC COORDINATE SYSTEM

22201.12 ELEMENT ITERATIVE SOLVER CANNOT BE USED IN A PRELOADED BOLT ANALYSIS WITH BOLTS COMPOSED OF SOLID ELEMENTS WHEN CONTACT IS PRESENT

22201.13 BOLT GRID %1 IS NOT CONNECTED TO ANY ELEMENT THAT LIES ABOVE THE DEFINED CUT PLANE. THIS
COULD BE DUE TO SKEWED ELEMENT SHAPES OR IMPROPER DEFINITION OF BOLT DIRECTION.

22201.14 GRID ID %2 CANNOT BE DEFINED IN BOLT %1 SINCE IT IS ALREADY PART OF ANOTHER BOLT DEFINITION

22201.15 NUMBER OF ELEMENTS ON THE SIDE OF UNMODIFIED BOLT CUT EXCEEDS %1

22201.16 NUMBER OF ELEMENTS THAT TOUCH BOLT GRIDS EXCEEDS %1

22201.17 NUMBER OF ELEMENTS ON THE SIDE OF MODIFIED BOLT CUT EXCEEDS %1

22201.18 BOLT GRID %1 IS ATTACHED TO A PYRAMID ELEMENT. PYRAMID ELEMENTS ARE NOT ALLOWED ON A BOLT CUT

22201.19 CTETRA ELEMENT %1 HAS A FACE WITH 3 CORNER GRID POINTS ON THE BOLT CUT BUT NOT ALL 6 GRID POINTS ON THIS FACE LIE ON THE CUT

22201.20 BOLTSEQ SEQUENCE IDS ARE NOT IN SEQUENTIAL ORDER

22210.0 *** USER FATAL MESSAGE 22210 (IFPDRV)
SOL401 DOES NOT SUPPORT THE FOLLOWING BULK DATA CARDS WHICH ARE IN THE INPUT DECK.

22210.1 *** USER WARNING MESSAGE 22210 (IFPDRV)
SOL401 DOES NOT SUPPORT THE FOLLOWING BULK DATA CARDS WHICH ARE IN THE INPUT DECK.
ACCURACY OF RESULTS MAY NOT BE GUARANTEED UNLESS THESE CARDS ARE REMOVED.

22211.0 *** USER FATAL MESSAGE 22211 (IFPDRV)
SOL401 DOES NOT SUPPORT THE FOLLOWING PARAMETERS WHICH ARE IN THE BULK DATA SECTION.

22211.1 *** USER WARNING MESSAGE 22211 (IFPDRV)
SOL401 DOES NOT SUPPORT THE FOLLOWING PARAMETERS WHICH ARE IN THE BULK DATA SECTION.
ACCURACY OF RESULTS MAY NOT BE GUARANTEED UNLESS THESE PARAMETERS ARE REMOVED.

22300.0 *** USER FATAL MESSAGE 22300 (IFP1)
SOL401 DOES NOT SUPPORT THE FOLLOWING CASE CONTROL CARDS WHICH ARE IN THE INPUT DECK.

22300.1 *** USER WARNING MESSAGE 22300 (IFP1)
SOL401 DOES NOT SUPPORT THE FOLLOWING CASE CONTROL CARDS WHICH ARE IN THE INPUT DECK.
ACCURACY OF RESULTS MAY NOT BE GUARANTEED UNLESS THESE CARDS ARE REMOVED.

22400.0 *** USER FATAL MESSAGE 22400 (IFP1)
SOL401 DOES NOT SUPPORT THE FOLLOWING PARAMETERS IN THE CASE CONTROL SECTION.

22400.1 *** USER WARNING MESSAGE 22400 (IFP1)
SOL401 DOES NOT SUPPORT THE FOLLOWING PARAMETERS IN
THE CASE CONTROL SECTION.
ACCURACY OF RESULTS MAY NOT BE GUARANTEED UNLESS
THESE PARAMETERS ARE CORRECTED.

22500.0 *** USER FATAL MESSAGE 22500 (IFP1)
SOL401 REQUIRES ANALYSIS CARD DEFINED IN EACH SUBCASE

22600.0 *** USER FATAL MESSAGE 22600 (IFP1)
SOL401 ONLY SUPPORTS ANALYSIS=STATICS OR
ANALYSIS=MODES

22610.0 *** USER FATAL MESSAGE 22610 (IFS14P)
NLCNTL CARD DOES NOT SUPPORT PARAMETER %1%2 FROM THE
INPUT DECK.

22610.1 *** USER FATAL MESSAGE 22610 (IFS14P)
IN CREEP ANALYSIS, SPECIFIED VALUE FOR PARAMETER %2
MUST BE GREATER THAN ZERO CORRESPONDING TO
THE VALUE FOR PARAMETER %1

22610.2 *** USER FATAL MESSAGE 22610 (IFS14P)
IN CREEP ANALYSIS, SPECIFIED VALUES FOR PARAMETER %2 OR
%3 MUST BE GREATER THAN ZERO CORRESPONDING TO
THE VALUE FOR PARAMETER %1

22620.0 *** USER WARNING MESSAGE 22620 (NL2NLCNTL)
PARAMETER %1 IS SPECIFIED MORE THAN ONCE ON THE NLCNTL
CARD. LAST VALUE
SPECIFIED IN THE CARD WILL BE USED.

22620.1 *** USER WARNING MESSAGE 22620 (NL2NLCNTL)
SPECIFIED VALUE FOR PARAMETER %1 IS GREATER THAN THE
VALUE FOR PARAMETER %2.VALUE FOR %1 IS RESET TO %2-1

22620.2 *** USER WARNING MESSAGE 22620 (NL2NLCNTL)
QUASI-NEWTON RAPHSON METHOD SELECTED FOR STIFFNESS
UPDATE.SPECIFIED VALUE FOR PARAMETER %1 IS GREATER
THAN THE VALUE FOR
PARAMETER %2.

22620.3 *** USER WARNING MESSAGE 22620 (NL2NLCNTL)
IN CREEP ANALYSIS, SPECIFIED VALUE FOR PARAMETER %1 IS
GREATER THAN THE VALUE FOR PARAMETER %2.
VALUE FOR %2 IS RESET TO 0.0.

22620.4 *** USER WARNING MESSAGE 22620 (NL2NLCNTL)
IN CREEP ANALYSIS, SPECIFIED VALUE FOR PARAMETER %1 IS
GREATER THAN THE VALUE FOR PARAMETER %2.
VALUE FOR %1 IS RESET TO CRINTS*1.E-3.

22620.5 *** USER WARNING MESSAGE 22620 (NL2NLCNTL)
PARAMETERS %2 AND %1 BOTH CONTROL THE STIFFNESS

UPDATE METHOD. THE LAST VALUE SPECIFIED WILL BE USED FOR THE SOLUTION. PLEASE
USE %1 TO SPECIFY STIFFNESS UPDATE METHOD HENCEFORTH.

22621.0 *** USER WARNING MESSAGE 22621 (NL2NLCNTL)
UNABLE TO FIND SELECTED NLCNTL SET (%1) IN MPT DATA BLOCK.
DEFAULT VALUES FOR NLCNTL PARAMETERS WILL BE USED.

22700.0 *** USER FATAL MESSAGE 22700 (IFP1)
VALID SEQDEP OPTIONS ARE ONLY "YES" AND "NO"

22700.1 *** USER WARNING MESSAGE 22700 (IFP1)
SEQDEP IS NOT SUPPORTED FOR ANY SOLUTION SEQUENCE OTHER THAN SOL 401

22700.2 *** USER WARNING MESSAGE 22700 (IFP1)
SEQDEP=NO IS NOT ALLOWED FOR MULTI-PHYSICS STATICS ANALYSIS

22710.1 *** USER WARNING MESSAGE 22700 (IFP1)
%1 IS ONLY SUPPORTED BY SOL 401

22800.0 *** USER FATAL MESSAGE 22800 (IFP1)
ANALYSIS=MODES CAN NOT BE USED IN FIRST SUBCASE FOR SOL 401

22900.0 *** USER FATAL MESSAGE 22900 (IFP1)
FOR SOL 401, TEMP(INIT) MUST BE SET WHEN TEMP(LOAD) IS SPECIFIED.

22900.1 *** USER FATAL MESSAGE 22900 (IFP1)
FOR SOL 401, TEMP(INIT) MUST BE SET WHEN DTEMP IS SPECIFIED.

22900.2 *** USER FATAL MESSAGE 22900 (IFP1)
THE DTEMP CASE CONTROL CARD MUST BE SET TO -1 WHEN RUNNING COUPLED MULTI-PHYSICS SOLUTION.

22900.3 *** USER FATAL MESSAGE 22900 (IFS1)
NO DTEMP OR DTEMPEX BULK DATA CARDS ARE ALLOWED WHEN RUNNING COUPLED MULTI-PHYSICS SOLUTION.

22900.4 *** USER FATAL MESSAGE 22900 (IFP1)
CASE CONTROL CARD, OSTNINI IS NOT SUPPORTED FOR SOLUTIONS OTHER THAN 401.

22900.5 *** USER FATAL MESSAGE 22900 (IFP1)
CASE CONTROL CARD, INITS IS NOT SUPPORTED FOR SOLUTIONS OTHER THAN 401.

22900.6 *** USER FATAL MESSAGE 22900 (IFP1)
INVALID OPTION WITH INITS; ONLY SUPPORTS BALANCED OR UNBALANCED (DEFAULT).

22900.7 *** USER FATAL MESSAGE 22900 (IFP1)

INVALID OPTION WITH OSTNINI. ALLOWED OPTIONS ARE: GRID (DEFAULT), GAUSS OR BOTH.

22900.8 *** USER FATAL MESSAGE 22900 (IFP1)
THE TYPE FIELD OF AN INITS CARD MUST BE SET TO EITHER STRESS OR STRAIN (NO DEFAULT).

22900.9 *** USER FATAL MESSAGE 22900 (IFP1)
THE LOC FIELD OF AN INITS CARD MUST BE NOE OR GRID (NO DEFAULT).

22900.10 *** USER FATAL MESSAGE 22900 (IFP1)
THE COORDINATE SYSTEM FOR INITS CARD MUST BE SPECIFIED AS EITHER MATERIAL (VALUE -1), OR
BASIC (BLANK OR 0), OR AS AN INTEGER >0 FOR AN USER DEFINED COORDINATE SYSTEM.

