Please pay close attention to the holddata for the following PTFs with action items.

**UK25127**
**UK25240 (UQ96441)**

********** HOLDDATA ***********************************************

UK25127   TYPE            = PTF
STATUS          = REC
DATE/TIME REC   = 07.163  09:47:37
SOURCEID        = HIPER     PUT0705   SMCCOR
SREL   VER(001) = P115
FMID   VER(001) = HMK8800
SUPING VER(001) = DK38146
MOD             = DFSZLDX0

HOLDSYSTEM(INT) = ACTION    ++ HOLD(UK25127) SYS FMID(HMK8800) REASON(ACTION) DATE(07135)
COMMENT
(+--------------------------------------------------------------+
|  HOLD FOR APAR PK38146                                       +
|  NOTE --- NOTE --- NOTE --- NOTE --- NOTE --- NOTE ---+  |
|  THIS MODULE IS LINKED WITH A DICTIONARY TO CREATE THE       +
|  USERS COMPRESSION/EXPANSION ROUTINE.                        +
|  + A CHANGE HAS BEEN MADE TO MODULE DFSZLDX0 WHICH MAY BE   +
|  INCLUDED AS PART OF A USER HARDWARE DATA COMPRESSION (HDC) +
|  EXIT ROUTINE. THOSE HDC ROUTINES -MUST- BE RELINKED TO      +
|  INCLUDE THESE CHANGES. SIMPLY APPLYING OR ACCEPTING THIS    +
|  APAR WILL NOT - REPEAT WILL NOT - ALLOW THESE CHANGES TO    +
|  TAKE EFFECT.                                              +
|  THESE HDC ROUTINES DO NOT NEED TO ALL BE RELINKED AT THE    +
|  SAME TIME. HOWEVER, THE EXPOSURE FIXED IN THIS APAR WILL    +
|  NOT BE COMPLETELY REMOVED UNTIL ALL HDC ROUTINES HAVE       +
|  BEEN RELINKED.                                             +
|  +------------------------------------------------------------+).

HOLDSYSTEM(INT) = DOC       ++ HOLD(UK25127) SYS FMID(HMK8800) REASON(DOC) DATE(07135)
COMMENT
(DOCUMENTATION CHANGE FOR APAR PK38146
THIS MAINTENANCE IS BEING HELD SO YOU WILL BE AWARE OF DOCUMENTATION CHANGE TO MANUAL(S):
LY37374300
-
THE FOLLOWING TEXT DESCRIBES THE DOC CHANGE:
-
LY37-3743-00: IMS VERSION 8- FAILURE ANALYSIS STRUCTURE TABLES
(FAST) for Dump Analysis
1. In the description for ABENDU0840, between the explanation for "SYSTEM LOG" and "PSTLOGWA", an addition should be made for "HARDWARE DATA COMPRESSION" to refer to the return codes listed for ABENDU3325's.
2. In the description for ABEND3325, module DFSZLDX0 analysis, add the following new reason code:

Key     Label       Description
Reg14=D3C4E711     D3C4E711     A Function Recovery Routine (FRR) h
intercepted a Data Exception interr
during compression or expansion of
segment. Examine any recent change to the database or the dictionary to determine the cause of the exception, such as compressing a database that was not expanded during unload, or using a dictionary that was created for a different database.

HOLDSYSTEM(INT) = ENH ++ HOLD(UK25127) SYS FMID(HMK8800) REASON(ENH) DATE(07135)

COMMENT

APAR PK38146 CHANGES EXISTING IMS FUNCTION.
- Function name: HARDWARE DATA COMPRESSION
THIS APAR ADDS A FAILURE RECOVERY ROUTINE TO THE HARDWARE COMPRESSION MODULE TO ALLOW IT TO RETURN TO IMS INSTEAD OF ABENDING IMS.

See APAR closing text or PTF cover letter for complete details.

*********************************************************
APAR PK38146 CHANGES EXISTING IMS FUNCTION.
- Function name: HARDWARE DATA COMPRESSION
THIS APAR ADDS A FAILURE RECOVERY ROUTINE TO THE HARDWARE COMPRESSION MODULE TO ALLOW IT TO RETURN TO IMS INSTEAD OF ABENDING IMS.

