

Service	Description	Type
LU08684	CA UTILITY SORT V3.1.0.0 BATCH-16 INSTALL	PTF
LU09455	UNREADABLE/NULL CHARS IN COMPARE SCRIPT FILE	PTF
LU09538	SYSIN DD IS MISSING IN GENERATED ACTION JCL	PTF
LU09634	VARIOUS PACKAGE REPORTS DO NOT SHOWS ALL RELATED PACKAGES	PTF
LU09635	VARIOUS PACKAGE REPORTS DO NOT SHOWS ALL RELATED PACKAGES	PTF
LU09638	ICL TO DDL GENERATES INCORRECT DDL TO ALTER LIMITKEY VALUES	PTF
LU09642	PENDING CHANGE REORGS MISCALCULATE REORGP VALUES	PTF
LU09658	ERROR QRFM064E/QRFM085E WHEN GENERATING A SOURCE PROGRAM	PTF
LU09659	ERROR QRFM064E/QRFM085E WHEN GENERATING A SOURCE PROGRAM	PTF
LU09660	ERROR QRFM064E/QRFM085E WHEN GENERATING A SOURCE PROGRAM	PTF
LU09671	FEATURE REGISTRATION SERVICE FOR PFR PREVIEW SIMULATE	PTF
LU09680	ABEND SOC4 AND SOC1 IN PXMDBXCC - POSSIBLE DB2 OUTAGE	*HIP/PRP*
LU09701	NEW UTILITY SORT SERVICE FOR FAST LOAD	PTF
LU09702	NEW UTILITY SORT SERVICE FOR FAST LOAD	PTF
LU09703	NEW UTILITY SORT SERVICE FOR FAST LOAD	PTF
LU09714	XMANAGER WITH XSYS=Y FAILS TO START WHEN NO ACTIVE CFRM PLCY	*HIP/PRP*
LU09749	ICP INDEX LIMITKEY CAUSING RMA091E	PTF
LU09753	PXM3205 DETECTOR COLLECTION TASK STALLED	PTF
LU09754	PXM3205 DETECTOR COLLECTION TASK STALLED	PTF
LU09758	PFL0036E ISSUED WHEN PROCESSING TABLES WITH LONG NAMES	PTF
LU09767	MISSING KEY LABEL PROCESSING	PTF
LU09776	VIEW PARENTS DEPENDENT VIEW NOT RECREATED IF VIEW (IMP/EXP)	PTF
LU09778	RECOVERY ESTIMATOR LICENSE CHECK AND FRS REGISTRATION	PTF
LU09779	RECOVERY ESTIMATOR LICENSE CHECK AND FRS REGISTRATION	PTF
LU09789	KEYLABEL NOT DISPLAYED IN I-D AND SG-D REPORT	PTF
LU09795	PING COMMAND RETURNS GARBLED STATUS	PTF
LU09796	PING COMMAND RETURNS GARBLED STATUS	PTF
LU09836	INFINITE WAIT IN ANALYSIS USING OFACCESS	PTF
LU09840	STRATEGY JOB FAILS WITH SQL CODE -305 IN CSECT LAA@SVFY	PTF
LU09841	DEPRECATE PARAMETER LOAD MODULE (PTLLPARM) CREATION	PTF
LU09845	SOC3 ABEND IN PFR WHEN PIT TORBA < RBA OF ICTYPE 'C' RECORD	PTF
LU09854	SQL-EASE STAND COMMAND GENERATES DIAGNOSTIC MESSAGE	PTF
LU09855	SQL-EASE STAND COMMAND GENERATES DIAGNOSTIC MESSAGE	PTF
LU09857	PLA REDO/UNDO DDL FAILS WITH RETURN CODE 16	PTF
LU09861	UTILITY SORT UTS998E 8ED WITH SORT-ALL / SOC1 WITH ZIIP	PTF
LU09862	UTILITY SORT UTS998E 8ED WITH SORT-ALL / SOC1 WITH ZIIP	PTF
LU09868	BATCH AUTOMAP CONSUMES EXCESSIVE CPU WITH MANY OBJECTS	PTF
LU09869	COMMAND CENTER MASK COMMAND 'E' FAILS WITH RX218E ERROR	PTF
LU09870	ABEND SOC4 NGR0199C+1AE REQUEST DSIOSTAT > 50 ITEMS	PTF
LU09875	FIX ISSUE WITH INTEGER TYPE IQL FIELDS	PTF
LU09909	V13 OWNERTYPE BIND OPTIONS	PTF
LU09910	V13 OWNERTYPE BIND OPTIONS	PTF
LU09925	S13E ABEND DURING SORT IN PFR	PTF
LU09946	LOG MAINT FACILITY DELETE JOB LOG#ADEL FAILED WITH SOC4	PTF
LU09962	PTT DSNZPARM DISPLAY PANEL NOT WORKING	PTF
LU09981	%JOBNAME SYMBOLIC IN SYSIN DD STATEMENT IS NOT RESOLVED	PTF

Database Management Solutions for Db2 for z/OS 20.0
CA RS 2305 Service List

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Service	Description	Type
LU09998	LRSN CONVERTER ALLOWS CONVERSION FOR NON DATA-SHARING SSIDS	PTF
The CA RS 2305 service count for this release is 47		

Database Management Solutions for Db2 for z/OS
CA RS 2305 Service List for CIDBK00

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FMID	Service	Description	Type
CIDBK00	LU09870	ABEND S0C4 NGR0199C+1AE REQUEST DSIOSTAT > 50 ITEMS	PTF
	LU09875	FIX ISSUE WITH INTEGER TYPE IQL FIELDS	PTF
The CA RS 2305 service count for this FMID is 2			

FMID	Service	Description	Type
CINSK00	LU09455	UNREADABLE/NULL CHARS IN COMPARE SCRIPT FILE	PTF
	LU09634	VARIOUS PACKAGE REPORTS DO NOT SHOWS ALL RELATED PACKAGES	PTF
	LU09638	ICL TO DDL GENERATES INCORRECT DDL TO ALTER LIMITKEY VALUES	PTF
	LU09642	PENDING CHANGE REORGs MISCALCULATE REORGP VALUES	PTF
	LU09680	ABEND SOC4 AND SOC1 IN PXMDBXCC - POSSIBLE DB2 OUTAGE	*HIP/PRP*
	LU09701	NEW UTILITY SORT SERVICE FOR FAST LOAD	PTF
	LU09714	XMANAGER WITH XSYS=Y FAILS TO START WHEN NO ACTIVE CFRM PLCY	*HIP/PRP*
	LU09749	ICP INDEX LIMITKEY CAUSING RMA091E	PTF
	LU09753	PXM3205 DETECTOR COLLECTION TASK STALLED	PTF
	LU09776	VIEW PARENTS DEPENDENT VIEW NOT RECREATED IF VIEW (IMP/EXP)	PTF
	LU09778	RECOVERY ESTIMATOR LICENSE CHECK AND FRS REGISTRATION	PTF
	LU09795	PING COMMAND RETURNS GARBLED STATUS	PTF
	LU09836	INFINITE WAIT IN ANALYSIS USING OFACCESS	PTF
	LU09841	DEPRECATE PARAMETER LOAD MODULE (PTLLPARM) CREATION	PTF
	LU09854	SQL-EASE STAND COMMAND GENERATES DIAGNOSTIC MESSAGE	PTF
	LU09868	BATCH AUTOMAP CONSUMES EXCESSIVE CPU WITH MANY OBJECTS	PTF
	LU09909	V13 OWNERTYPE BIND OPTIONS	PTF
	LU09946	LOG MAINT FACILITY DELETE JOB LOG#ADEL FAILED WITH SOC4	PTF
	LU09962	PTT DSNZPARM DISPLAY PANEL NOT WORKING	PTF
The CA RS 2305 service count for this FMID is 19			

Database Management Solutions for Db2 for z/OS
CA RS 2305 Service List for COFSK00

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FMID	Service	Description	Type
COFSK00	LU09767	MISSING KEY LABEL PROCESSING	PTF
The CA RS 2305 service count for this FMID is 1			

Database Management Solutions for Db2 for z/OS
CA RS 2305 Service List for CPDAK00

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FMID	Service	Description	Type
CPDAK00	LU09538	SYSIN DD IS MISSING IN GENERATED ACTION JCL	PTF
	LU09981	%JOBNAME SYMBOLIC IN SYSIN DD STATEMENT IS NOT RESOLVED	PTF
The CA RS 2305 service count for this FMID is 2			

Database Management Solutions for Db2 for z/OS
CA RS 2305 Service List for CPDTK00

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FMID	Service	Description	Type
CPDTK00	LU09754	PXM3205 DETECTOR COLLECTION TASK STALLED	PTF
The CA RS 2305 service count for this FMID is 1			

Database Management Solutions for Db2 for z/OS
CA RS 2305 Service List for CPFLK00

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FMID	Service	Description	Type
CPFLK00	LU09702	NEW UTILITY SORT SERVICE FOR FAST LOAD	PTF
	LU09758	PFL0036E ISSUED WHEN PROCESSING TABLES WITH LONG NAMES	PTF
	LU09861	UTILITY SORT UTS998E 8ED WITH SORT-ALL / SOC1 WITH ZIIP	PTF
The CA RS 2305 service count for this FMID is 3			

Database Management Solutions for Db2 for z/OS
CA RS 2305 Service List for CPLAK00