22900.11 *** USER FATAL MESSAGE 22900 (IFP1)
INITS CASE STATEMENT ASSIGNED AN INVALID SID OF INITS/INITADD BULK DATA CARD.

22900.12 *** USER FATAL MESSAGE 22900 (IFP1)
CASE CONTROL CARD BOLTRESULTS IS SUPPORTED ONLY WITH SOL 401

22900.13 *** USER FATAL MESSAGE 22900 (IFP1)
THIS SUBCASE HAS A DIFFERENT INITS (SID=%1) SPECIFICATION FROM PREVIOUS SUBCASES (%2).
INITS MUST BE A GLOBAL CASE CONTROL OR ALL SUBCASES MUST SPECIFY SAME INITS.

22910.0 *** USER FATAL MESSAGE 22910.0
UNEXPECTED ERROR ENCOUNTERED IN GP7A FOR UNIT NO %1.
USER INFORMATION: PLEASE CONTACT NASTRAN DEVELOPMENT AND SUPPORT.

22910.1 *** USER FATAL MESSAGE 22910 (GP7A)
NO USERFILE ASSIGNED TO UNIT NO %1.
USER ERROR.

22910.2 *** USER FATAL MESSAGE 22910 (GP7A)
BAD FORM SPECIFICATION FOR UNIT %1.
FORM MUST BE SET TO FORMATTED (ASCII .UNV FILE) OR UNFORMATTED (BINARY .BUN FILE).
USER ERROR.

22910.3 *** USER FATAL MESSAGE 22910 (GP7A2414)
FILE READ ERROR: UNIT %1.
ERROR READING TEMPERATURE RESULT DATASET 2414. FILE MAY BE CORRUPT.

22910.4 *** USER FATAL MESSAGE 22910 (GP7A2414)
UNEXPECTED END OF THE FILE: UNIT %1.
ERROR READING TEMPERATURE RESULT DATASET 2414. FILE

MAY BE CORRUPT.

22910.5 *** USER FATAL MESSAGE 22910 (GP7A2414)
ERROR READING TEMPERATURE DATASET FROM UNIT %1.
INVALID GRID ID ENCOUNTERED WHILE READING DATASET 2414.
FILE MAY BE CORRUPT.

22910.6 *** USER FATAL MESSAGE 22910 (GP7A2414)
ERROR READING TEMPERATURE DATASET 2414 FROM UNIT %1.
EXPECTING SCALAR VLUES FOR NODAL TEMPERATURES:
RECORD 9 FIELD 3 OF DATASET 2414.

22910.7 *** USER FATAL MESSAGE 22910 (GP7ARUNV)
ERROR OPENING USERFILE FOR UNIT %1.
FILE NOT FOUND OR INVALID FILE.

22910.8 *** USER FATAL MESSAGE 22910 (GP7ARUNV)
TIME-DEPENDENT NODAL TEMPERATURES IN UNIT %1 FOR TEMPEX CARD.
EXPECTED TIME-INDEPENDENT TEMPERATURES. USER ERROR.

22910.9 *** USER FATAL MESSAGE 22910 (GP7A)
UNSUPPORTED FORM SPECIFICATION FOR UNIT %1.
USER ERROR.

22910.10 *** USER FATAL MESSAGE 22910 (GP7ARUNV)
NO TIME-DEPENDENT TEMPERATURE DATA (DATASET 2414) FOUND IN UNIT %1.
USER ERROR. INVALID NODAL TEMPERATURE DATA FILE FOR DTEMPEX CARD.

22910.11 *** USER FATAL MESSAGE 22910 (GP7E)
ERROR CREATING ETT TABLE FROM GEOM3 and GEOM5.
USER INFORMATION: PLEASE CONTACT NASTRAN DEVELOPMENT AND SUPPORT.

22910.12 *** USER FATAL MESSAGE 22910 (GP7)
ERROR OCCURRED IN MODULE GP7A WHILE PROCESSING UNIT %1 FOR USER ASSIGNED TEMPERATURES (DTEMPEX OR TEMPEX).

22910.13 *** USER FATAL MESSAGE 22910 (GP7)
INVALID OR UNSUPPORTED CARD TYPE ENCOUNTERED IN GP7 MODULE.
USER INFORMATION: PLEASE CONTACT NASTRAN DEVELOPMENT AND SUPPORT.

22910.14 *** USER FATAL MESSAGE 22910 (LOCDTEMP)
UNEXPECTED ERROR IN ROUTINE LOCDTEMP.
USER INFORMATION: PLEASE CONTACT NASTRAN DEVELOPMENT AND SUPPORT.

22910.15 *** USER FATAL MESSAGE 22910 (LOCDTEMP)
UNSUPPORTED CARD TYPE IN CALL TO LOCDTEMP.

USER INFORMATION: PLEASE CONTACT NASTRAN DEVELOPMENT AND SUPPORT.

22910.16 *** USER FATAL MESSAGE 22910
IN A DECK, A DTEMP AND A DTEMPEX CARD CAN NOT HAVE SAME SID (SID=%1).
USER ERROR.

22910.17 *** USER FATAL MESSAGE 22910
IN A DECK, A TEMPEX CARD CAN NOT HAVE SAME SID AS A TEMP OR A TEMPD CARD (SID=%1).
USER ERROR.

22910.18 *** USER FATAL MESSAGE 22910
INVALID BINARY UNIVERSAL FILE FOR TEMPERATURE INPUT (UNIT=%1).
USER ERROR.

22910.19 *** USER FATAL MESSAGE 22910
THE UNIT FOR TEMPERATURE IN EXTERNAL TEMPERATURE FILE (FOR TEMPEX AND DTEMPEX; UNIT=%1)
DOES NOT MATCH THE UNITSYS PARAM IN BULK DATA DECK.
USER ERROR.

22910.20 *** USER FATAL MESSAGE 22910
NO NODAL TEMPERATURE RESULTS FOUND IN EXTERNAL TEMPERATURE FILE (UNIT=%1)
USER ERROR: PLEASE CHECK THE FILE ASSIGNED TO THE UNIT.

22910.21 *** USER FATAL MESSAGE 22910
EXTERNAL TEMPERATURE FILE (UNIT=%1) FOR THE TEMPEX, %2, HAS TIME-DEPENDENT TEMPERATURES.
USER ERROR: PLEASE CHECK THE FILE ASSIGNED TO THE UNIT.

22910.22 *** USER FATAL MESSAGE 22910
EXTERNAL TEMPERATURE FILE (UNIT=%1) FOR THE DTEMPEX, %2, HAS TIME-UNASSIGNED TEMPERATURES.
USER ERROR: PLEASE CHECK THE FILE ASSIGNED TO THE UNIT.

22910.23 *** USER WARNING MESSAGE 22910
WARNING DTEMPEX %1: THE .BUN/.UNV FILE (UNIT=%2) HAS ONLY ONE TIME-UNASSIGNED TEMPERATURE RESULT DATASET.

22910.24 *** USER FATAL MESSAGE 22910 (GP3E)
TEMPEX AND TEMP CARDS WITH SAME SID (%1) ARE NOT ALLOWED IN A DECK.

22910.25 *** USER FATAL MESSAGE 22910 (TEMPTFAC)
DTEMP CARD WITH SID %1 NOT FOUND IN THE DECK.

22910.26 *** USER FATAL MESSAGE 22910 (TEMPATT)
NODAL TEMPARATURE INTERPOLATION PROBLEM WITH DTEMP %1.

TEMP CARD %2 DOES NOT HAVE NODAL TEMPARATURE SET FOR NODE %3.

22910.27 *** USER FATAL MESSAGE 22910 (TEMPATT)
NODAL TEMPARATURE INTERPOLATION PROBLEM WITH DTEMP %1.
TEMP CARD %2 DOES NOT HAVE TEMPARATURE FOR ALL NODES.

22910.28 *** USER FATAL MESSAGE 22910 (GP7)
INSUFFICIENT MEMORY FOR PROCESSING TEMPERATURE RECORDS.

22910.29 *** USER FATAL MESSAGE 22910 (TEMPATT)
NODAL TEMPARATURE INTERPOLATION PROBLEM WITH DTEMP %1.
INVALID GEOM TABLE SPECIFIED IN TEMPATT FOR TEMP/TEMPEX CARD %1.

22920.0 *** USER FATAL MESSAGE 22920
ERROR OCCURRED WHILE PROCESSING INITIAL STRESS/STRAINS FOR CONSTRUCTING TABLE ESTNLINI.
USER INFORMATION: PLEASE CONTACT NASTRAN DEVELOPMENT AND SUPPORT.

22920.1 *** USER FATAL MESSAGE 22920
INSUFFICIENT MEMORY TO PROCESS INITIAL STRESS/STRAIN FOR ELEMENTS.
USER ERROR.

22920.2 *** USER FATAL MESSAGE 22920 (INITSTR1)
ELEMENT TYPE MISMATCH BETWEEN ESTNL AND BOLD INPUT ELEMENT LIST (ELEMENT TYPE = %1).
USER INFORMATION: PLEASE CONTACT NASTRAN DEVELOPMENT AND SUPPORT.

22920.3 *** USER FATAL MESSAGE 22920 (INITOES)
FATAL ERROR IN MODULE INITOES.
USER INFORMATION: PLEASE CONTACT NASTRAN DEVELOPMENT AND SUPPORT.

22920.4 *** USER FATAL MESSAGE 22920 (INITSNCR1)
FATAL ERROR IN MODULE INITSNCR1.
USER INFORMATION: PLEASE CONTACT NASTRAN DEVELOPMENT AND SUPPORT.

22920.5 *** USER FATAL MESSAGE 22920 (INITOES)
INVALID SET ID FOR INITIAL STRESS/STRAIN OUTPUT (SET ID = %1).

22920.6 *** USER FATAL MESSAGE 22920 (INITOES)
INVALID INITIAL STRESS/STRAIN DATABLOCK.
USER INFORMATION: PLEASE CONTACT NASTRAN

DEVELOPMENT AND SUPPORT.