See APAR closing text or PTF cover letter for complete details.
*********************************************************

UK25198 TYPE = PTF
STATUS = REC
DATE/TIME REC = 07.163 09:47:38
SOURCEID = SMCCOR
SREL VER(001) = P115
FMID VER(001) = HIR2101
PRE VER(001) = UK15840 UK18215 UQ62523
SUPING VER(001) = AK37624 AQ53831 AQ59625 BK37624 UQ65313 UQ65842
MOD = DXRRL170 DXRRL272 DXRRL750

HOLDSYSTEM(INT) = DOC ++ HOLD(UQ65313) SYS FMID(HIR2101) REASON(DOC) DATE(07137)

COMMENT

DOCUMENTATION CHANGE FOR APAR PQ53831
THIS MAINTENANCE IS BEING HELD SO YOU WILL BE AWARE OF DOCUMENTATION CHANGE TO MANUAL(S):
GC26873903
GC26901100
-
THE FOLLOWING TEXT DESCRIBES THE DOC CHANGE:
DOCUMENTATION CHANGE FOR APAR PQ48295
THIS MAINTENANCE IS BEING HELD SO YOU WILL BE AWARE OF DOCUMENTATION CHANGE TO MANUAL(S):
GC26873903
GC26901100
-
THE FOLLOWING TEXT DESCRIBES THE DOC CHANGE:
-
DXR167E IRLMx IRLM HAS DETECTED A DELAY IN COMPLETION OF vvvvvvvv PROCESS.
Explanation:
...
{ new entry follows }
MAXCYCLE - issued when IRLM is unable to process all of the waiters during a deadlock cycle because the number of waiting relationships created would require excessive SRB execution time. This can result in all S2 symptoms below.

SYSTEM PROGRAMMER RESPONSE:
...
{ new entry follows }
MAXCYCLE - This is usually the result of an application problem or a temporary hang which allowed the number of waiters in the sysplex, to become excessive, typically in the hundreds. This hang could be the result of an application deadlock occurring and not be broken quickly because global deadlock is
running too slowly. If the transaction rate is high and a deadlock occurs on key resources and is not detected and broken quickly, it can result in many tasks being suspended & involved in deadlocks. You might wish to consider lowering the first value of the DEADLOK parameter in the irlmprc. You should issue MODIFY irlmprc,STATUS on each member and if the message persists, terminate the IRLM with the largest number of waiters.

DOC: Take dumps of *ALL* DBMs & IRLM asids before taking any action.

UK25240 TYPE = PTF
STATUS = REC
DATE/TIME REC = 07.163 09:47:38
SOURCEID = PUT0705 SMCCOR
SREL VER(001) = P115
FMID VER(001) = HMK8800
PRE VER(001) = UK03005 UK05829 UK07907 UK08851 UQ63068 UQ66118 UQ67159 UQ67756 UQ69155 UQ69686 UQ70133 UQ70620 UQ77303 UQ80886 UQ85436 UQ93235 UQ94542 UQ95528
SUPING VER(001) = AK38550 DK08028 DK38550 DQ93142 DQ93749 UK08562 UQ93478 UQ96441
MACUPD = DFSDAWE DFSMDA
MOD = DFSBIND0 DFSMDA00
SRCUPD = DFSBIND0 DFSMDA00

HOLDSYSTEM(INT) = ACTION ++ HOLD(UQ96441) SYS FMID(HMK8800) REASON(ACTION) DATE(07142)
COMMENT
(+-----------------------------------------------------------------------------+
 + HOLD FOR APAR PQ93749 +
 +-------- Please read -----------------------------+
 + Users who have created a TYPE=SLDS,DDNAME=IMSLOGR dynamic allocation member along with a DASD Monitor dynamic allocation member (TYPE=DFSDCMON,DDNAME=IMSMON,UNIT=DASD), in the same assembly of DFSMDA macros, need to rebuild the IMSLOGR dynamic allocation member after installation of this maintenance. +-------------------------------------------------------------+).