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FMID	Service	Description	Type
CPLAK00	LU09840	STRATEGY JOB FAILS WITH SQL CODE -305 IN CSECT LAA@SVFY	PTF
	LU09857	PLA REDO/UNDO DDL FAILS WITH RETURN CODE 16	PTF
	LU09998	LRSN CONVERTER ALLOWS CONVERSION FOR NON DATA-SHARING SSIDS	PTF
The CA RS 2305 service count for this FMID is 3			

FMID	Service	Description	Type
CPPAK00	LU09855	SQL-EASE STAND COMMAND GENERATES DIAGNOSTIC MESSAGE	PTF
	LU09910	V13 OWNERTYPE BIND OPTIONS	PTF
The CA RS 2305 service count for this FMID is 2			

Database Management Solutions for Db2 for z/OS
CA RS 2305 Service List for CPRFK00

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FMID	Service	Description	Type
CPRFK00	LU09658	ERROR QRFM064E/QRFM085E WHEN GENERATING A SOURCE PROGRAM	PTF
The CA RS 2305 service count for this FMID is 1			

FMID	Service	Description	Type
CPRFK01	LU09659	ERROR QRFMO64E/QRFMO85E WHEN GENERATING A SOURCE PROGRAM	PTF
The CA RS 2305 service count for this FMID is 1			

FMID	Service	Description	Type
CPRFK02	LU09660	ERROR QRFM064E/QRFM085E WHEN GENERATING A SOURCE PROGRAM	PTF
The CA RS 2305 service count for this FMID is 1			

Database Management Solutions for Db2 for z/OS
CA RS 2305 Service List for CPUTK00

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FMID	Service	Description	Type
CPUTK00	LU09703	NEW UTILITY SORT SERVICE FOR FAST LOAD	PTF
	LU09862	UTILITY SORT UTS998E 8ED WITH SORT-ALL / SOC1 WITH ZIIP	PTF
The CA RS 2305 service count for this FMID is 2			

FMID	Service	Description	Type
CRCQK00	LU09635	VARIOUS PACKAGE REPORTS DO NOT SHOWS ALL RELATED PACKAGES	PTF
	LU09789	KEYLABEL NOT DISPLAYED IN I-D AND SG-D REPORT	PTF
	LU09796	PING COMMAND RETURNS GARBLED STATUS	PTF
The CA RS 2305 service count for this FMID is 3			

FMID	Service	Description	Type
CRCXK00	LU09869	COMMAND CENTER MASK COMMAND 'E' FAILS WITH RX218E ERROR	PTF
The CA RS 2305 service count for this FMID is 1			

FMID	Service	Description	Type
CUGRK00	LU09671	FEATURE REGISTRATION SERVICE FOR PFR PREVIEW SIMULATE	PTF
	LU09779	RECOVERY ESTIMATOR LICENSE CHECK AND FRS REGISTRATION	PTF
	LU09845	SOC3 ABEND IN PFR WHEN PIT TORBA < RBA OF ICTYPE 'C' RECORD	PTF
	LU09925	S13E ABEND DURING SORT IN PFR	PTF
The CA RS 2305 service count for this FMID is 4			

FMID	Service	Description	Type
CUTSK00	LU08684	CA UTILITY SORT V3.1.0.0 BATCH-16 INSTALL	PTF
The CA RS 2305 service count for this FMID is 1			

Service	Details
LU08684	LU08684 M.C.S. ENTRIES = ++PTF (LU08684) REWORK(2023102) CA UTILITY SORT V3.1.0.0 BATCH-16 INSTALL PROBLEM DESCRIPTION: This PTF is an infrastructure prerequisite for CA Utility Sort, and installs BATCH 16 of the CAUTIL SORT API for CA Utilities for DB2 for z/OS products. SYMPTOMS: N/A IMPACT: N/A CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: GEN 19175 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02410-D200 DESC(CA UTILITY SORT V3.1.0.0 BATCH-16 INSTALL). ++VER (Z038) FMID (CUTSK00) PRE (LU04436 R095918 R095972 R096401 R098970 S000848 S006611 S007927 S008899 S009590 S010236 S011009 S014310 S015480) SUP (LT02143 LT08684 LU02143 R096005 S010470 ST10470 TR96005)

Service	Details
LU09455	LU09455 M.C.S. ENTRIES = ++PTF (LU09455) REWORK(2023104) UNREADABLE/NULL CHARS IN COMPARE SCRIPT FILE PROBLEM DESCRIPTION: When creating an automap compare strategy in batch for RC/Compare for Db2 for z/OS, the source dataset name in the header report in the generated output script contains null character following the dataset. SYMPTOMS: --RuleName ==> @DEFAULT Rule Creator ==> --Maskname ==> @DEFAULT Mask Creator ==> -- --Imported SQL Information: -- Source Data Set ==>SHASR03.DEVOPSJ.JOB90382.D0000101.? .. -- Member ==> -- --Primary Object Pairs: --Source SSID ==> IMPORTED --Source LOC ==> CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Compare for Db2 for z/OS Version 20.0 Related Problem: RCC 19916 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02514-D200 DESC (UNREADABLE/NULL CHARS IN COMPARE SCRIPT FILE). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU02345 LU03657 LU04149 LU04412 LU04463 LU04950 LU05629 LU05886 LU09207 R099553 S001396 S008128 S011866 S011966 S012361 S012933 S014832) SUP (LT09455)

Service	Details
LU09538	LU09538 M.C.S. ENTRIES = ++PTF (LU09538) REWORK(2023104) SYSIN DD IS MISSING IN GENERATED ACTION JCL PROBLEM DESCRIPTION: Database Analyzer for Db2 for z/OS (PDA) may generate Action JCL without the expected SYSIN DD cards. SYMPTOMS: SYSIN DD statements are missing in the Action JCL. IMPACT: The generated Action job will fail. CIRCUMVENTION: Include SYSIN DD manually in the generated Action JCL. PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 19912 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02523-D200 DESC(SYSIN DD IS MISSING IN GENERATED ACTION JCL). ++VER (Z038) FMID (CPDAK00) PRE (LU00146 LU00891 LU01089 LU02456 LU04415 LU06141 LU06301 LU07004 LU07996 LU08674 LU08738 LU09171 S000017 S006115) SUP (AL00146 AL02456 AL03680 BL00146 LT00257 LT00475 LT02194 LT03680 LT05663 LT06394 LT06854 LT07221 LT08297 LT09538 LU00257 LU00475 LU03680 LU05663 LU06394 LU06854 LU07221 LU08297 ST05436 ST05467 ST05510 ST05806 ST05830)

Service	Details
LU09634	LU09634 M.C.S. ENTRIES = ++PTF (LU09634) REWORK(2023094) VARIOUS PACKAGE REPORTS DO NOT SHOWS ALL RELATED PACKAGES PROBLEM DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), when COPYID column is NULL in SYSPACKDEP catalog table, the following reports incorrectly display dependent package information * Table Package Inquiry (T-PK) * Tablespace Package Inquiry (TS-PK) * View Package Inquiry (V-PK) * Alias Package Inquiry (A-PK) * Synonym Package Inquiry (S-PK) * Index Package Inquiry (I-PK) SYMPTOMS: The above package reports (*-PK) do not list all the dependent packages. IMPACT: The package dependency is not shown correctly. CIRCUMVENTION: Do REBIND package to list all dependent packages. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: RCQ 19989 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02535-D200 DESC (VARIOUS PACKAGE REPORTS DO NOT SHOWS ALL RELATED PACKAGES) . ++VER (Z038) FMID (CINSK00) PRE (LU04412) SUP (LT09634) ++IF FMID(CRCQK00) REQ(LU09635) .

Service	Details
LU09635	LU09635 M.C.S. ENTRIES = ++PTF (LU09635) REWORK(2023094) VARIOUS PACKAGE REPORTS DO NOT SHOWS ALL RELATED PACKAGES PROBLEM DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), when COPYID column is NULL in SYSPACKDEP catalog table, the following reports incorrectly display dependent package information * Table Package Inquiry (T-PK) * Tablespace Package Inquiry (TS-PK) * View Package Inquiry (V-PK) * Alias Package Inquiry (A-PK) * Synonym Package Inquiry (S-PK) * Index Package Inquiry (I-PK) SYMPTOMS: The above package reports (*-PK) do not list all the dependent packages. IMPACT: The package dependency is not shown correctly. CIRCUMVENTION: Do REBIND package to list all dependent packages. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: RCQ 19989 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02535-D200 DESC(VARIOUS PACKAGE REPORTS DO NOT SHOWS ALL RELATED PACKAGES). ++VER (Z038) FMID (CRCQK00) PRE (LU02564 LU04430 LU06750 LU07779 R099569 S001414 S010163) SUP (LT09635) ++IF FMID(CINSK00) REQ(LU09634). ++HOLD (LU09635) SYSTEM FMID(CRCQK00) REASON (DB2BIND) DATE (23094) COMMENT (-----+ RC/Query for Db2 for z/OS

Service	Details
	DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If SYSVIEW for Db2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).