22920.7 *** USER FATAL MESSAGE 22920 (INITSNCR1)
UNBALANCED INITS (SUBCASE INITS = %1) NOT SUPPORTED IN NXN11.

22920.8 *** USER FATAL MESSAGE 22920 (INITSNCR1)
AN INITS AND INITADD BULK DATA CARD CAN NOT HAVE SAME SID (SID=%1).

22920.9 *** USER WARNING MESSAGE 22920 (INITSNCR1)
NO VALID INITS CARD FROM INITADD BULK DATA CARD (SID=%1) FOR INITIAL STRESS/STRAIN
CALCULATION.

22920.10 *** USER WARNING MESSAGE 22920 (INITSNCR1)
INITADD BULK DATA CARD %1 HAS REPETITIONS IN INITS SID ENTRIES.
REPETITIONS HAVE BEEN IGNORED.

22920.11 *** USER FATAL MESSAGE 22920 (INITSNCR1)
COULD NOT FIND INITS BULK DATA CARD %1 (FOR INITS CASE CONTROL) IN THE DECK.

22920.12 *** USER FATAL MESSAGE 22920 (INITSNCR1)
MULTIPLE INITS DATA SPECIFIED FOR NODE %1 USING INITS %2 AND INITS %3.

22920.13 *** USER FATAL MESSAGE 22920 (INITSNCR1)
MULTIPLE INITS DATA SPECIFIED FOR ELEMENT %1, NODE %2 USING INITS %3 AND INITS %4.

22920.14 *** USER FATAL MESSAGE 22920 (INITSNCR1)
MULTIPLE INITS DATA SPECIFIED FOR ELEMENT %1, GAUSS PT %2 USING INITS %3 AND INITS %4.

22920.15 *** USER FATAL MESSAGE 22920 (INITSNCR1)
MULTIPLE INITS DATA SPECIFIED FOR ELEMENT %1 USING INITS %2 AND INITS %3.

22920.16 *** USER FATAL MESSAGE 22920 (INITSNCR1)
BOTH INITIAL STRESS AS WELL AS INITIAL STRAIN CAN NOT BE SPECIFIED
FOR THE SAME ENTITY (NODE/ELEMENT) %1. INVALID INITS CARDS %2 AND %3.

22920.17 *** USER FATAL MESSAGE 22920 (INITSNCR1)
ON SAME ENTITY (ELEMENT/NODE) %1, INITIAL STRESS/STRAIN CAN NOT BE SPECIFIED
USING A MIXTURE OF LOC=GRID AND NOE (INVALID INITS SID: %2 AND %3).

22920.18 *** USER FATAL MESSAGE 22920 (INITSNCR1)
USER ERROR: INVALID INITIAL STRESS/STRAIN DATA.

22920.19 *** USER FATAL MESSAGE 22920 (INITSNCR1)
INVALID COORDINATE SYSTEM %1 SPECIFIED FOR INITS BULK DATA CARD %2.

22920.20 *** USER FATAL MESSAGE 22920 (INITSNCR1)
MISSING USER DEFINED COORDINATE SYSTEM %1 SPECIFIED ON THE INITIAL STRESS/STRAIN BULK DATA CARD (SID=%2).

22920.21 *** USER FATAL MESSAGE 22920 (INITSNCR1)
ELEMENT ID %1 FROM INITS CARD (SID=%2) NOT FOUND IN ESTNL ELEMENT LIST.

22920.22 *** USER FATAL MESSAGE 22920 (INITSNCR1)
NODE ID %1 FROM INITS CARD (SID=%2) NOT FOUND.

22920.23 *** USER FATAL MESSAGE 22920 (INITSNCR1)
UNDEFINED NODE %1 USED WITH ELEMENT %2 FOR ASSIGNING INITIAL STRESS/STRAIN (INITS SID = %3).

22920.24 *** USER FATAL MESSAGE 22920 (INITSNCR1)
INVALID GRID/GAUSS/BOTH OPTION (VALUE=%1) WITH OSTNINI.

22920.25 *** USER FATAL MESSAGE 22920 (INITSNCR1)
INVALID PRINT/PLOT/PUNCH OPTION (VALUE=%1) WITH OSTNINI.

22920.26 *** FATAL MESSAGE 22920 (INHEXA)
MISMATCH BETWEEN ELEMENT ID FROM EST (%1) AND ONE FROM
INITIAL STRESS/STRAIN DEFINITION (%2). INTERNAL ERROR.

22920.27 *** FATAL MESSAGE 22920 (INHEXA)
SINGULAR MATERIAL MATRIX ENCOUNTERED DURING INITIAL STRESS/STRAIN CALCULATION FOR THE %1 ELEMENT %2.

22920.28 *** FATAL MESSAGE 22920
MISMATCH BETWEEN GRID/GAUSS POINT DATA BETWEEN EST AND INITIAL
STRESS/STRAIN APPENDAGE FOR ELEMENT %1.

22920.29 *** FATAL MESSAGE 22920
A BOLT ELEMENT IS NOT ALLOWED TO HAVE INITIAL STRESS/STRAIN SPECIFICATION (ELEMENT ID %1).

22920.30 *** WARNING: USER ERROR (MESSAGE 22920)
INITIAL STRESS COMPONENT %1 IN THE ELEMENT THICKNESS DIRECTION IS IGNORED FOR ELEMENT %2 AT NODE %3.
INVALID TO SPECIFY FOR A PLANE STRESS ELEMENT.

22920.31 *** FATAL: USER ERROR (MESSAGE 22920)
INVALID INITADD CARD (SID=%1). ALL INITS SPECIFIED WITH INITADD MUST BE OF SAME TYPE; EITHER OF
TYPE STRESS OR STRAIN. INITS SID %2 HAS INCOMPATIBLE TYPE.

22920.32 *** USER WARNING MESSAGE 22920 (INITSNCR1)
INITADD CARD (SID=%1) APPLIED TO INITS HAS DUPLICATE SID OF INITS BULK DATA CARDS.

22920.33 *** USER FATAL MESSAGE 22920 (IFS1P)
INVALID INITS SID (%1) SPECIFIED WITH THE INITADD CARD %2.

22920.34 *** USER FATAL MESSAGE 22920 (INITSNCR)
MISSING INITS CARD WITH SID=%1, USED WITH THE INITADD CARD %2.

22920.35 *** USER FATAL MESSAGE 22920 (INITSN2)
INITIAL STRESS/STRAIN NOT SUPPORTED FOR ELEMENT %1.

22920.36 *** USER FATAL MESSAGE 22920 (INITSN2)
INITIAL STRESS/STRAIN NOT SUPPORTED FOR %1 ELEMENT (ELEMENT ID %2).

22920.37 *** WARNING: USER ERROR (MESSAGE 22920)
INITIAL STRESS COMPONENT %1 IN THE ELEMENT THICKNESS DIRECTION IS IGNORED FOR ELEMENT %2 AT NODE %3.
INVALID TO SPECIFY FOR A CHOCKING ELEMENT WITH POSITIVE INITIAL GAP.

22920.38 *** FATAL: USER ERROR (MESSAGE 22920)
INITS SPECIFIED IN THE CASE CONTROL (SID=%1), COULD NOT BE APPLIED TO ANY ELEMENT IN THE DECK.
POSSIBLY, THE INITS IS SPECIFIED ON INVALID SET OF NODES/ELEMENTS.

23000.0 *** USER FATAL MESSAGE 23000 (IFP1)
ALL TEMP(INIT) IDs MUST BE SAME FOR SOL 401 STATIC SUBCASES

23001.0 *** USER FATAL MESSAGE 23001 (IFP1)
FOR SOL 401, ALL SUPER ELEMENT SUBCASES MUST BE DEFINED PRIOR TO THE FIRST RESIDUAL SUBCASE

23002.0 *** USER FATAL MESSAGE 23002 (IFP1)
FOR SOL 401, THE ID ON THE TSTEP CASE CONTROL CARD MUST BE GREATER THAN ZERO
FOR ALL ANALYSIS=STATIC SUBCASES

23003.0 *** USER FATAL MESSAGE 23003 (IFP1)
FOR SOL 401, BGSET ID MUST BE SPECIFIED GLOBALLY OR EXPLICITLY IN ALL THE
SUBCASES TO THE SAME VALUE

23003.1 *** USER FATAL MESSAGE 23003 (IFP1)
FOR SOL 401, CYCSET ID MUST BE SPECIFIED GLOBALLY OR EXPLICITLY IN ALL THE
SUBCASES TO THE SAME VALUE

23004.0 *** USER FATAL MESSAGE 23004 (IFP)

FOR SOL 401, ONLY LGDISP=1/-1 IS ALLOWED

23004.1 *** USER FATAL MESSAGE 23004 (IFP)
FOR SOL 401, ONLY MATNL=1/-1 IS ALLOWED

23005.0 *** USER FATAL MESSAGE 23005 (IFP)
FOR SOL 401, MPC MUST BE SPECIFIED GLOBALLY OR
EXPLICITLY IN ALL THE
SUBCASES TO THE SAME VALUE

23006.0 *** USER WARNING MESSAGE 23006 (TRLGA)
THE DYNAMIC LOAD TABLE (DLT) IS EMPTY. THE
DLOAD/TLOAD1 BULK DATA ENTRIES
ASSOCIATED WITH THE DLOAD CASE CONTROL ENTRY CANNOT
BE FOUND. THE
ANALYSIS WILL CONTINUE WITHOUT ANY DYNAMIC LOADS.

23007.0 *** USER FATAL MESSAGE 23007 (IFS1P)
THE GROUP ID IN RFORCE1 CARD %1 MUST BE GREATER THAN 0

23007.1 *** USER FATAL MESSAGE 23007 (IFS1P)
GYROP ON RFORCE2 CARD %1 MUST BE 0, 1 OR 2

23008.0 *** USER FATAL MESSAGE 23008 (IFP1)
RIGID = LAGRANGE IS NOT ALLOWED FOR SOL 401

23009.0 *** USER WARNING MESSAGE 23009 (OPRESSDB)
FILE %1 NOT FOUND

23009.1 *** USER FATAL MESSAGE 23009 (IFP1)
FATAL ERROR: OPRESS CASE CONTROL CARD CAN ONLY BE SET
TO ALL OR NONE.