HOLDSYSTEM(INT) = AO ++ HOLD(UK25240) SYS FMID(HMK8800) REASON(AO) DATE(07142)
COMMENT
(*******************************************************************************
 + Hold for APAR PK38550 +
 This APAR adds two new IMS messages
 -
 IMS Message numbers: DFS2560I and DFS2743I.
 -
 Any user exits or non-IBM vendor software which are sensitive to these messages may need to be changed.
 -
 This apar recommends that an OLCSTAT MDA member be created on each IMS system to allow a DBB batch job to dynamically allocated the OLCSTAT dataset.
 -
 An example to define the OLCSTAT MDA member is as follows:
 -
   DFSMDA TYPE=INITIAL
   DFSMDA TYPE=OLCSTAT,DSNAME=dsname
   DFSMDA TYPE=FINAL
   END
 -
 See the APAR closing text or PTF cover letter for detailed explanation.
*******************************************************************************).

HOLDSYSTEM(INT) = DOC ++ HOLD(UK08562) SYS FMID(HMK8800) REASON(DOC) DATE(07142)
COMMENT
(DOCUMENTATION CHANGE FOR APAR PK08028
THIS MAINTENANCE IS BEING HELD SO YOU WILL BE AWARE OF DOCUMENTATION CHANGE TO MANUAL(S):
GC27130202
THE FOLLOWING TEXT DESCRIBES THE DOC CHANGE:

DFS824I PDS DIRECTORY READ ERROR DDN 'IMSACB' RC=xx RSN=yy).

HOLDSYSTEM(INT) = DOC       ++ HOLD(UK25240) SYS FMID(HMK8800) REASON(DOC) DATE(07142)

COMMENT

(DOCUMENTATION CHANGE FOR APAR PK38550
THIS MAINTENANCE IS BEING HELD SO YOU WILL BE AWARE OF DOCUMENTATION CHANGE TO MANUAL(S):
GC27130200, GC27130504, GC27129800, SC27130900,
and LY37374300.

THE FOLLOWING TEXT DESCRIBES THE DOC CHANGE:

Update the V81 Messages and Codes manual to add a new message code.

DFS2743I READING THE OLCSTAT MDA MEMBER
Explanation: The OLCSTAT DD statement is coded in the batch JCL, but the data set cannot be accessed. An attempt is being made to read the MDA member if it exists.
System Action: Processing continues.
Programmer Response: None.
Module: DFSBIND0

DFS2560I WAITING FOR THE OLCSTAT DATA SET
Explanation: The Global Online Change has the OLCSTAT data set allocated. This batch job will wait until the Global Online Change deallocates the OLCSTAT.
System Action: Processing continues after the Global Online Change deallocated the OLCSTAT data set.
Programmer Response: None.
Module: DFSBIND0

Update the V81 Messages and Codes manual under abend 0821 to append the following under the first paragraph of the Explanation section:
In the case there is an OLCSTAT MDA member defined, this expresses an intent to use Global Online Change. The OLCSTAT is selected over the MODSTAT DD statement if it is coded in the An error may occur either because the data set name is incorrect or it cannot be accessed.
System Action: Correct the OLCSTAT error.

Update the V81 Release Planning Guide manual to add the following information:

IMS batch determines which ACBLIB to read based upon the OLCSTAT, MODSTAT, or ACBLIB DD statements. PK38550 adds support for dynamic allocation of the OLCSTAT data set, so that the OLCSTAT data set is only allocated while it is being used and is not allocated for the duration of the batch job.

A batch job may continue to define the OLCSTAT data set with an OLCSTAT DD statement, or define a dynamic allocation member for the OLCSTAT data set.

The MDA member for the OLCSTAT can be added only to the library appropriate to the batch job being run or to the main library of the DFSMDA members. If you add to the main library, dynamic allocation of the OLCSTAT data set will be attempted for all batch jobs that use the main library. If you want only specific batch jobs to use the dynamic allocation of the OLCSTAT dataset, add the MDA member only to the library appropriate to the batch.
jobs that require the OLCSTAT to be dynamically allocated.