Service	Details																														
LU09638	LU09638 M.C.S. ENTRIES = ++PTF (LU09638) REWORK(2023096) ICL TO DDL GENERATES INCORRECT DDL TO ALTER LIMITKEY VALUES PROBLEM DESCRIPTION: When using RC/Migrator for Db2 for z/OS (RCC) to alter the limit key values using ICL ALTER, the generated ALTER TABLE PARTITION ... DDL fails when executed. This happens when the Limit keys in SYSIBM.SYSTABLEPART are not in logical part order. SYMPTOMS: The generated ALTER TABLE ALTER PARTITION DDL is not in the expected Limit key order. The execution ends with following error: DSNT408I SQLCODE = -636, ERROR: RANGES SPECIFIED FOR PARTITION 2 ARE NOT VALID IMPACT: Users are not be able to alter the limit key values using the script that is generated by the ICL-DDL analysis. CIRCUMVENTION: Instead of analyzing the ICL, analyze the strategy to generate the correct DDL. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 19993 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02536-D200 DESC(ICL TO DDL GENERATES INCORRECT DDL TO ALTER LIMITKEY VALUES). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03657 LU04149 LU04412 LU05886 LU06576 LU07268 LU08696 R097704 R099553 S001396 S004718 S007379 S009105 S011691 S011866 S011966 S012361 S012933 S014125 S014615 S015804) SUP (LT09638) ++HOLD (LU09638) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (23096) COMMENT (<table border="1"> <tr> <td colspan="2">+-----+-----+</td> </tr> <tr> <td> Db2 Common Components</td> <td>Version 20.0 </td> </tr> <tr> <td colspan="2">+-----+-----+</td> </tr> <tr> <td> SEQUENCE After Apply</td> <td> </td> </tr> <tr> <td colspan="2">+-----+-----+</td> </tr> <tr> <td> PURPOSE Bind Plans and Packages</td> <td> </td> </tr> <tr> <td colspan="2">+-----+-----+</td> </tr> <tr> <td> USERS </td> <td> </td> </tr> <tr> <td> AFFECTED All Users</td> <td> </td> </tr> <tr> <td colspan="2">+-----+-----+</td> </tr> <tr> <td> KNOWLEDGE </td> <td> </td> </tr> <tr> <td> REQUIRED Db2 Tools Post Install Customization.</td> <td> </td> </tr> <tr> <td colspan="2">+-----+-----+</td> </tr> <tr> <td> ACCESS 1. Db2 Tools Post Install</td> <td> </td> </tr> <tr> <td> REQUIRED 2. BIND, SYSADM or SYSCNTL on Db2 subsystem.</td> <td> </td> </tr> </table>)	+-----+-----+		Db2 Common Components	Version 20.0	+-----+-----+		SEQUENCE After Apply		+-----+-----+		PURPOSE Bind Plans and Packages		+-----+-----+		USERS		AFFECTED All Users		+-----+-----+		KNOWLEDGE		REQUIRED Db2 Tools Post Install Customization.		+-----+-----+		ACCESS 1. Db2 Tools Post Install		REQUIRED 2. BIND, SYSADM or SYSCNTL on Db2 subsystem.	
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REQUIRED Db2 Tools Post Install Customization.																															
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Service	Details
	<pre> +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If SYSVIEW for Db2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).</pre>

Service	Details
LU09642	LU09642 M.C.S. ENTRIES = ++PTF (LU09642) REWORK(2023096) PENDING CHANGE REORGs MISCALCULATE REORGP VALUES PROBLEM DESCRIPTION: While using RC/Migrator for Db2 for z/OS (RCM), pending change REORGs may miscalculate the REORGP value. This problem is sporadic depending upon the size of the initial dataset. When a dataset reaches 2G, the calculation produces 1, at 4G, the calculation again produces 1. Also, when working with deprecated objects, processing produces strange results. SYMPTOMS: If Image Copy option is selected and Pending Change REORGs are produced, it is possible for the two utilities to produce different results for REORGP. IMPACT: Dataset generation is based upon the REORGP value as compared to the LARGE symbol. After reaching LARGE, datasets use the TAPE symbol for its storage needs. CIRCUMVENTION: None PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 19879 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02538-D200 DESC(PENDING CHANGE REORGs MISCALCULATE REORGP VALUES). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU00530 LU03657 LU04412 LU05142 LU05886 LU06576 LU07268 LU07836 LU08696 R096576 R097704 R099553 S001396 S004455 S004718 S007379 S008957 S009105 S011691 S011966 S012361 S012933 S014282 S014832 S015804) SUP (LT08964 LT09642 LU08964 S009839 S013974 ST09791 ST09839 ST13974)

Service	Details
LU09658	LU09658 M.C.S. ENTRIES = ++PTF (LU09658) REWORK(2023094) ERROR QRFM064E/QRFM085E WHEN GENERATING A SOURCE PROGRAM PROBLEM DESCRIPTION: Compile/PRF (QRF) may issue the error QRFM064E or QRFM085E when generating a COBOL source program using option 1 (Generate a Program) on the main menu. These errors are issued on the Generate a Program screen. The error QRFM064E occurs when generating program using the object dataset, whereas the error QRFM085E occurs when generating program using the object type and the object name. QRFM064E - Invalid object definition QRFM085E - Invalid object name SYMPTOMS: QRF issues the error QRFM064E or QRFM085E on the Generate a Program screen. IMPACT: QRF users may not be able to generate a COBOL source program for PRF objects. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Compile/PRF (QRF) Version 20.0 Related Problem: BIPRF 19802 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02539-D200 DESC(ERROR QRFM064E/QRFM085E WHEN GENERATING A SOURCE PROGRAM) . ++VER (Z038) FMID (CPRFK00) PRE (LU00581 LU01321 LU04422 LU06989 R097712 R099195 R099562 S001406 S004464 S006443 S016258) SUP (LT09658) ++IF FMID(CPRFK01) REQ(LU09659) . ++IF FMID(CPRFK02) REQ(LU09660) .

Service	Details
LU09659	LU09659 M.C.S. ENTRIES = ++PTF (LU09659) REWORK(2023094) ERROR QRFM064E/QRFM085E WHEN GENERATING A SOURCE PROGRAM PROBLEM DESCRIPTION: Compile/PRF (QRF) may issue the error QRFM064E or QRFM085E when generating a COBOL source program using option 1 (Generate a Program) on the main menu. These errors are issued on the Generate a Program screen. The error QRFM064E occurs when generating program using the object dataset, whereas the error QRFM085E occurs when generating program using the object type and the object name. QRFM064E - Invalid object definition QRFM085E - Invalid object name SYMPTOMS: QRF issues the error QRFM064E or QRFM085E on the Generate a Program screen. IMPACT: QRF users may not be able to generate a COBOL source program for PRF objects. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Compile/PRF (QRF) Version 20.0 Related Problem: BIPRF 19802 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02539-D200 DESC(ERROR QRFM064E/QRFM085E WHEN GENERATING A SOURCE PROGRAM) . ++VER (Z038) FMID (CPRFK01) PRE (LU00582 LU01322 LU04423 LU06990 R097713 R099196 R099563 S001407 S004465 S006444 S016259) SUP (LT09659) ++IF FMID(CPRFK00) REQ(LU09658) . ++IF FMID(CPRFK02) REQ(LU09660) .

Service	Details
LU09660	LU09660 M.C.S. ENTRIES = ++PTF (LU09660) REWORK(2023094) ERROR QRFM064E/QRFM085E WHEN GENERATING A SOURCE PROGRAM PROBLEM DESCRIPTION: Compile/PRF (QRF) may issue the error QRFM064E or QRFM085E when generating a COBOL source program using option 1 (Generate a Program) on the main menu. These errors are issued on the Generate a Program screen. The error QRFM064E occurs when generating program using the object dataset, whereas the error QRFM085E occurs when generating program using the object type and the object name. QRFM064E - Invalid object definition QRFM085E - Invalid object name SYMPTOMS: QRF issues the error QRFM064E or QRFM085E on the Generate a Program screen. IMPACT: QRF users may not be able to generate a COBOL source program for PRF objects. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Compile/PRF (QRF) Version 20.0 Related Problem: BIPRF 19802 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02539-D200 DESC(ERROR QRFM064E/QRFM085E WHEN GENERATING A SOURCE PROGRAM) . ++VER (Z038) FMID (CPRFK02) PRE (LU00583 LU01323 LU04424 LU06991 R097714 R099197 R099564 S001408 S004466 S006445 S016260) SUP (LT09660) ++IF FMID(CPRFK00) REQ(LU09658) . ++IF FMID(CPRFK01) REQ(LU09659) .