23010.0 *** USER WARNING MESSAGE 23010 (OPRESSDB)
UNEXPECTED EOF FOUND FOR FILE %1

23011.0 *** USER WARNING MESSAGE 23011 (OPRESSDB)
INSUFFICIENT MEMORY FOR OPRESS DATABLOCK CREATION

23012.0 *** USER FATAL MESSAGE 23012 (IFP1)
FOR SOL 401, BCSET ID MUST BE SPECIFIED GLOBALLY OR
EXPLICITLY IN ALL THE
SUBCASES TO THE SAME VALUE

23013.0 *** USER FATAL MESSAGE 23013 (IFP1)
FOR SOL 401, BOTH DLOAD AND LOAD ID MUST BE SET TO ZERO
FOR BOLT LOAD SUBCASE

23013.1 *** USER FATAL MESSAGE 23013 (IFP1)
FOR SOL 401, WHEN GLOBAL LOAD OR DLOAD ARE SPECIFIED
THE CORRESPONDING LOAD OR DLOAD
SHOULD BE ZERO FOR BOLT LOAD SUBCASE

23014.0 *** USER FATAL MESSAGE 23014 (RBBARD)
RBAR %1 IS MISSING COMPONENT NUMBERS FOR INDEPENDENT
DEGREES-OF-FREEDOM. ONLY RIGID=STIFF

AND RIGID=AUTO WITH LGDISP=1 OPTIONS ALLOW BLANK ENTRIES FOR THESE FIELDS

23015.0 *** USER FATAL MESSAGE 23015 (RBE2D)
RBE2 %1 IS MISSING COMPONENT NUMBERS FOR DEPENDENT DEGREES-OF-FREEDOM. ONLY RIGID=STIFF
AND RIGID=AUTO WITH LGDISP=1 OPTIONS ALLOW BLANK ENTRY FOR THE FIELD

23100.0 *** USER FATAL MESSAGE 23100 (IFP1)
OUTPUT(PLOT) AND OUTPUT(XYPLOT) CARDS ARE NOT ALLOWED FOR SOL 401

23100.1 *** USER WARNING MESSAGE 23100 (IFP1)
ALL OUTPUT(PLOT) AND OUTPUT(XYPLOT) CARDS WILL BE IGNORED FOR SOL 401

23101.0 *** USER WARNING MESSAGE 23101 (TABLD)
OUT OF RANGE INPUT FOR TABLE INTERPOLATION. TABLE ID = %1
FOR X = %2
NO EXTRAPOLATION IS DONE

23101.1 *** USER WARNING MESSAGE 23101 (TABLD)
OUT OF RANGE INPUT FOR TABLE INTERPOLATION. TABLE ID = %1
FOR X = %2
EXTRAPOLATION IS DONE

23102.0 *** USER FATAL MESSAGE 23102 (NLTRD3)
END TIME FOR SUBCASE %2 (%4) IS LESS THAN END TIME FOR PREVIOUS SUBCASE %1 (%3). PLEASE MAKE SURE THAT THE END TIME
FOR A SUBCASE IS GREATER THAN OR EQUAL TO THE END TIME OF PREVIOUS SUBCASE, FOR SEQDEP=YES.

23102.1 *** USER FATAL MESSAGE 23102 (NLTRD3)
THE START TIME AND THE END TIME OF %4 FOR SUBCASE %2 ARE NOT IDENTICAL. BOLT LOAD SUBCASES MUST HAVE IDENTICAL START AND
END TIMES.

23102.2 *** USER FATAL MESSAGE 23102 (NLTRD3)
BOLT PRELOAD SUBCASES ARE PERMITTED ONLY IF ANALYSIS='PRELOAD' IS DEFINED IN THE CASE CONTROL SECTION FOR THE SUBCASE.

23102.3 *** USER FATAL MESSAGE 23102 (NLTRD3)
ANALYSIS='STATICS' IS PERMITTED FOR A CONSTANT TIME SUBCASE ONLY IF THE END TIME OF THE SUBCASE IS ZERO.

23103.0 *** USER FATAL MESSAGE 23103 (IFS14P)
INPUT VALUE FOR NLCNTL PARAMETER %1%2 IS AN INCORRECT

DATA TYPE.

23103.1 *** USER FATAL MESSAGE 23103 (IFS14P)
OUT OF RANGE INPUT VALUE FOR NLCNTL PARAMETER %1%2.

23104.0 *** USER FATAL MESSAGE 23104 (IFS3P)
TLOAD1 CARD ONLY SUPPORTS TYPE 0(LOAD) AND
1(DISPLACEMENT) FOR SOLUTION 401.

23105.0 *** USER FATAL MESSAGE (MTX267Z, MTX268Z)
ELEMENT ID =%1 HAS EXCEEDED THE 100-LAYER LIMIT.

23106.0 *** USER FATAL MESSAGE 23106 (NLTRD3)
THE SOLUTION FAILED TO CONVERGE WHEN SOLVING FOR TIME = %1. PARTIAL RESULTS (DISPLACEMENT AND OLOAD - IF REQUESTED)
CORRESPOND TO THE LAST ITERATED SOLUTION RESULTS AT TIME %2.

23106.1 *** USER FATAL MESSAGE 23106 (NLTRD3)
THE SOLUTION FAILED TO CONVERGE WHEN SOLVING FOR TIME = %1. RESULTS CORRESPONDING TO THE LAST CONVERGED SOLUTION
TIME OF %2 WILL BE OUTPUT.

23107.0 *** USER FATAL MESSAGE 23106 (IFP1)
RESTART IS NOT ALLOWED WHEN BOLT LOADS ARE PRESENT IN A SUBCASE

23107.1 *** USER FATAL MESSAGE 23107 (IFP1)
RESTART IS NOT ALLOWED WHEN BCSET IS PRESENT IN A SUBCASE

23108.0 *** USER FATAL MESSAGE 23108 (RFRCCHK)
NOT ENOUGH MEMORY AVAILABLE TO CONTINUE

23109.0 *** USER FATAL MESSAGE 23109 (RFRCCHK)
DATA BLOCK %1 DOES NOT EXIST

23110.0 *** USER WARNING MESSAGE 23110 (RFRCCHK)
FOR RAMPING OF TIME UNASSIGNED RFROCE AND RFORCE1 LOAD, EACH
GRID ID SHOULD BE ASSOICATED WITH ONLY ONE RPM LOAD IN A SUBCASE.
IF A RFORCE LOAD EXISTS, NO OTHER RFORCE/RFORCE1 LOAD CAN BE
APPLIED IN THAT SUBCASE AS A TIME UNASSIGNED LOAD. IF MULTIPLE
RFORCE1 LOAD EXIST, ALL THE GROUPS SHOULD HAVE MUTUALLY EXCLUSIVE
GRID IDS.
NASTRAN FOUND VIOLATION OF THIS RULE. THE SOLUTION WILL CONTINUE BUT

CORRECT RAMPING OF THE ROTATIONAL LOADS ARE NOT GUARANTEED. PLEASE
REFER TO THE USER GUIDE FOR DETAILS.

23110.1 *** USER WARNING MESSAGE 23110 (RFRCCHK)
FOR RAMPING OF TIME UNASSIGNED RFROCE AND RFORCE1 LOAD, THE ORIGIN
OF RFORCE/RFORCE1 AND THE DIRECTION VECTOR ASSOCIATED WITH EACH
GRID ID SHOULD BE CONSISTENT THROUGH OUT ALL THE SUBCASES.
NASTRAN FOUND VIOLATION OF THIS RULE. THE SOLUTION WILL CONTINUE BUT
CORRECT RAMPING OF THE ROTATIONAL LOADS ARE NOT GUARANTEED. PLEASE
REFER TO THE USER GUIDE FOR DETAILS.

23200.0 *** USER FATAL MESSAGE 23200 (NLCPRM)
IN DMAP MODULE NLCPRM, INCORRECT PARAMETER NAME WAS REQUESTED IN SLOT 2 OF THE PARAMETERS LIST.

23201.0 *** USER WARNING MESSAGE 23201 (TA1NLE)
CBEAM ELEMENT %1 DOES NOT SUPPORT ANY NONLINEAR MATERIAL OTHER THAN ELASTIC-PERFECTLY PLASTIC
LINEAR MATERIAL WILL BE USED INSTEAD

23202.0 *** USER FATAL MESSAGE 23202 (IFS4P)
FOR SOL 401, IN MATS1 BULK DATA CARD, TYPE=NLELAST IS NOT SUPPORTED. MID IS %1

23202.1 *** USER FATAL MESSAGE 23202 (IFS4P)
FOR SOL 401, IN MATS1 BULK DATA CARD, ONLY YF=1 IS SUPPORTED. MID IS %1

23202.2 *** USER FATAL MESSAGE 23202 (IFS5P)
FOR SOL 401, IN CREEP BULK DATA CARD, FORM=TABLE IS NOT SUPPORTED. MID IS %1

23202.3 *** USER FATAL MESSAGE 23202 (IFS5P)
FOR SOL 401, IN CREEP BULK DATA CARD, ONLY TYPE=300 IS SUPPORTED. MID IS %1

23202.4 *** USER FATAL MESSAGE 23202 (IFS15P)
BULK DATA CARD, CCHOCK3 IS NOT SUPPORTED FOR SOLUTIONS OTHER THAN 401.

23202.5 *** USER FATAL MESSAGE 23202 (IFS15P)
BULK DATA CARD, CCHOCK4 IS NOT SUPPORTED FOR SOLUTIONS OTHER THAN 401.

23202.6 *** USER FATAL MESSAGE 23202 (IFS15P)
BULK DATA CARD, CCHOCK6 IS NOT SUPPORTED FOR SOLUTIONS OTHER THAN 401.

23202.7 *** USER FATAL MESSAGE 23202 (IFS15P)
BULK DATA CARD, CCHOCK8 IS NOT SUPPORTED FOR SOLUTIONS OTHER THAN 401.

23202.8 *** USER FATAL MESSAGE 23202 (IFS15P)
BULK DATA CARD, CHEXCZ IS NOT SUPPORTED FOR SOLUTIONS OTHER THAN 401.

23202.9 *** USER FATAL MESSAGE 23202 (IFS15P)
BULK DATA CARD, CPENTCZ IS NOT SUPPORTED FOR SOLUTIONS OTHER THAN 401.