- Update the V81 SYSTEM DEFINITION AND TAILORING manual to add under the OLCSTAT DD the following:

  The OLCSTAT data set, if defined, determines whether to use the IMSACBA or IMSACBB DD name. This OLCSTAT data set name is selected from:
  * either the OLCSTAT DD statement coded in JCL,
  * or the dynamic allocation MDA member if the OLCSTAT DD statement is omitted or the data set from the OLCSTAT DD cannot be accessed.

  The MODSTAT DD statement, if defined, determines whether to use the IMSACBA or IMSACBB DD name only when:
  * the OLCSTAT DD statement is omitted, and
  * no dynamic allocation MDA member is defined for the OLCSTAT data set.

  If the OLCSTAT DD statement or the MDA member exists, and the OLCSTAT data set cannot be accessed, the DBB batch job will fail with an abendU0821. If both the MODSTAT and OLCSTAT DD statements are omitted, the IMSACB DD is used.

- Update the V81 UTILITIES: SYSTEM manual under Dynamic Allocation Macro DFSMDA about the OLCSTAT data set as follows:

  TYPE=OLCSTAT statement
  This statement defines the dynamic allocation parameter list for the global online change OLCSTAT data set.

  DSNAME=
  Specifies the name of the OLCSTAT data set. The name can be any combination of simple and compound names valid in JCL, except that it cannot contain special characters.

  The format of this statement is:

  >>>-DFSMDA--TYPE=OLCSTAT,DSNAME=dsname-----------><

- Update the V81 FAST manual under ABENDU0821 to add the following information:

  Key                  Label     Description
  Reg 5=A(SELACBDD)    SELACBDD  The OLCSTAT or MODSTAT data set could not be opened or contains invalid data or is coded as DD DUMMY. See previous error messages prior to the abendu0821 for an explanation.).

UK25300 TYPE = PTF
STATUS = REC
DATE/TIME REC = 07.163 09:47:39
SOURCEID = PUT0705 SMCCOR
SREL VER(001) = P115
FMID VER(001) = HMK8800
PRE VER(001) = UK05206 UK20807 UQ63293 UQ63575 UQ66128 UQ66584 UQ69057 UQ69473 UQ70069 UQ71993 UQ74685 UQ75486 UQ81451
SUPING VER(001) = DK32760
MACUPD = CSLSCMAP CSLSCQRY
MOD = CSLSQRY0 CSLSXGM0

HOLDSYSTEM(INT) = DOC ++ HOLD(UK25300) SYS FMID(HMK8800) REASON(DOC) DATE(07141)
COMMENT
(DOCUMENTATION CHANGE FOR APAR PK32760
THIS MAINTENANCE IS BEING HELD SO YOU WILL BE AWARE OF DOCUMENTATION CHANGE TO MANUAL(S):
**In Doc:**

IMS V8 Messages and Codes Vol. 1  DFSMC1F6  GC27-1301-03
4.1 IMS User Abend Codes 0002 - 2991

Changes for ABEND Code 0013 follow:

Explanation: The IMS system abnormally terminates for one of these reasons:

- The system log for IMS batch could not be opened. Reg 1 = 1
- The output SLDS (IEFRDER/2) are allocated to an extended format dataset. Reg 1 = 2
- The macro ISITMGD returned a non-zero return code. Reg 1 = 3

System Action: IMS terminates abnormally.

Programmer Response:

- If Reg 1 = 1, Make sure the DD statement for the IEFRDER has been included and is specified correctly, then resubmit the job.
- If Reg 1 = 2, Reallocate the output SLDS (IEFRDER/2)
to a non-SMS striped dataset.

-If Reg 1 = 3, ISITMGD failed. ISITMGD return code is in Reg 15. For details on ISITMGD return codes, see z/OS V1R8.0 DFSMS Macro Instructions for Data Sets. SC26-7408-04.

**In Doc:
IMS V8 Messages and Codes Vol. 2 DFSMC2F6 GC27-1302-03
8.0 DFS Messages, DFS3000I -- DFS3499I
DFS3263I

After:
-(DBRC MODULE NOT FOUND)

Add:
-(INPUT SLDS ALLOCATED TO AN EXTENDED FORMAT VOLUME)
-(NON-ZERO RETURN CODE FROM ISITMGD)).