Service	Details
LU09671	LU09671 M.C.S. ENTRIES = ++PTF (LU09671) REWORK(2023095) FEATURE REGISTRATION SERVICE FOR PFR PREVIEW SIMULATE ENHANCEMENT DESCRIPTION: Fast Recover for Db2 for z/OS (PFR) feature PREVIEW SIMULATE now uses Feature Registration Service (FRS) to log its usage under the Fast Recover product key. The logged data is available in the z/OS Function Registry and can be included in the ISV SCRT reports. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS (PFR) Version 20.0.07 Related Problem: PFR 19374 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02540-D200 DESC(FEATURE REGISTRATION SERVICE FOR PFR PREVIEW SIMULATE). ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU00728 LU01292 LU01717 LU03186 LU03235 LU03859 LU04435 LU04966 LU05850 LU06034 LU07168 LU07563 LU08409 LU09088 LU09168 R096595 R099574 S000029 S000788 S001660 S004251 S006132 S006879 S007826 S007905 S008280 S008833 S009742 S009748 S010165 S010818 S012155 S012279 S012530 S013130 S013206 S013768 S014568) SUP (LT04948 LT09632 LT09671) ++HOLD (LU09671) SYSTEM FMID(CUGRK00) REASON (MSGSKEL) DATE (23095) COMMENT (<pre> +-----+ Utility General Recovery Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+ USERS AFFECTED All Db2 Tools Users +-----+-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND Authority on Db2 subsystems +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).</pre>

Service	Details
LU09680	LU09680 M.C.S. ENTRIES = ++PTF (LU09680) REWORK(2023093) ABEND SOC4 AND SOC1 IN PXMDBXCC - POSSIBLE DB2 OUTAGE PROBLEM DESCRIPTION: An Xmanager (PXM) that started with XSYS=Y received an unexpected response from another Xmanager in the Coupling Facility group. The other Xmanager should have responded with the list of active Db2 subsystems on its LPAR. However, the other Xmanager experienced an abend in load module PXMZDBCC. The receiving Xmanager incorrectly processed the unexpected response as a valid response, which corrupted its own list of Db2 subsystems. This list corruption can cause a Db2 subsystem outage when the following conditions are present: - The Xmanager's list entry for the Db2 subsystem is corrupted. - Detector (PDT) or Subsystem Analyzer (PSA) are running on that Db2 subsystem. - The PDT or PSA collection terminates. SYMPTOMS: The joblog for the Xmanager with the corrupted list of Db2 subsystems will have a SOC4 abend in load module PXMDBXCC. The output of the LISTDB2 modify command for that Xmanager will contain garbage. For example: The SOC4 ABEND: <pre>PXM0810 XMANAGER RECOVERY IN PROGRESS (TCB 007C1498) PXM0811 PSW: 070D2000 BB6D63D2 LMOD: PXMDBXCC OFFSET: 00000442 ABEND: SOC4 ... SYSTEM COMPLETION CODE=0C4 REASON CODE=00000011 TIME=16.28.48 SEQ=01684 CPU=0000 ASID=01A3 PSW AT TIME OF ERROR 070D2000 BB6D63D2 ILC 6 INTC 11 ACTIVE MODULE ADDRESS=00000000_3B6D5F90 OFFSET=00000442 NAME=PXMDBXCC DATA AT PSW 3B6D63CC - D20190C4 5054D207 91385056 The modify command "F <xman jobname>,LISTDB2" output: PXM0107 MODIFY TEXT = LISTDB2 PXM0108 FOLLOWING DB2 SUBSYSTEMS WERE LOCATED PXM0110 SSID=A.. STAT=NACT CMD=..... V=N/A DSGP=N/A GATT=N/A LPAR=.....' PXM0110 SSID=...= STAT=NACT CMD=..... V=N/A DSGP=N/A GATT=N/A LPAR= PXM0110 SSID=A.{ STAT=NACT CMD=..... V=N/A DSGP=N/A GATT=N/A LPAR= PXM0110 SSID=...: STAT=NACT CMD=-..... V=N/A DSGP=N/A GATT=N/A LPAR=..... ... many of the above then valid entries that may be corrupted ... PXM0110 SSID=DB2A STAT=ACTV CMD=.u..... V=1.. DSGP=NONE GATT=NONE LPAR=.....# PXM0110 SSID=DB2B STAT=ACTV CMD=0001:00. V=... DSGP=NONE GATT=NONE LPAR=0G0001.. The joblog for the Xmanager that sent the unexpected response will contain messages PXM4554, PXM4530, and PXM4550, and abend messages for load module PXMZDBCC. The abend in PXMZDBCC can be any type of abend. The sample below is for a user 125 abend. PXM4554 WORK SERVER ABEND RETRY ATTEMPTED</pre>

Service	Details
	PXM4530 WORK SERVER DISPATCH FAILED
	IEA995I SYMPTOM DUMP OUTPUT 680
	USER COMPLETION CODE=0125
	TIME=17.31.57 SEQ=23422 CPU=0000 ASID=00E0
	PSW AT TIME OF ERROR 070D1000 A4CD1216 ILC 2 INTC 0D
	ACTIVE MODULE ADDRESS=00000000_24CD1098 OFFSET=0000017E
	NAME=PXMZDBCC
	DATA AT PSW 24CD1210 - 00181610 0A0D47F0 A1984100
	AR/GR 0: 00000000/80000000 1: 00000000/8000007D
	2: 00000000/00000000 3: 00000000/00AC5100
	4: 00000000/A4CD1524 5: 00000000/24C6B118
	6: 00000000/00000000 7: 00000000/21F48508
	8: 00000000/24C75448 9: 00000000/00000000
	A: 00000000/24CD10B4 B: 00000002/24C11AFC
	C: 00000000/24C751D8 D: 00000000/24C11A90
	E: 00000000/0000030B F: 00000000/00000000
	END OF SYMPTOM DUMP
	PXM4550 WORK SERVER ABEND RETRY SUCCESS
	IMPACT:
	There will be a Db2 subsystems outage.
	CIRCUMVENTION:
	None.
	PRODUCT(S) AFFECTED:
	Db2 Common Components
	Version 20.0
	Db Mgmt Solutions for Db2 for z/OS
	Version 20.0
	Related Problem:
	PXM 20018
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	R02541-D200
	DESC(ABEND SOC4 AND SOC1 IN PXMDBXCC - POSSIBLE DB2 OUTAGE).
	++VER (Z038)
	FMID (CINSK00)
	PRE (LU01978 LU04412 LU04452 LU05717 LU07523 LU07855)
	SUP (FC04039 LT09680)
++HOLD (LU09680) SYSTEM FMID(CINSK00)	
REASON (RESTART) DATE (23093)	
COMMENT (	
-----+	
Db2 Common Components	
Version 20.0	
-----+	
SEQUENCE Before Apply	
-----+	
PURPOSE Avoidance of module mismatch related errors in an Xmanager	
-----+	
USERS Collections of Db2 statistics via Detector or Subsystem	
AFFECTED Analyzer.	
Db2 subsystems that have active collections.	
-----+	
KNOWLEDGE 1. SMP/E	
REQUIRED 2. z/OS System Programming	
3. Db2 Tools Installation and Maintenance procedures.	
-----+	
ACCESS 1. Product runtime libraries.	

Service	Details
	<pre> REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with Db2 Tools and/or may compromise the operating system/Db2 including possible failures.).</pre>

Service	Details
LU09701	LU09701 M.C.S. ENTRIES = ++PTF (LU09701) REWORK(2023110) NEW UTILITY SORT SERVICE FOR FAST LOAD ENHANCEMENT DESCRIPTION: Fast Load for Db2 for z/OS (PFL) is now integrated with the new Utility Sort service to improve the elapsed time and reduce CPU consumption when a sort is performed. Utility Sort is now the default sort program for Fast Load and can be customized in the UTLS parmlib member. Using multiple UTLSxx members in one parmlib is supported. UTLS options are printed under "OPTIONS IN EFFECT" when ALLMSGs YES is active. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 19582 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02542-D200 DESC(NEW UTILITY SORT SERVICE FOR FAST LOAD). ++VER (Z038) FMID (CINSK00) PRE (LU00435 LU01978 LU04412 LU07407 LU08030 R096576 R098967 S000845 S006608 S007169 S007915 S007940 S008377 S009976 S011221 S011995 S013096 S014275 S014771 S016194) SUP (LT09701 ST11164 ST11185 ST14272) ++IF FMID(CPFLK00) REQ(LU09702). ++IF FMID(CPUTK00) REQ(LU09703).

Service	Details
LU09702	LU09702 M.C.S. ENTRIES = ++PTF (LU09702) REWORK(2023110) NEW UTILITY SORT SERVICE FOR FAST LOAD ENHANCEMENT DESCRIPTION: Fast Load for Db2 for z/OS (PFL) is now integrated with the new Utility Sort service to improve the elapsed time and reduce CPU consumption when a sort is performed. Utility Sort is now the default sort program for Fast Load and can be customized in the UTLS parmlib member. Using multiple UTLSxx members in one parmlib is supported. UTLS options are printed under "OPTIONS IN EFFECT" when ALLMSGs YES is active. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 19582 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02542-D200 DESC(NEW UTILITY SORT SERVICE FOR FAST LOAD). ++VER (Z038) FMID (CPFLK00) PRE (LU01720 LU02243 LU03191 LU03577 LU03846 LU04417 LU05207 LU05225 LU05457 LU05880 LU06304 LU06365 LU07264 LU08283 LU09132 R096581 R097708 S000018 S000704 S001656 S004275 S004459 S007170 S007811 S008428 S009024 S010195 S011996 S012128 S012150 S012275 S012526 S013097 S013203 S013765 S014772 S015312 S016089) SUP (LT09611 LT09702 ST15281 ST15288) ++IF FMID(CINSK00) REQ(LU09701). ++IF FMID(CPUTK00) REQ(LU09703).