23203.0 *** USER FATAL MESSAGE 23203 (NLSPLAS)
PLASTICITY ALGORITHM DID NOT CONVERGE FOR ELEMENT %1

23203.1 *** USER FATAL MESSAGE 23203 (NMCREP)
COMPUTED CREEP STRAIN RATE IS LARGER THAN 1.0E38 FOR ELEMENT %1
User information:
Creep laws are unit dependent. Creep parameters could get into overflow condition if inconsistent units are used (e.g., lb and ksi). Check structural units (length, force, stress, time, etc.). Reduce the time step (t).

23203.2 *** USER FATAL MESSAGE 23203 (NMCREP)
CALCULATED CREEP TIME STEP LESS THAN MINIMUM ALLOWED VALUE FOR ELEMENT %1
User information:
Modify time stepping criteria or reduce minimum time step allowed and restart solution.

23204.0 *** SYSTEM INFORMATION MESSAGE 23204 (NL2INT2)
THE ADDITIONAL MEMORY ESTIMATE IS %1 WORDS TO PROCESS GRID POINT
FORCE BALANCE
System information:
For nonlinear problems (either statics or transient) there was insufficient open core space to process the problem. This attempts to estimate the additional memory requirements in machine words and supply an alternative approach to allow the user to reduce his problem size. Either supply more machine memory or reduce the problem size.

23205.0 *** USER FATAL MESSAGE 23205 (IFS15P)
THE MAGNITUDE OF THE Q VECTOR MUST BE GREATER THAN ZERO.

23206.0 *** USER WARNING MESSAGE 23206 (PREMAT)
TABLEST IS REFERENCED BY MATS1 ENTRY WITH NO CORRESPONDING MATTI. MID IS %1

23207.0 *** USER FATAL MESSAGE 23207 (PREMAT)

IN MATCRP BULK DATA CARD, ONLY TABLEM1 IS SUPPORTED
FOR TEMPERATURE DEPENDENT COEFFICIENTS. MID IS %1

23208.0 *** USER FATAL MESSAGE 23208 (PREMAT)
FOR SOL 106 OR 129, IN MATS1 BULK DATA CARD, ONLY
TYPE=NLELAST CAN REFERENCE TABLEST. MID IS %1

23209.0 *** USER FATAL MESSAGE 23209 (IFPDRV)
DLL FOR USER MATERIAL LIBRARY CANNOT BE FOUND

23209.1 *** USER FATAL MESSAGE 23209 (IFPDRV)
THE USER MATERIAL LIBRARY WAS NOT CORRECTLY SPECIFIED
BECAUSE THE NX NASTRAN STUB WAS LOADED

23209.2 *** USER FATAL MESSAGE 23209 (MAT3D)
ERROR ENCOUNTERED IN USER MATERIAL LIBRARY
ERROR CODE: %1

23209.3 *** USER WARNING MESSAGE 23209 (IFS15P)
THE MUMAT/MUMATC %1 CARD CONTAINS A NON-BLANK
VALUE %2 AFTER A BLANK.
IT WILL BE IGNORED.

23209.4 *** USER WARNING MESSAGE 23209 (IFS15P)
THE MUMAT/MUMATC %1 CARD CONTAINS A NON-INTEGER
VALUE %2
FOR A TABLE ID.

23209.5 *** USER WARNING MESSAGE 23209 (IFS15P)
THE MUMAT/MUMATC %1 CARD CONTAINS A NEGATIVE
INTEGER VALUE %2
FOR A TABLE ID.

23209.6 *** USER INFORMAION MESSAGE 23209 (IFPDRV)
VERSION %1 OF NXUMAT DLL LOADED.

23209.7 *** USER FATAL MESSAGE 23209 (TA1NLE)
MUMAT CARD HAS SAME MATERIAL ID AS MATS1/MATCRP CARD

23209.8 *** USER FATAL MESSAGE 23209 (TA1NLE)
MUMATC CARD HAS SAME MATERIAL ID AS MATCRP CARD

23209.9 *** USER FATAL MESSAGE 23209 (IFPDRV)
MUMAT/MUMATC IS ONLY SUPPORTED FOR SOL 401

23209.10 *** USER FATAL MESSAGE 23209 (IFPDRV)
NASTRAN LP DOES NOT SUPPORT MUMAT/MUMATC CARDS.

23210.0 *** USER FATAL MESSAGE 23210 (IFS1P)
TSTEP1 CARDS WITH END TIME OF 0.0 CAN NOT CONTAIN OTHER
END TIMES

23211.0 *** USER FATAL MESSAGE 23211 (IFS3P)
LAYERED COMPOSITE SOLID ELEMENTS CANNOT BE USED IN
MULTIPHYSICS

23212.0 *** USER WARNING MESSAGE 23212 (IFP1)
NEITHER TEMP(LOAD) NOR DTEMP WAS FOUND IN SOME SUBCASES WHILE A GLOBAL TEMP(INIT) WAS DECLARED TEMP(LOAD) IS SET TO TEMP(INIT) IN THOSE SUBCASES

23212.1 *** USER FATAL MESSAGE 23212 (IFP1)
FOR SOL401, BCSET IS NOT ALLOWED IN THE FIRST SUBCASE WHEN ANALYSIS = MODES/CYCMODES/FOURIER OR IN A SUBCASE WHERE SEQDEP = NO AND ANALYSIS = MODES/CYCMODES/FOURIER

23212.2 *** USER FATAL MESSAGE 23212 (IFP1)
GLOBAL TEMP(LOAD) AND GLOBAL DTEMP CANNOT BOTH BE DEFINED

23212.3 *** USER WARNING MESSAGE 23212 (IFP1)
DTEMP AND TEMP(LOAD) WERE ENCOUNTERED IN THE SAME SUBCASE, THE LAST ONE ENCOUNTERED WILL TAKE PRECEDENCE AND OTHER ONE WILL BE SET TO ZERO.

23212.4 *** USER FATAL MESSAGE 23212 (IFP1)
TEMP(INIT) NOT SPECIFIED FOR MULTIPHYSICS

23212.5 *** USER FATAL MESSAGE 23212 (IFP1)
GLOBAL VALUE FOR BOLTLD NOT ALLOWED

23212.6 *** USER FATAL MESSAGE 23212 (IFP1)
FOR SOL 401, BOLTLD CASE CONTROL CARD IS NOT ALLOWED IN A STATIC OR MODAL SUBCASE. BOLTLD CAN ONLY BE SPECIFIED IN A PRELOAD SUBCASE.

23212.7 *** USER FATAL MESSAGE 23212 (IFP1)
FOR SOL 401, A BOLTLD CASE CONTROL CARD CAN NOT BE SPECIFIED IN MULTIPLE STATIC SUBCASES. IT CAN ONLY BE SPECIFIED IN ONE STATIC SUBCASE.

23212.9 *** USER WARNING MESSAGE 23212 (IFP1)
FOR SOL 401, DTEMP IS NOT ALLOWED IN ANALYSIS = MODES. DTEMP IN SUBCASE %1 WILL BE IGNORED.

23212.10 *** USER WARNING MESSAGE 23212 (IFP1)
FOR SOL 401, DTEMP IS NOT ALLOWED IN ANALYSIS = MODES. DTEMP IN SUBCASE %1 WILL BE IGNORED.
GLOBAL TEMP(LOAD) IS FOUND AND WILL BE USED FOR THIS SUBCASE.

23212.11 *** USER WARNING MESSAGE 23212 (IFP1)
FOR SOL 401, DTEMP IS NOT ALLOWED IN ANALYSIS = MODES. DTEMP IN SUBCASE %1 WILL BE IGNORED.
TEMP(LOAD) WILL BE SET TO TEMP(INIT) AND WILL BE USED FOR THIS SUBCASE.

23212.12 *** USER WARNING MESSAGE 23212 (IFP1)
FOR SOL 401, IN ANALYSIS = MODES, AS SEQDEP =

YES,TEMP(LOAD) WILL BE IGNORED FOR SUBCASE %1

23213.0 *** USER FATAL MESSAGE 23213 (NL2INT2)
FOR SOL 401, TEMP(INIT) MUST BE SET WHEN TEMPERATURE DEPENDENT MATERIAL IS SPECIFIED. MID IS %1

23214.0 *** USER FATAL MESSAGE 21214 (NLEMG2)
J INTEGRAL CALCULATION IS ONLY AVAILABLE FOR CHEXA AND COLAPSED CHEXA ELEMENT.

23215.0 *** USER WARNING MESSAGE 23215 (NL2INT2)
FOR SOL 401, INITIAL STIFFNESS METHOD IS NOT VALID IN THE CONTEXT OF A CONTACT SOLUTION. STIFFNESS UPDATE METHOD SWITCHED TO DEFAULT AUTOMATIC STIFFNESS UPDATE METHOD.

23216.0 *** USER FATAL MESSAGE 23216 (STF334Z)
THE LOCAL DISPLACEMENT COORDINATE SYSTEM ONLY CAN ROTATE AROUND Y (OR Z) DIRECTION OF BASIS COORDINTE SYSTEM IF GENERALIZED PLANE STRAIN ELEMENTS ARE DEFINED ON X-Z (OR X-Y)PLANE.
PLEASE CHECK THE LOCAL COORDINATE SYSTEM %1 FOR CONTROL GRID POINT ON PGPLSN CARD WITH PID = %2.

23217.0 *** USER FATAL MESSAGE 23217 (IFS5P)
FOR SOL 401, BOLT BULK DATA ENTRY ETYPE %1 IS NOT ALLOWED. ONLY ETYPE=3 IS SUPPORTED WITH SOL 401.

23217.1 *** USER FATAL MESSAGE 23217 (IFS5P)
FOR SOL 401, BOLT BULK DATA ENTRY IDIR MUST BE SPECIFIED WHEN ETYPE=3.

23217.2 *** USER FATAL MESSAGE 23217 (IFS5P)
FOR SOL 401, BOLT BULK DATA ENTRY GRID ID MUST BE GREATER THAN 0 WHEN ETYPE=3.

23218.0 *** USER FATAL MESSAGE 23218 (ANSTR1B)
INSUFFICIENT MEMORY AVAILABLE FOR MODULE ANSTR1.
INCREASE THE MEMORY LIMIT BY %1 WORDS.