Service	Details																		
LU09703	LU09703 M.C.S. ENTRIES = ++PTF (LU09703) REWORK(2023110) NEW UTILITY SORT SERVICE FOR FAST LOAD ENHANCEMENT DESCRIPTION: Fast Load for Db2 for z/OS (PFL) is now integrated with the new Utility Sort service to improve the elapsed time and reduce CPU consumption when a sort is performed. Utility Sort is now the default sort program for Fast Load and can be customized in the UTLS parmlib member. Using multiple UTLSxx members in one parmlib is supported. UTLS options are printed under "OPTIONS IN EFFECT" when ALLMSG YES is active. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 19582 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02542-D200 DESC(NEW UTILITY SORT SERVICE FOR FAST LOAD). ++VER (Z038) FMID (CPUTK00) PRE (LU00248 LU03192 LU03323 LU03847 LU04427 LU04618 LU05305 LU05349 LU05535 LU06206 LU06366 LU06791 LU09133 LU09478 S008072 S008380 S008429 S008586 S009978 S011521 S012529 S013098 S013767 S014773 S015740) SUP (LT09612 LT09703 ST08364) ++IF FMID(CINSK00) REQ(LU09701). ++IF FMID(CPFLK00) REQ(LU09702). ++HOLD (LU09703) SYSTEM FMID(CPUTK00) REASON (ENH) DATE (23110) COMMENT (<table border="1"> <tr> <td>Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Utility Sort behavior</td></tr> <tr> <td>USERS</td><td>All users.</td></tr> <tr> <td>AFFECTED</td><td></td></tr> <tr> <td>KNOWLEDGE</td><td>Knowledge of FAST LOAD parmlib</td></tr> <tr> <td>REQUIRED</td><td></td></tr> <tr> <td>ACCESS</td><td>Access to product parmlib</td></tr> <tr> <td>REQUIRED</td><td></td></tr> </table> ***** * STEPS TO PERFORM * ***** When this PTF is applied, all SORT activity that is required by PFL will use the new integrated Utility SORT. This will provide improved	Utilities Common	Version 20.0	SEQUENCE	After Apply	PURPOSE	Utility Sort behavior	USERS	All users.	AFFECTED		KNOWLEDGE	Knowledge of FAST LOAD parmlib	REQUIRED		ACCESS	Access to product parmlib	REQUIRED	
Utilities Common	Version 20.0																		
SEQUENCE	After Apply																		
PURPOSE	Utility Sort behavior																		
USERS	All users.																		
AFFECTED																			
KNOWLEDGE	Knowledge of FAST LOAD parmlib																		
REQUIRED																			
ACCESS	Access to product parmlib																		
REQUIRED																			

Service	Details
	system resource usage and autonomic benefit.If you have any downstream processing that relies on specific SORT output format or messages, then please review them before applying this PTF. If, for any reason, you wish to switch off Utility SORT and revert back to your previous SORT package, then you can code this parameter in your ENABLExx member in the Product PARMLIB dataset: LOAD_UTILITY_SORT (NO) To switch Utility Sort back on, then remove this parameter or code: LOAD_UTILITY_SORT (YES) Note: The Post Install processing ISPF dialogue allows the creation of a UTLS PARMLIB member where you can specify Utility sort parameters.If you do not create a UTLS PARMLIB member, the Utility SORT will use defaults and does not rely on UTLS being present.).

Service	Details																																
LU09714	LU09714 M.C.S. ENTRIES = ++PTF (LU09714) REWORK(2023094) XMANAGER WITH XSYS=Y FAILS TO START WHEN NO ACTIVE CFRM PLCY PROBLEM DESCRIPTION: Xmanagers (PXM) that specify XSYS=Y fail to start when they query the Coupling Facility (CF) for the Level Set list structure and an active CFRM policy does not exist. Messages PXM0129 and PXM0128 are issued without any other messages. SYMPTOMS: The following messages are issued: PXM1029 XMANAGER ERROR OCCURRED QUERYING CF FOR THE CF LIST STRUCTURE RC=X'XX' RSN=X'XXXXXXXX' XMID=XXXX PXM0128 XMANAGER IS TERMINATING. PLEASE REVIEW PRIOR MESSAGES TO DETERMINE THE REASON FOR TERMINATION. XMID=XXXX Error conditions where the Xmanager is not expected to start will produce additional messages like PXM1132, PXM1011, PXM1022, or PXM1135. IMPACT: Xmanagers do not start. CIRCUMVENTION: Message PXM1029 contains the IXCQUERY return and reason codes. Please review the IBM documentation and correct the problem. If possible, start the Xmanagers with XSYS=N. The functionality of XSYS=Y will not be available. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: PXM 20045 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02544-D200 DESC(XMANAGER WITH XSYS=Y FAILS TO START WHEN NO ACTIVE CFRM PLCY). ++VER (Z038) FMID (CINSK00) PRE (LU01978 LU04412 LU05347 LU06606 LU06887) SUP (AL06887 LT09714) ++HOLD (LU09714) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (23094) COMMENT (<table border="1"> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> Db2 Common Components</td> <td> Version 20.0 </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> SEQUENCE</td> <td> Before Apply </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> PURPOSE</td> <td> Avoidance of module mismatch related errors in an Xmanager </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> USERS</td> <td> Collections of Db2 statistics via Detector or Subsystem </td> </tr> <tr> <td> AFFECTED</td> <td> Analyzer. </td> </tr> <tr> <td> </td> <td> Db2 subsystems that have active collections. </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> KNOWLEDGE</td> <td> 1. SMP/E </td> </tr> <tr> <td> REQUIRED</td> <td> 2. z/OS System Programming </td> </tr> <tr> <td> </td> <td> 3. Db2 Tools Installation and Maintenance procedures. </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> ACCESS</td> <td> 1. Product runtime libraries. </td> </tr> </table>)	+-----+		Db2 Common Components	Version 20.0	+-----+		SEQUENCE	Before Apply	+-----+		PURPOSE	Avoidance of module mismatch related errors in an Xmanager	+-----+		USERS	Collections of Db2 statistics via Detector or Subsystem	AFFECTED	Analyzer.		Db2 subsystems that have active collections.	+-----+		KNOWLEDGE	1. SMP/E	REQUIRED	2. z/OS System Programming		3. Db2 Tools Installation and Maintenance procedures.	+-----+		ACCESS	1. Product runtime libraries.
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ACCESS	1. Product runtime libraries.																																

Service	Details
	<pre> REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with Db2 Tools and/or may compromise the operating system/Db2 including possible failures.).</pre>

Service	Details
LU09749	LU09749 M.C.S. ENTRIES = ++PTF (LU09749) REWORK(2023104) ICP INDEX LIMITKEY CAUSING RMA091E PROBLEM DESCRIPTION: When RC/Migrator for Db2 for z/OS (RCM) is processing an ICP Index during an analysis, a RMA091E message may occur.. SYMPTOMS: This problem occurs only in the rare instance that the customer is using OFS Access for catalog retrieval. Also, the customer must be editing the index in the ALTER strategy. This problem is isolated to the Limitkey of an ICP Index, and may result in the following error: RMA091E THE CURRENT CATALOG DEFINITION OF INDEX <creator>.<index_name> DOES NOT MATCH THE DEFINITION WHICH EXISTED AT TIME OF EDIT. THE OBJECT WILL NOT BE ALTERED. IMPACT: Processing of the index and it's changes are bypassed. CIRCUMVENTION: The option causing the OFS Access must be turned off. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 20138 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02547-D200 DESC(ICP INDEX LIMITKEY CAUSING RMA091E). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03314 LU03657 LU03923 LU04412 LU06629 LU09136 S001396 S009105) SUP (LT09749)

Service	Details
LU09753	LU09753 M.C.S. ENTRIES = ++PTF (LU09753) REWORK(2023100) PXM3205 DETECTOR COLLECTION TASK STALLED PROBLEM DESCRIPTION: Detector for Db2 for z/OS (PDT) collections may terminate with a stalled queue message when collecting dynamic SQL text with USECOLLTASKS(Y) . SYMPTOMS: The following XMAN log message may appear: 21.51.04 STC21642 PXM3205 DETECTOR COLLECTION TASK STALLED TSKNBR=xx 21.51.06 STC21642 IEA794I SVC DUMP HAS CAPTURED: 719 719 DUMPID=001 REQUESTED BY JOB (xxxxxxMAN) 719 DUMP TITLE=CA/XMANAGER 20.0 PXMQMGCC FAILURE 719 COMPUTER ASSOCIATES TECHNICAL SUPPORT* IMPACT: Lost queue elements can occur and Detector may terminate collections. CIRCUMVENTION: Use USECOLLTASKS(N) . PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 19569 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02549-D200 DESC(PXM3205 DETECTOR COLLECTION TASK STALLED) . ++VER (Z038) FMID (CINSK00) PRE (LU01978 LU03808 LU04262 LU04412 R096576 R099979 S001396 S004455 S004756 S012924) SUP (LT04174 LT08976 LT09753 LU08976) ++IF FMID(CPDTK00) REQ(LU09754) . ++HOLD (LU09753) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (23100) COMMENT (<pre> +-----+ Db2 Common Components Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ </pre> *****

Service	Details
	* STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with Db2 Tools and/or may compromise the operating system/Db2 including possible failures.).

Service	Details
LU09754	LU09754 M.C.S. ENTRIES = ++PTF (LU09754) REWORK(2023100) PXM3205 DETECTOR COLLECTION TASK STALLED PROBLEM DESCRIPTION: Detector for Db2 for z/OS (PDT) collections may terminate with a stalled queue message when collecting dynamic SQL text with USECOLLTASKS(Y) . SYMPTOMS: The following XMAN log message may appear: 21.51.04 STC21642 PXM3205 DETECTOR COLLECTION TASK STALLED TSKNBR=xx 21.51.06 STC21642 IEA794I SVC DUMP HAS CAPTURED: 719 719 DUMPID=001 REQUESTED BY JOB (xxxxxMAN) 719 DUMP TITLE=CA/XMANAGER 20.0 PXMQMGCC FAILURE 719 COMPUTER ASSOCIATES TECHNICAL SUPPORT* IMPACT: Lost queue elements can occur and Detector may terminate collections. CIRCUMVENTION: Use USECOLLTASKS(N) . PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 19569 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02549-D200 DESC(PXM3205 DETECTOR COLLECTION TASK STALLED) . ++VER (Z038) FMID (CPDTK00) PRE (LU00124 LU00402 LU00524 LU00549 LU00768 LU00938 LU01002 LU01542 LU02554 LU02944 LU03710 LU03809 LU03917 LU04231 LU04263 LU04356 LU04416 LU04795 LU05052 LU06048 LU07488 LU07722 LU08817 LU08863 LU09049 R096168 R096580 R097707 R098429 R099556 S001400 S003942 S004458 S004757 S006116 S006334 S006865 S007810 S008129 S010908 S011694 S011983 S012429 S012538 S012921 S013887 S014782 S015395 S015723 S016174) SUP (AL01542 AL02554 AL02944 AL03917 AL05152 AL08206 AL09348 AS06334 AS07810 AS08129 AS13450 AS13887 AS13889 AS16113 BL01542 BS07810 CL01542 DC97644 LT00176 LT00240 LT00307 LT00329 LT00684 LT01214 LT01215 LT01393 LT01467 LT01841 LT01903 LT01933 LT01956 LT02108 LT02217 LT02220 LT02290 LT02706 LT02796 LT03093 LT03386 LT03406 LT03419 LT03461 LT04015 LT04175 LT04339 LT05051 LT05127 LT05152 LT05265 LT05502 LT05503 LT05545 LT05781 LT05823 LT05875 LT06112 LT06154 LT06249 LT06251 LT06264 LT06596 LT06738 LT06744 LT06928 LT07416 LT07809 LT08206 LT08532 LT08852 LT09003 LT09348 LT09434 LT09437 LT09754 LU00176 LU00240 LU00329 LU00684 LU01215 LU01393 LU01467 LU01841 LU01933 LU02108 LU02220 LU02290 LU02706 LU02796 LU03093 LU03386 LU03406 LU03461 LU04015 LU04339 LU05127 LU05152 LU05265 LU05503 LU05545 LU05823 LU05875 LU06112 LU06154 LU06264 LU06596 LU06744 LU06928 LU07416 LU07809 LU08206 LU08532 LU08852 LU09003 LU09348 LU09434 LU09437 R099946 SI14306 S000263 S000423 S006838 S007988 S008323 S008446 S008789 S009044

Service	Details
	SO09065 SO09239 SO09601 SO09811 SO09828 SO10018 SO10492 SO10521 SO10538 SO10652 SO11717 SO12131 SO13450 SO13655 SO13761 SO13889 SO14235 SO14338 SO14397 SO14680 SO15199 SO15499 SO15573 SO15843 SO15927 SO16113 ST00263 ST00423 ST06838 ST07220 ST07988 ST08323 ST08446 ST08789 ST09044 ST09065 ST09239 ST09601 ST09811 ST09828 ST10018 ST10492 ST10521 ST10536 ST10538 ST10652 ST11717 ST12131 ST13450 ST13655 ST13761 ST13889 ST14235 ST14338 ST14397 ST14680 ST15199 ST15499 ST15573 ST15843 ST15927 ST16113 TR99946) ++IF FMID(CINSK00) REQ(LU09753). ++HOLD (LU09754) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (23100) COMMENT (+-----+ Detector for Db2 for z/OS Version 20.0 +-----+ SEQUENCE Before Apply +-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+ USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. +-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. +-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with Db2 Tools and/or may compromise the operating system/Db2 including possible failures.).

Service	Details	
LU09758	LU09758	M.C.S. ENTRIES = ++PTF (LU09758) REWORK(2023104)
	PFL0036E ISSUED WHEN PROCESSING TABLES WITH LONG NAMES	
	PROBLEM DESCRIPTION:	
	Fast Load for Db2 for z/OS (PFL) may issue error message PFL0036E and end with a U0100 abend when processing tables with names longer than 18 character. The problem occurs when DATA-AVAILABLE CRITICAL is specified.	
	SYMPTOMS:	
	The following error message is issued:	
	PFL0036E - Dynamic SQL failed with SQLCODE -302	
	DSNT408I SQLCODE = -302, ERROR: THE VALUE OF INPUT VARIABLE OR PARAMETER NUMBER 001 IS INVALID OR TOO LARGE FOR THE TARGET COLUMN OR THE TARGET VALUE	
	DSNT418I SQLSTATE = 22001 SQLSTATE RETURN CODE	
	DSNT415I SQLERRP = DSNXECP SQL PROCEDURE DETECTING ERROR	
	DSNT416I SQLERRD = -315 0 0 256 0 0 SQL DIAGNOSTIC INFORMATION	
	DSNT416I SQLERRD = X'FFFFFFEC5' X'00000000' X'00000000' X'00000100' X'00000000' X'00000000' SQL DIAGNOSTIC INFORMATION	
	IMPACT:	
	PFL issues error message PFL0036E and ends with a U0100 abend.	
	CIRCUMVENTION:	
	None.	
	PRODUCT(S) AFFECTED:	
	Fast Load for Db2 for z/OS	
	Version 20.0	
	Related Problem:	
	PFL 20132	
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	R02550-D200	
	DESC(PFL0036E ISSUED WHEN PROCESSING TABLES WITH LONG NAMES).	
	++VER (Z038)	
	FMID (CPFLK00)	
PRE (LU01983 LU04417 S000018 S000704 S007811 S011601 S012526 S015484)		
SUP (LT09758 ST13746 ST14320 ST14463 ST14594)		
++HOLD (LU09758) SYSTEM FMID(CPFLK00)		
REASON (DB2BIND) DATE (23104)		
COMMENT (		
+-----+		
Fast Load for Db2 for z/OS		
Version 20.0		
+-----+		
SEQUENCE After Apply		
+-----+		
PURPOSE Bind Plans and Packages		
+-----+		
USERS		
AFFECTED All Users		
+-----+		
KNOWLEDGE		
REQUIRED Db2 Tools Post Install Customization.		
+-----+		
ACCESS 1. Db2 Tools Post Install		
REQUIRED 2. BIND, SYSADM or SYSCNTL on Db2 subsystem.		
+-----+		

Service	Details
	***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If SYSVIEW for Db2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).

Service	Details
LU09767	LU09767 M.C.S. ENTRIES = ++PTF (LU09767) REWORK(2023108) MISSING KEY LABEL PROCESSING PROBLEM DESCRIPTION: The Object Framework Services (OFS) component of the Database Management Solutions for Db2 for z/OS is not generating the NO KEY LABEL clause in the CREATE TABLE DDL when tablespace type information is available. SYMPTOMS: 'NO KEY LABEL' clause is missing in the CREATE TABLE DDL generated by OFS. IMPACT: Invalid DDL may be generated. CIRCUMVENTION: None PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: OFS 19880 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02552-D200 DESC(MISSING KEY LABEL PROCESSING). ++VER (Z038) FMID (COFSK00) PRE (LU00531 LU03315 LU03659 LU04085 LU04413 LU07688 LU08241 LU08697 LU09137 R096577 R099554 S001397 S006114 S007380 S007808 S008109 S011921 S014126 S015225 S015440) SUP (LT09767 S010250 ST10250)

Service	Details
LU09776	LU09776 M.C.S. ENTRIES = ++PTF (LU09776) REWORK(2023110) VIEW PARENTS DEPENDENT VIEW NOT RECREATED IF VIEW (IMP/EXP) PROBLEM DESCRIPTION: When using RC/Migrator for Db2 for z/OS (RCM) to migrate or quick migrate view, the analysis with VIEW(IMP/EXP) option ignores view's indirect parent and children and DDL is not generated for them. SYMPTOMS: Create View DDL is missing for the view's indirect parent and children. IMPACT: Customer will not get all the related view DDL when View is the primary object and VIEW(IMP/EXP) is used during analysis. CIRCUMVENTION: Migrate using higher level object. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 20035 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02553-D200 DESC(VIEW PARENTS DEPENDENT VIEW NOT RECREATED IF VIEW (IMP/EXP)). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03657 LU04412 LU05886 LU06576 LU07268 LU08696 R096576 R097704 R099553 S001396 S004455 S004718 S006638 S006863 S007379 S008606 S009105 S011691 S011966 S012361 S012933 S013154 S015804) SUP (LT01357 LT06115 LT07359 LT09776 LU01357 LU06115 LU07359 S011988 ST11988)

Service	Details
LU09778	LU09778 M.C.S. ENTRIES = ++PTF (LU09778) REWORK(2023107) RECOVERY ESTIMATOR LICENSE CHECK AND FRS REGISTRATION ENHANCEMENT DESCRIPTION: Recovery Estimator for Db2 for z/OS have updated with product license check and feature RECOVERY ESTIMATOR now uses Feature Registration Service(FRS) to log its usage under the Recovery Analyzer product key. The logged data is available in the z/OS Function Registry and can be included in the ISV SCRT reports. PRODUCT(S) AFFECTED: CA DBM Solutions for Db2 for z/OS Base Install Version 20.0 Related Problem: INS 19385 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02554-D200 DESC(RECOVERY ESTIMATOR LICENSE CHECK AND FRS REGISTRATION). ++VER (Z038) FMID (CINSK00) PRE (LU00227 LU00438 LU01178 LU01405 LU01673 LU02061 LU02117 LU02197 LU02363 LU02609 LU03190 LU03520 LU03657 LU04369 LU04412 LU04621 LU04960 LU06364 LU06541 LU07235 LU07372 LU09151 LU09322 R099553 S000016 S001396 S004455 S006113 S007379 S007807 S010004 S011078 S012904 S015311 S015864 S015980) SUP (AL01405 LT00559 LT01643 LT01696 LT08086 LT08930 LT09202 LT09778 LU01696 LU08086 LU09202 ST09745) ++IF FMID(CUGRK00) REQ(LU09779).