23219.0 *** USER FATAL MESSAGE 23219 (PREMAT)
NOT ENOUGH VALUES IN THE MUMAT/MUMATC DATABLOCK.
I WAS EXPECTING AT LEAST 10 VALUES AND FOUND %1

23219.1 *** USER FATAL MESSAGE 23219 (PREMAT)
WRONG VALUE IN THE MUMAT/MUMATC DATABLOCK.
I WAS EXPECTING THE END-OF-RECORD VALUE -1 AND FOUND THE FOLLOWING VALUE: %1

23220.0 *** SYSTEM FATAL MESSAGE 23220 (GPAC)
THE EXTENDED ACOUSTIC FORMULATION LIBRARY CANNOT BE LOADED.

23220.1 *** SYSTEM FATAL MESSAGE 23220 (GPAC)

SETTIING THE TEMPORARY DIRECTORY FOR THE EXTENDED ACOUSTIC FORMULATION LIBRARY HAS A PROBLEM.

23220.2 *** SYSTEM FATAL MESSAGE 23220 (GPAC)
READING THE ELEMENT, GRID OR AML INFORMATION FOR THE EXTENDED ACOUSTIC FORMULATION HAS A PROBLEM.

23220.3 *** SYSTEM FATAL MESSAGE 23220 (GPAC)
PREPARING MODEL FOR THE EXTENDED ACOUSTIC FORMULATION LIBRARY HAS A PROBLEM.

23220.4 *** SYSTEM FATAL MESSAGE 23220 (GPAC)
ASSIGNING DEGREE OF FREDOM FOR THE EXTENDED ACOUSTIC FORMULATION LIBRARY HAS A PROBLEM.

23220.5 *** SYSTEM FATAL MESSAGE 23220 (GPAC)
UPDATING THE DATA BLOCK FOR AML EXTRA DEGREE OF FREEDOMS HAS A PROBLEM.

23220.6 *** SYSTEM FATAL MESSAGE 23220 (GPAC)
CREATING MATRIX PROFILE FOR THE EXTENDED ACOUSTIC FORMULATION LIBRARY HAS A PROBLEM.

23220.7 *** SYSTEM FATAL MESSAGE 23220 (GPAC)
CREATING ELEMENTAL MATRIX FOR THE EXTENDED ACOUSTIC FORMULATION LIBRARY HAS A PROBLEM.

23220.8 *** SYSTEM FATAL MESSAGE 23220 (GPAC)
PREPARING FREQUENCY LOOP FOR THE EXTENDED ACOUSTIC FORMULATION LIBRARY HAS A PROBLEM.

23220.9 *** USER FATAL MESSAGE 23220 (GPAC)
THERE IS NO BSURFS BULK DATA SID =%1 FOUND, WHICH IS REFERENCED BY AMLREG BULK DATA.

23220.10 *** USER FATAL MESSAGE 23220 (GPAC)
PROCESSING AML DATA HAS A PROBLEM.

23220.11 *** USER FATAL MESSAGE 23220 (GPAC)
THERE IS NO TABLE BULK DATA FOUND, WHICH IS REFERENCED BY MAT10 BULK DATA.

23220.12 *** SYSTEM FATAL MESSAGE 23220 (GPAC)
PROCESSING MATERIAL TABLE BULK DATA HAS A PROBLEM.

23220.13 *** USER FATAL MESSAGE 23220 (GPAC)
THE EXTENDED ACOUSTIC FORMULATION LIBRARY DOES NOT SUPPORT MISSING EDGE POINT. PLEASE CHECK THE MODEL.

23220.14 *** USER FATAL MESSAGE 23220 (GPAC)
THEIR IS NO FLUID ELEMENT IN THE MODEL.

23220.15 *** SYSTEM FATAL MESSAGE 23220 (GPAC)
THERE IS A PROBLEM TO PROCESS THE ELEMENT DATA.

23220.16 *** SYSTEM FATAL MESSAGE 23220 (GPAC)

THERE IS A PROBLEM TO PROCESS THE MICROPHONE DATA.

23220.17 *** USER FATAL MESSAGE 23220 (GPAC)
THERE IS NO PSOLID BULK DATA FOUND.

23220.18 *** USER FATAL MESSAGE 23220 (GPAC)
THERE IS NO GRID BULK DATA FOUND.

23220.19 *** USER FATAL MESSAGE 23220 (GPAC)
THERE IS NO FLUID GRID FOUND.

23220.20 *** SYSTEM FATAL MESSAGE 23220 (GPAC)
THERE IS A PROBLEM TO PROCESS THE GRID DATA.

23220.21 *** USER FATAL MESSAGE 23220 (GPAC)
THERE IS NO MAT10 OR MATPOR BULK DATA FOUND.

23220.22 *** SYSTEM FATAL MESSAGE 23220 (GPAC)
THERE IS A PROBLEM TO PROCESS THE MATERIAL DATA.

23220.23 *** USER FATAL MESSAGE 23220 (GPAC)
THERE IS NO IPLANE BULK DATA FOUND, THOUGH IPLANE CID = %1 IS REFERENCED BY AMLREG BULK DATA.

23220.24 *** USER FATAL MESSAGE 23220 (GPAC)
THERE IS NO IPLANE CID = %1 FOUND, WHICH IS REFERENCED BY AMLREG BULK DATA.

23220.25 *** SYSTEM FATAL MESSAGE 23220 (GPAC)
THERE IS A PROBLEM TO PROCESS THE IPLANE DATA.

23220.26 *** SYSTEM FATAL MESSAGE 23220 (GPAC)
THERE IS A PROBLEM TO PROCESS SIL.

23220.27 *** SYSTEM FATAL MESSAGE 23220 (GPAC)
THERE IS A PROBLEM TO UPDATE VGF FOR AML EXTRA DEGREE OF FREEDOMS.

23220.28 *** SYSTEM FATAL MESSAGE 23220 (GPAC)
THERE IS A PROBLEM TO UPDATE BGPDT FOR AML EXTRA DEGREE OF FREEDOMS.

23220.29 *** SYSTEM FATAL MESSAGE 23220 (GPAC)
THERE IS A PROBLEM TO UPDATE SIL FOR AML EXTRA DEGREE OF FREEDOMS.

23220.30 *** SYSTEM FATAL MESSAGE 23220 (GPAC)
THERE IS A PROBLEM TO UPDATE EQEXIN FOR AML EXTRA DEGREE OF FREEDOMS.

23220.31 *** SYSTEM FATAL MESSAGE 23220 (GPAC)
THERE IS A PROBLEM TO UPDATE GPDT FOR AML EXTRA DEGREE OF FREEDOMS.

23220.32 *** SYSTEM FATAL MESSAGE 23220 (GPAC)
THERE IS A PROBLEM TO UPDATE GPL FOR AML EXTRA DEGREE OF FREEDOMS.

23220.33 *** USER FATAL MESSAGE 23220 (GPAC)
MATPOR BULK DATA OR MAT10 BULK DATA WITH TABLE SPECIFIED IS NOT ALLOWED
WHEN THE FLUID SUPERELEMENT(ID = %1) IS DEFINED. IT IS ONLY ALLOWED ON THE RESIDUAL STRUCTURE.

23220.34 *** USER FATAL MESSAGE 23220 (GPAC)
AMLREG BULK DATA IS NOT ALLOWED WHEN THE FLUID SUPERELEMENT(ID = %1) IS DEFINED.
IT IS ONLY ALLOWED ON THE RESIDUAL STRUCTURE.

23220.35 *** USER FATAL MESSAGE 23220 (GPAC)
THE EXTENDED ACOUSTIC LIBRARY HAS A PROBLEM. PLEASE CHECK THE .LOG FILE FOR FURTHER INFORMATION.

23220.36 *** USER FATAL MESSAGE 23220 (GPAC)
THERE IS AN ERROR IN AML FACE DEFINITION.
PLEASE CHECK IF BSURFS BULK DATA REFERENCED BY AMLREG IS DEFINED ON
EXTERNAL FLUID ELEMENTS AND CHECK THE .LOG FILE FOR FURTHER INFORMATION.

23220.37 *** USER FATAL MESSAGE 23220 (GPAC)
TWO OR MORE INFINITE PLANES ARE DEFINED ON THE SAME AXIS. PLEASE CHECK THE IPLANE BULK DATA.
PLEASE ALSO CHECK THE .LOG FILE FOR FURTHER INFORMATION.

23220.38 *** USER FATAL MESSAGE 23220 (GPAC)
THE INFINITE PLANES ARE NOT AXIS ALIGNED. PLEASE CHECK THE IPLANE BULK DATA
AND ALSO THE .LOG FILE FOR FURTHER INFORMATION.

23220.39 *** USER FATAL MESSAGE 23220 (GPAC)
THE NUMBER OF FLUID GRIDS IS INCORRECT.
PLEASE CHECK THE .LOG FILE FOR FURTHER INFORMATION.

23220.40 *** USER FATAL MESSAGE 23220 (GPAC)
THE PID SPECIFIED IN PMIC BULK DATA MUST BE UNIQUE WITH RESPECT TO ALL OTHER
PROPERTY ENTRIES (PSOLID, PSHELL, PROD, PCOMP, PCOMPG, PCOMPS, PLSOLID, PLPLANE).

23221.0 *** USER FATAL MESSAGE 23221 (EMAAC)
SETTING MEMORY FOR THE EXTENDED ACOUSTIC FORMULATION HAS A PROBLEM.

23221.1 *** USER FATAL MESSAGE 23221 (EMAAC)
GENERATING THE GLOBAL MATRIX FOR THE EXTENDED ACOUSTIC FORMULATION HAS A PROBLEM.

23221.2 *** USER FATAL MESSAGE 23221 (EMAAC)
THE NUMBER OF EQUATIONS IS INCORRECT. PLEASE CHECK THE

.LOG FILE FOR FURTHER INFORMATION.

23221.3 *** USER FATAL MESSAGE 23221 (EMAAC)
THE NUMBER OF NON-ZERO TERMS IN THE MATRICES IS INCORRECT. PLEASE CHECK THE .LOG FILE FOR FURTHER INFORMATION.