Service	Details
LU09779	LU09779 M.C.S. ENTRIES = ++PTF (LU09779) REWORK(2023107) RECOVERY ESTIMATOR LICENSE CHECK AND FRS REGISTRATION ENHANCEMENT DESCRIPTION: Recovery Estimator for Db2 for z/OS have updated with product license check and feature RECOVERY ESTIMATOR now uses Feature Registration Service(FRS) to log its usage under the Recovery Analyzer product key. The logged data is available in the z/OS Function Registry and can be included in the ISV SCRT reports. PRODUCT(S) AFFECTED: CA DBM Solutions for Db2 for z/OS Base Install Version 20.0 Related Problem: INS 19385 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02554-D200 DESC(RECOVERY ESTIMATOR LICENSE CHECK AND FRS REGISTRATION). ++VER (Z038) FMID (CUGRK00) PRE (LU00689 LU00728 LU03235 LU04370 LU04435 LU04636 LU07265 LU08293 R099574 S000029 S000201 S001418 S001660 S006069 S006132 S006879 S009748 S009903 S010201 S010306 S011605 S012155 S012279 S012530 S013768 S015609 S015711) SUP (LT06858 LT09779 LU06858 S009974 ST09825 ST09907 ST09974) ++IF FMID(CINSK00) REQ(LU09778). ++HOLD (LU09779) SYSTEM FMID(CUGRK00) REASON (MSGSKEL) DATE (23107) COMMENT (<pre> +-----+ Utility General Recovery Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+ USERS AFFECTED All Db2 Tools Users +-----+-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND Authority on Db2 subsystems +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).</pre>

Service	Details
LU09789	LU09789 M.C.S. ENTRIES = ++PTF (LU09789) REWORK(2023107) KEYLABEL NOT DISPLAYED IN I-D AND SG-D REPORT PROBLEM DESCRIPTION: In RC/Query for DB2 for z/OS (RCQ), the following report do not display KEYLABEL information. * Storage Group Detail (SG-D) * Index Detail (I-D) SYMPTOMS: RCQ reports SG-D, I-D do not include KEYLABEL information. IMPACT: KEYLABEL information is missing in SG-D and I-D reports. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: RCQ 20074 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02555-D200 DESC (KEYLABEL NOT DISPLAYED IN I-D AND SG-D REPORT) . ++VER (Z038) FMID (CRCQK00) PRE (LU01410 LU04430 LU04657 LU05797 R099569 S001414 S004471 S006875 S007822) SUP (LT09789)

Service	Details		
LU09795	LU09795 M.C.S. ENTRIES = ++PTF (LU09795) REWORK(2023108) PING COMMAND RETURNS GARBLED STATUS PROBLEM DESCRIPTION: when executing the PING line command on an accelerated server using RC/Query for Db2 for z/OS the PING STATUS column returns a garbled message indicating neither successful or unsuccessful. SYMPTOMS: A garbled message appears as part of PING STATUS. IMPACT: Lack of information is given for whether a PING works. CIRCUMVENTION: n/a PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: RCQ 19692 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02556-D200 DESC(PING COMMAND RETURNS GARBLED STATUS). ++VER (Z038) FMID (CINSK00) PRE (LU04412 R097704 S006863) SUP (LT09795) ++IF FMID(CRCQK00) REQ(LU09796). ++HOLD (LU09795) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (23108) COMMENT (<table border="1"> <tr> <td>Db2 Common Components</td><td>Version 20.0</td></tr> </table> SEQUENCE After Apply PURPOSE Bind Plans and Packages USERS AFFECTED All Users KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCTL on Db2 subsystem. ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans.	Db2 Common Components	Version 20.0
Db2 Common Components	Version 20.0		

Service	Details
	IMPORTANT! If SYSVIEW for Db2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).

Service	Details
LU09796	LU09796 M.C.S. ENTRIES = ++PTF (LU09796) REWORK(2023108) PING COMMAND RETURNS GARBLED STATUS PROBLEM DESCRIPTION: when executing the PING line command on an accelerated server using RC/Query for Db2 for z/OS the PING STATUS column returns a garbled message indicating neither successful or unsuccessful. SYMPTOMS: A garbled message appears as part of PING STATUS. IMPACT: Lack of information is given for whether a PING works. CIRCUMVENTION: n/a PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: RCQ 19692 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02556-D200 DESC(PING COMMAND RETURNS GARBLED STATUS). ++VER (Z038) FMID (CRCQK00) PRE (LU04430 R097719 R099569) SUP (LT09796) ++IF FMID(CINSK00) REQ(LU09795).

Service	Details
LU09836	LU09836 M.C.S. ENTRIES = ++PTF (LU09836) REWORK(2023110) INFINITE WAIT IN ANALYSIS USING OFACCESS PROBLEM DESCRIPTION: RC/Compare for Db2 for z/OS (RCC) can hang indefinitely during analysis processing when OFAccess is enabled in the batch analysis JCL. SYMPTOMS: The analysis will never finish. IMPACT: OFAccess cannot be used for RCC Analysis. CIRCUMVENTION: Disable OFAccess to use normal catalog retrieval during analysis. PRODUCT(S) AFFECTED: RC/Compare for Db2 for z/OS Version 20.0 Related Problem: RCC 20126 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02558-D200 DESC(INFINITE WAIT IN ANALYSIS USING OFACCESS). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03314 LU03657 LU03923 LU04149 LU04412 LU05886 LU06576 LU06629 LU07268 LU08696 LU09136 LU09207 R096576 R097704 R099553 S001396 S004718 S006638 S007379 S007807 S009105 S011691 S011866 S011966 S012361 S012933 S014125 S014832 S015804) SUP (LT09836)

Service	Details																																
LU09840	LU09840 M.C.S. ENTRIES = ++PTF (LU09840) REWORK(2023104) STRATEGY JOB FAILS WITH SQL CODE -305 IN CSECT LAA@SVFY PROBLEM DESCRIPTION: Log Analyzer for Db2 for z/OS can fail with SQL code -305 when the job references a strategy that does not exist. SYMPTOMS: The following messages appear in the job log: LAE0050E SQL error detected in CSECT LAA@SVFY DSNT408I SQLCODE = -305, ERROR: THE NULL VALUE CANNOT BE ASSIGNED TO OUTPUT HOST VARIABLE NUMBER 1 BECAUSE NO INDICATOR VARIABLE IS SPECIFIED DSNT418I SQLSTATE = 22002 SQLSTATE RETURN CODE DSNT415I SQLERRP = DSNXROHB SQL PROCEDURE DETECTING ERROR DSNT416I SQLERRD = -115 0 0 -1 0 0 SQL DIAGNOSTIC INFORMATION DSNT416I SQLERRD = X'FFFFFFF8D' X'00000000' X'00000000' X'FFFFFFF' X'00000000' X'00000000' SQL DIAGNOSTIC INFORMATION IMPACT: None. The referenced strategy does not exist. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 20162 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02559-D200 DESC(STRATEGY JOB FAILS WITH SQL CODE -305 IN CSECT LAA@SVFY). ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU04419 LU06217 R099559 S000975 S004245 S008802 S011669 S012889 S015064) SUP (LT09840) ++HOLD (LU09840) SYSTEM FMID(CPLAK00) REASON (DB2BIND) DATE (23104) COMMENT (<table border="1"> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> </td> <td>Log Analyzer for Db2 for z/OS Version 20.0 </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> SEQUENCE</td> <td> After Apply </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> PURPOSE</td> <td> Bind Plans and Packages </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> USERS</td> <td> </td> </tr> <tr> <td> AFFECTED</td> <td> All Users </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> KNOWLEDGE</td> <td> </td> </tr> <tr> <td> REQUIRED</td> <td> Db2 Tools Post Install Customization. </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> ACCESS</td> <td> 1. Db2 Tools Post Install </td> </tr> <tr> <td> REQUIRED</td> <td> 2. BIND, SYSADM or SYSCNTL on Db2 subsystem. </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> </table> +	+-----+			Log Analyzer for Db2 for z/OS Version 20.0	+-----+		SEQUENCE	After Apply	+-----+		PURPOSE	Bind Plans and Packages	+-----+		USERS		AFFECTED	All Users	+-----+		KNOWLEDGE		REQUIRED	Db2 Tools Post Install Customization.	+-----+		ACCESS	1. Db2 Tools Post Install	REQUIRED	2. BIND, SYSADM or SYSCNTL on Db2 subsystem.	+-----+	
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ACCESS	1. Db2 Tools Post Install																																
REQUIRED	2. BIND, SYSADM or SYSCNTL on Db2 subsystem.																																
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Service	Details
	<pre> ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If SYSVIEW for Db2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).</pre>