23222.0 *** USER WARNING MESSAGE 23222 (MPPOST)
SET %1 REFERENCED BY ACPOWER(AMLREG) IN SUBCASE %2 NOT FOUND

23222.1 *** USER WARNING MESSAGE 23222 (MPPOST)
NO AMLREG BULK DATA FOUND;
NO ACPOWER OUTPUT FOR AMLREG WILL BE GENERATED FOR SUBCASE %1

23222.2 *** USER WARNING MESSAGE 23222 (MPPOST)
NO GROUP BULK DATA FOUND;
NO ACPOWER OUTPUT FOR GROUPS WILL BE GENERATED FOR SUBCASE %1

23222.3 *** USER WARNING MESSAGE 23222 (MPPOST)
NO MICROPHONE POINTS FOUND FOR MPPRESSURE OUTPUT REQUEST IN SUBCASE %1

23222.4 *** USER WARNING MESSAGE 23222 (MPPOST)
NO MICROPHONE POINTS FOUND FOR ACVELOCITY OUTPUT REQUEST IN SUBCASE %1

23222.5 *** USER WARNING MESSAGE 23222 (MPPOST)
NO MICROPHONE POINTS FOUND FOR ACINTENSITY OUTPUT REQUEST IN SUBCASE %1

23222.6 *** USER WARNING MESSAGE 23222 (MPPOST)
SET %1 REFERENCED BY MPPRESSURE IN SUBCASE %2 NOT FOUND

23222.7 *** USER WARNING MESSAGE 23222 (MPPOST)
SET %1 REFERENCED BY ACVELOCITY IN SUBCASE %2 NOT FOUND

23222.8 *** USER WARNING MESSAGE 23222 (MPPOST)
SET %1 REFERENCED BY ACINTENSITY IN SUBCASE %2 NOT FOUND

23222.9 *** USER WARNING MESSAGE 23222 (MPPOST)
SET %1 REFERENCED BY MPPRESSURE IN SUBCASE %2 CONTAINS NO MICROPHONE POINTS

23222.10 *** USER WARNING MESSAGE 23222 (MPPOST)
SET %1 REFERENCED BY ACVELOCITY IN SUBCASE %2 CONTAINS NO MICROPHONE POINTS

23222.11 *** USER WARNING MESSAGE 23222 (MPPOST)
SET %1 REFERENCED BY ACINTENSITY IN SUBCASE %2

CONTAINS NO MICROPHONE POINTS

23222.12 *** SYSTEM FATAL MESSAGE 23222 (MPPOST)
FAILURE SETTING UP RESULTS REQUEST FOR EXTENDED ACOUSTICS.
USER ACTION: SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

23222.13 *** SYSTEM FATAL MESSAGE 23222 (MPPOST)
FAILURE PROCESSING RESULTS REQUEST FOR EXTENDED ACOUSTICS.
USER ACTION: SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

23222.14 *** SYSTEM FATAL MESSAGE 23222 (MPPOST)
FAILURE RETRIEVING RESULTS REQUEST FOR EXTENDED ACOUSTICS.
USER ACTION: SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

23222.15 *** USER WARNING MESSAGE 23222 (MPPOST)
SET %1 REFERENCED BY ACPOWER(GROUP) IN SUBCASE %2 NOT FOUND

23222.16 *** USER WARNING MESSAGE 23222 (MPPOST)
SET %1 REFERENCED BY ACPOWER(AMLREG) IN SUBCASE %2 CONTAINS NO RID'S OF AMLREG BULK DATA ENTRIES

23222.17 *** USER WARNING MESSAGE 23222 (MPPOST)
SET %1 REFERENCED BY ACPOWER(GROUP) IN SUBCASE %2 CONTAINS NO ID'S OF GROUP BULK DATA ENTRIES

23222.18 *** USER WARNING MESSAGE 23222 (MPPOST)
UNABLE TO PROCESS GROUP %1 FOR ACPOWER; INSUFFICIENT MEMORY

23222.19 *** SYSTEM FATAL MESSAGE 23222 (MPPOST)
INSUFFICIENT MEMORY TO PROCESS ACOUSTIC RESULTS

23222.20 *** SYSTEM FATAL MESSAGE 23222 (MPPARV)
FAILURE RETRIEVING RESULTS PROFILE FOR EXTENDED ACOUSTICS.
USER ACTION: SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

23222.21 *** SYSTEM FATAL MESSAGE 23222 (MPPOST)
THE REQUEST TYPE OF RESULTS IS INCORRECT. PLEASE CHECK THE .LOG FILE FOR FURTHER INFORMATION.
USER ACTION: SEND RUN TO SIEMENS PLM SOFTWARE CUSTOMER SUPPORT.

23223.0 *** USER FATAL MESSAGE 23223 (MTX334Z)
NEGATIVE VALUE IS GENERATED FROM TABLE %1 FOR TIME VARYING ADDITIVE STIFFNESS.

23224.0 *** USER FATAL MESSAGE 23224,
HOUTPUT CARD IS REQUIRED IN CASE CONTROL DECK FOR SOL 401 CYCLIC SYMMETRY ANALYSIS BUT IS NOT SUPPLIED BY USER.

23224.1 *** USER FATAL MESSAGE 23224,
HOUTPUT CARD IS REQUIRED IN CASE CONTROL DECK FOR SOL 401 AXI-SYMMETRIC FOURIER ANALYSIS BUT IS NOT SUPPLIED BY USER.

23225.0 *** USER FATAL MESSAGE 23225 (IFS15P)
FOR MATDMG ID %1, Y012\YC12 ARE FOR LINEAR SHEAR DAMAGE AND TID IS FOR NONLINEAR SHEAR DAMAGE, THEY CAN'T BE SIMULTANEOUSLY SPECIFIED.

23225.1 *** USER FATAL MESSAGE 23225 (IFS15P)
FOR MATDMG ID %1, Y012\YC12 ARE FOR LINEAR SHEAR DAMAGE AND TID IS FOR NONLINEAR SHEAR DAMAGE, EITHER ONE OF THEM SHOULD BE SPECIFIED.

23225.2 *** USER FATAL MESSAGE 23225 (IFS15P)
DAMAGE PLY MATERIAL (MATDMG ID = %1) CAN ONLY BE USED IN SOL 401.

23226.0 *** USER FATAL MESSAGE 23226 (MATIND)
DAMAGE PLY MATERIAL (MATDMG ID = %1) CAN ONLY BE USED TOGETHER WITH MAT11.

23227.0 *** USER FATAL MESSAGE 23227 (TA1NLE)
PFA IS USED IN PCOMPS ID = %1, BUT DAMAGE PLY MATERIAL (MATDMG) ID = %2 CANNOT BE FOUND.

23227.1 *** USER FATAL MESSAGE 23227 (TA1NLE)
DAMAGE PLY MATERIAL (MATDMG ID = %1) CAN NOT BE REFERENCED BY COHESIVE ELEMENT.

23227.2 *** USER WARNING MESSAGE 23227 (NHEXCZ NPENCZ)
IN COHESIVE ELEMENT (ELEMENT ID = %1), THE TEMPERATURE ON MID-SURFACE GRID IS NOT EQUAL TO THE AVERAGE VALUE OF THE TOP AND BOTTOM GRID VALUES.

23227.3 *** USER FATAL MESSAGE 23227 (MNLDMGS NHEXCZ NPENCZ)
INTERNAL MATERIAL ROUTINE FAILED TO CONVERGE FOR ELEMENT ID = %1. FURTHER INFORMATION CAN BE FOUND IN LOG FILE.

23228.0 *** USER FATAL MESSAGE 23228 (UMATDBL)
INSUFFICIENT MEMORY FOR NXUMAT STATE VARIABLES.

23228.1 *** SYSTEM FATAL MESSAGE 23228 (UMATDBL)
GRID POINTS TABLE DATA NOT AVAILABLE (BGPDT)

23229.0 *** USER FATAL MESSAGE 23229 (NL2QNV2)
RUN TERMINATED DUE TO EXCESSIVELY LARGE DISPLACEMENT

(%1).
USER ACTION: CONSTRAINING RIGID BODY MOTIONS IS REQUIRED.

23229.1 *** USER FATAL MESSAGE 23229 (NL2QNV2)
RUN TERMINATED DUE TO EXCESSIVELY LARGE LOAD (%1).
USER ACTION: CONSTRAINING RIGID BODY MOTIONS IS REQUIRED.

23230.1 *** SYSTEM FATAL MESSAGE 23230 (IFS14P)
MULTIPLE CYCAXIS CARDS PRESENT IN BULK DATA. ONLY ONE CYCAXIS CARD IS ALLOWED.

23230.2 *** SYSTEM FATAL MESSAGE 23230 (IFS14P)
CONTINUATION LINE NOT ALLOWED FOR CYCAXIS CARD.

23230.3 *** USER FATAL MESSAGE 23230 (CYCLCSIDCHK)
ORIGIN FOR COORDINATE SYSTEM %1 DEFINED ON %2 CARD DOESN'T COINCIDE WITH ORIGIN FOR COORDINATE SYSTEM %3 DEFINED ON
THE CYCAXIS CARD. FOR CYCLIC ANALYSIS, IF THE COORIDNATE SYSTEMS DEFINED ON CYCAXIS AND CYCSET CARD HAVE DIFFERENT ID,
THEN THE TWO COORIDNATE SYSTEMS ARE REQUIRED TO SHARE THE SAME ORIGIN.

23230.4 *** USER FATAL MESSAGE 23230 (CYCLCSIDCHK)
POSITIVE Z AXIS FOR THE COORDINATE SYSTEM %1 DEFINED ON %2 CARD ISN'T COLLINEAR WITH THE +VE Z AXIS FOR COORDINATE
SYSTEM %3 DEFINED ON THE CYCAXIS CARD. FOR CYCLIC ANALYSIS, IF THE COORIDNATE SYSTEMS DEFINED ON CYCAXIS AND CYCSET
CARD HAVE DIFFERENT ID, THEN THE POSITIVE Z AXIS OF THE TWO COORIDNATE SYSTEMS ARE REQUIRED TO BE COLLINEAR.

23230.5 *** USER FATAL MESSAGE 23230 (WRTGEOM4CY)
DISPLACEMENT COORDINATE SYSTEM FOR GRIDS BELONGING TO THE CYCSET REGIONS HAS TO BE EITHER COORIDNATE SYSTEM FROM THE
CYCAXIS CARD OR THE COORDINATE SYSTEM FROM THE CYCSET CARD. DISPLACEMENT COORDINATE SYSTEM %2 IMPOSED ON GRID %1 IS
NEITHER.

23230.6 *** USER INFORMATION MESSAGE 23230 (SCTCEFI_PERF)
CYCLIC SOLUTION STATISTICS
SEARCH DISTANCE OF %1 IS COMPUTED FOR THIS CYCLIC SOLUTION.

23230.7 *** USER INFORMATION MESSAGE 23230 (SCTCEFI_PERF)
CYCLIC SOLUTION STATISTICS

USER SPECIFIED SEARCH DISTANCE OF %1 IS USED FOR THIS CYCLIC SOLUTION.

23230.8 *** USER INFORMATION MESSAGE 23230 (WRTGEOM4CY)
NUMBER OF NODES ON CYLIC TARGET FACE - %1
NUMBER OF NODES ON CYCLIC TARGET FACE PAIRED WITH NODES ON CYCLIC SOURCE FACE - %2
NUMBER OF CYCLIC MPC CONDITIONS FORMED FOR STATICS/HARMONIC=0 SOLUTION - %3

23230.9 *** USER FATAL MESSAGE 23230 (CYC_SPC_FILTER)
DOF'S BELONGING TO NODES ON CYCLIC FACES ARE NOT PERMITTED TO BE DEPENDENT DOF'S ON ANOTHER MPC CONSTRAINT.
FOLLOWING DOF(S) BELONGING TO A NODE(S) ON CYCLIC SOURCE OR TARGET FACE ARE DEFINED AS A DEPENDENT DOF ON A
MPC CONDITION.
NODE ID CYCLIC FACE

23230.10 *** USER WARNING MESSAGE 23230 (CYC_SPC_FILTER)
DOF'S BELONGING TO FOLLOWING NODES ON CYCLIC TARGET FACE ARE DEFINED AS DEPENDENT DOF ON RIGID CONNECTIONS.
FOR CYCLIC ANALYSIS, THE CONSTRAINT ASSOCIATED WITH RIGID CONNECTIONS WILL BE IGNORED TO AVOID A FATAL ASSOCIATED
WITH DOUBLY DEPENDENT DOF.
NODE ID CYCLIC FACE

23230.11 *** USER FATAL MESSAGE 23230 (SCTFCDS2)
NON CARTESIAN DISPLACEMENT COORDINATE SYSTEM SPECIFIED FOR NODES WHICH ARE SHARED BY THE CYCLIC SOURCE AND TARGET FACES
(NODES ON AXIS OF CYCLIC SYMMETRY). THESE NODES ARE REQUIRED TO HAVE A CARTESIAN COORDINATE SYSTEM WITH THE Z AXIS ALIGNED
WITH THE Z AXIS OF THE CYCAXIS COORDINATE SYSTEM.
NODE ID COORDINATE SYSTEM ID

23230.12 *** USER FATAL MESSAGE 23230 (SCTFCDS2)
Z AXIS OF DISPLACEMENT COORDINATE SYSTEM FOR NODES WHICH ARE SHARED BY THE CYCLIC SOURCE AND TARGET FACES (NODES ON AXIS
OF CYCLIC SYMMETRY) IS NOT ALIGNED WITH Z AXIS OF THE CYCAXIS COORDINATE SYSTEM. THESE NODES ARE REQUIRED TO HAVE A
CARTESIAN COORDINATE SYSTEM WITH THE Z AXIS ALIGNED WITH THE Z AXIS OF THE CYCAXIS COORDINATE SYSTEM.
NODE ID COORDINATE SYSTEM ID

23230.13 *** USER FATAL MESSAGE 23230 (SCTFCDS2)
NON-CYLINDRICAL NODAL DISPLACEMENT COORDINATE SYSTEM IS SPECIFIED FOR FOLLOWING NODES IN A CYCLIC ANALYSIS FOR SOL401. ONLY
CYLINDRICAL DISPLACEMENT COORDINATE SYSTEMS ARE ALLOWED FOR A SOL401 CYCLIC SOLUTION. (SET SYS(644)=1 TO OBTAIN A SOLUTION
USING NON-CYLINDRICAL DISPLACEMENT COORDINATE SYSTEMS, SOLUTION ACCURACY CAN BE AFFECTED BY THIS CHOICE.)
NODE ID COORDINATE SYSTEM ID

23230.14 *** USER FATAL MESSAGE 23230 (SCTFCDS2)
NON-CARTESIAN NODAL DISPLACEMENT COORDINATE SYSTEM IS SPECIFIED FOR FOLLOWING NODES THAT LIE ON THE CYCLIC AXIS OF SYMMETRY
IN CYCLIC ANALYSIS FOR SOL401. ONLY CARTESIAN DISPLACEMENT COORDINATE SYSTEMS IS ALLOWED FOR NODES THAT LIE ON CYCLIC AXIS OF
SYMMETRY.
NODE ID COORDINATE SYSTEM ID

23231.0 *** USER FATAL MESSAGE 23231 (SAMDB)
INTERNAL ERROR: ERROR AFTER CALL TO OVNASINIT. UNABLE TO LOAD THE SML DLL.
(IRETURN %1; IRCA %2)
USER ACTION: IF YOU SPECIFIED THE ENVIRONMENT VARIABLE NXN_SML_PATH,
TRY REMOVING IT TO USE THE OFFICIAL VERSION OF THE DLL. OTHERWISE, CONTACT CUSTOMER SUPPORT.

23231.1 *** USER FATAL MESSAGE 23231 (SAMDB)
INTERNAL ERROR: ERROR IN SAMDB WHEN READING MATERIAL PARAMETERS IN THE SML DLL.
THE NUMBER OF PARAMETERS (%1) RELOADED FROM MATI CARD (MID=%2)
DOES NOT MATCH THE CORRESPONDING NUMBER OF TABLES IN MATTI CARD (%3)
(IMEMBR %4; IRC %5)
THOSE TEMPERATURE DEPENDENCIES WOULD BE IGNORED
USER ACTION: CONTACT CUSTOMER SUPPORT

23231.2 *** USER FATAL MESSAGE 23231 (SAMDB)
INTERNAL ERROR: ERROR IN SAMDB AFTER CALLING UTNASMATC.
PARAMETER %1 IS OF UNKNOWN TYPE OVMATT %2
THIS WOULD RESULT IN A MATERIAL PARAMETER TO BE IGNORED.
USER ACTION: CONTACT CUSTOMER SUPPORT

23231.3 *** USER FATAL MESSAGE 23231 (SAMDB)
ERROR IN SAMDB WHEN READING TABLE CARD (TID=%1):
RETURN CODE %2
LOGARITHMIC SCALE IS NOT SUPPORTED.

23231.4 *** USER FATAL MESSAGE 23231 (SAMDB)
INTERNAL ERROR IN SAMDB DURING CALL TO UTNASTAB
TO READ TABLE CARD (TID=%1). RETURN CODE %2
USER ACTION: CONTACT CUSTOMER SUPPORT

23231.5 *** USER FATAL MESSAGE 23231 (SAMDB)
ERROR IN SAMDB WHEN LOADING FUNCTION POINTER TO
ROUTINE %1
RETURN CODE %2
USER ACTION: CONTACT CUSTOMER SUPPORT

23231.6 *** USER FATAL MESSAGE 23231 (SAMDB)
INTERNAL ERROR IN SAMDB WHEN CALLING ROUTINE %1
RETURN CODE %2
USER ACTION: CONTACT CUSTOMER SUPPORT

23231.7 *** USER FATAL MESSAGE 23231 (SAMDB)
INTERNAL ERROR: ERROR AFTER CALL TO OVNASEND.
(IRETURN %1; IRCA %2)
USER ACTION: IF YOU SET SYSTEM CELL 626, TRY UNSETTING IT.
OTHERWISE, CONTACT CUSTOMER SUPPORT.

23240.0 *** USER FATAL MESSAGE 23240.0 (UPDDOM)
INTERNAL ERROR: DVEREL1 is present, but no GROUP data is available.
The EDT datablock is empty.

23240.1 *** USER FATAL MESSAGE 23240.1 (UPDDOM)
GROUP ID %1 was specified, but not found.

23240.2 *** USER FATAL MESSAGE 23240.2 (UPDDOM)
No DVEREL1 relevant elements found in GROUP ID %1

23240.4 *** USER FATAL MESSAGE 23240.4 (UPDDOM)
Duplicate element ID %1 across DVEREL1 referenced in GROUP.

23240.5 *** USER FATAL MESSAGE 23240.5 (UPDDOM)
Initial thickness violates DVEREL1 assigned lower bound
for shell element ID: %1

23240.6 *** USER FATAL MESSAGE 23240.6 (UPDDOM)
Initial thickness violates DVEREL1 assigned upper bound
for shell element ID: %1

23240.7 *** USER FATAL MESSAGE 23240.7 (UPDDOM)
Duplicate design variable IDs: %1, %2 either due to overlapping
DVEREL1/GROUP data or due to overlap with pre-existing DESVAR

23240.8 *** USER FATAL MESSAGE 23240.8 (UPDDOM)
Generated and original DVPREL1 have same ID: %1

23240.9 *** USER FATAL MESSAGE 23240.9 (UPDDOM)
Duplicate PSHELL data IDs: %1, %2 due to overlap with non-DVEREL1 data.

23240.10 *** USER FATAL MESSAGE 23240.10 (UPDDOM)
DVEREL1 data should exist, but not found.

23240.11 *** USER FATAL MESSAGE 23240.11 (UPDDOM)
Insufficient memory in UPDDOM.

23240.12 *** USER FATAL MESSAGE 23240.12 (UPDDOM)
Data entry badly placed for GROUP ID %1

23240.13 *** USER FATAL MESSAGE 23240.13 (UPDDOM)
No elements in DVEREL1 data matched model

23240.14 *** USER FATAL MESSAGE 23240.14 (UPDDOM)
Property ID %1 not found

23240.15 *** USER FATAL MESSAGE 23240.15 (UPDDOM)
Data Block %1 does not exist