Service	Details
LU09841	LU09841 M.C.S. ENTRIES = ++PTF (LU09841) REWORK(2023118) DEPRECATE PARAMETER LOAD MODULE (PTLLPARM) CREATION PROBLEM DESCRIPTION: The Database Management Solutions for Db2 for z/OS Post Install Tailoring no longer supports parameter load module (PTLLPARM) creation. The "Create Parameter Load Module (not recommended)" option is removed from the Edit Parmlib Members (PTPEPRMS) panel. PRODUCT(S) AFFECTED: Database Management Solutions for Db2 for z/OS

Service	Details
	<pre> +-----+-----+ PURPOSE Remove "Create Parameter Load Module (not recommended)" option from the "Edit Parmlib Members" (PTPEPRMS) ISPF panel. +-----+-----+ USERS All users of Post Install Tailoring. AFFECTED +-----+-----+ KNOWLEDGE Database Management Solutions for Db2 for z/OS REQUIRED Db2 Tools Post Install Tailoring +-----+-----+ ACCESS Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** This PTF removes the "Create Parameter Load Module (not recommended)" option from the "Edit Parmlib Members" (PTPEPRMS) ISPF panel. Review and update automated processes that expect "Create Parameter Load Module (not recommended)" as the last line on the "Edit Parmlib Members" (PTPEPRMS) ISPF panel.).</pre>

Service	Details
LU09845	LU09845 M.C.S. ENTRIES = ++PTF (LU09845) REWORK(2023116) SOC3 ABEND IN PFR WHEN PIT TORBA < RBA OF ICTYPE 'C' RECORD PROBLEM DESCRIPTION: Fast Recover for Db2 for z/OS (PFR) may fail with a SOC3 ABEND in the FRL@RSLY module when PIT TORBA is less than the RBA of the ICTYPE 'C' record, and the RBA of the ICTYPE 'C' record is not equal to zeros. SYMPTOMS: PFR job with PIT TORBA keyword in SYSIN terminates with a SOC3 ABEND in the FRL@RSLY module. IMPACT: PFR recovery process may terminate without recovering objects. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS (PFR) Version 20.0 Related Problem: PFR 20067 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02561-D200 DESC(SOC3 ABEND IN PFR WHEN PIT TORBA < RBA OF ICTYPE 'C' RECORD). ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU00728 LU01292 LU02712 LU03186 LU03235 LU03859 LU04103 LU04435 LU05850 LU06034 LU06423 LU07265 LU07563 LU08409 LU09088 LU09168 LU09671 R096595 R099574 S000029 S000788 S001660 S001855 S004251 S004475 S006132 S006879 S007826 S007905 S008280 S008833 S009742 S009748 S009903 S010165 S010818 S012155 S012352 S013130 S013206 S014568) SUP (AL05695 AL05850 LT02015 LT02048 LT02385 LT05695 LT05816 LT06000 LT07388 LT08618 LT09402 LT09750 LT09845 LU02048 LU02385 LU05695 LU05816 LU06000 LU07388 LU08618 LU09402 S015817 ST15817) ++HOLD (LU09845) SYSTEM FMID(CUGRK00) REASON (MSGSKEL) DATE (23116) COMMENT (Utility General Recovery Version 20.0 SEQUENCE After Apply PURPOSE Relink XMESSAGES USERS AFFECTED All Db2 Tools Users KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND Authority on Db2 subsystems *****

Service	Details
	* STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).

Service	Details
LU09854	LU09854 M.C.S. ENTRIES = ++PTF (LU09854) REWORK(2023115) SQL-EASE STAND COMMAND GENERATES DIAGNOSTIC MESSAGE PROBLEM DESCRIPTION: SQL-Ease for Db2 for z/OS (SQE) displays an extraneous diagnostic message before a standardized SQL statement is shown. SYMPTOMS: In ISQL or SQLEASE, when the SQL standardization command STAND is issued against an SQL statement, a diagnostic message appears first. The user is then required to press ENTER, before the standardized SQL statement is shown. Diagnostic message displayed: <pre>==> #BSQL length of formatted SQL buffer: 00000013 SQA\$SSQL ***</pre> IMPACT: An extraneous message is displayed when a user executes the SQL standardization command STAND against the SQL statement. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Plan Analyzer for Db2 for z/OS Version 20.0 Related Problem: PPADB2 20005 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02562-D200 DESC (SQL-EASE STAND COMMAND GENERATES DIAGNOSTIC MESSAGE). ++VER (Z038) FMID (CINSK00) PRE (LU04412) SUP (LT09854) ++IF FMID(CPPAK00) REQ(LU09855).

Service	Details
LU09855	LU09855 M.C.S. ENTRIES = ++PTF (LU09855) REWORK(2023115) SQL-EASE STAND COMMAND GENERATES DIAGNOSTIC MESSAGE PROBLEM DESCRIPTION: SQL-Ease for Db2 for z/OS (SQE) displays an extraneous diagnostic message before a standardized SQL statement is shown. SYMPTOMS: In ISQL or SQLEASE, when the SQL standardization command STAND is issued against an SQL statement, a diagnostic message appears first. The user is then required to press ENTER, before the standardized SQL statement is shown. Diagnostic message displayed: <pre>==> #BSQL length of formatted SQL buffer: 00000013 SQA\$SQL ***</pre> IMPACT: An extraneous message is displayed when a user executes the SQL standardization command STAND against the SQL statement. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Plan Analyzer for Db2 for z/OS Version 20.0 Related Problem: PPADB2 20005 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02562-D200 DESC(SQL-EASE STAND COMMAND GENERATES DIAGNOSTIC MESSAGE). ++VER (Z038) FMID (CPPAK00) PRE (LU00646 LU02493 LU04420 LU05116 LU05597 R096584 S001404 S004462 S007814 S008581 S012068 S012655) SUP (LT09855) ++IF FMID(CINSK00) REQ(LU09854).

Service	Details
LU09857	LU09857 M.C.S. ENTRIES = ++PTF (LU09857) REWORK(2023108) The following items are included in this solution: 1. PLA REDO/UNDO DDL FAILS WITH RETURN CODE 16 2. COMMENTED DROP AND ALTER STATEMENTS IN REDO/UNDO DDL ===== PLA REDO/UNDO DDL FAILS WITH RETURN CODE 16 PROBLEM DESCRIPTION: Log Analyzer for Db2 for z/OS (PLA) can fail while generating a REDO/UNDO DDL report over a log range that contains data related to an ALTER TABLESPACE SQL statement. SYMPTOMS: PLA ends with Return Code 16 and the following messages are issued: LAE0357E An error occurred in LAA@DOFS RETURN CODE : X'00000020' REASON CODE1: X'000001B0' REASON CODE2: X'00000010' LAE0364E An error occurred in LAA@DOFS RETURN CODE : X'0000000C' REASON CODE1: X'00B4XXXXXXXXXXXXXXXXXXXXX' Where X stands for the LRSN/RBA of the log record causing the failure. IMPACT: PLA fails and does not provide any data. CIRCUMVENTION: Exclude the UR that contains the failed log record in the reporting range. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 19911 ===== COMMENTED DROP AND ALTER STATEMENTS IN REDO/UNDO DDL PROBLEM DESCRIPTION: Log Analyzer for Db2 for z/OS (PLA) generates REDO/UNDO DDL that may contain commented lines describing DROP or ALTER TABLE activity in the LADDDL file. The corresponding and executable DROP and ALTER TABLE statements are not included in the generated DDL. SYMPTOMS: The generated REDO/UNDO DDL contains commented lines describing DROP or ALTER TABLE activity. IMPACT: Some log data is represented by comments instead of executable DDL statements. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 20027 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02563-D200 DESC(PLA REDO/UNDO DDL FAILS WITH RETURN CODE 16). ++VER (Z038) FMID (CPLAK00)

Service	Details
	<pre> PRE (LU00132 LU00238 LU00672 LU00882 LU00903 LU01040 LU01043 LU01538 LU01869 LU01950 LU02062 LU02230 LU02381 LU02979 LU03250 LU03282 LU03316 LU03660 LU03749 LU03925 LU04419 LU05734 LU06217 LU06631 LU07561 LU07824 LU08637 LU09138 R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S006119 S008802 S009083 S009133 S009252 S010677 S011113 S011419 S011669 S012487 S012797 S012889 S012900 S013009 S013625 S013879 S014137 S014613 S014866 S015064 S015220) SUP (LT02213 LT04562 LT06433 LT09130 LT09857 LU02213 LU04562 LU06433 S014142 S014949 ST14142 ST14924 ST14949) ++HOLD (LU09857) SYSTEM FMID(CPLAK00) REASON (MSGSKEL) DATE (23108) COMMENT (+-----+ Log Analyzer for Db2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All Db2 Tools Users +-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND Authority on Db2 subsystems +-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).</pre>

Service	Details
LU09861	LU09861 M.C.S. ENTRIES = ++PTF (LU09861) REWORK(2023115) UTILITY SORT UTS998E 8ED WITH SORT-ALL / SOC1 WITH ZIIP PROBLEM DESCRIPTION: 1. Fast Load for Db2 for z/OS (PFL) can fail with "UTS998E - UNSUCCESSFUL SORT 8ED" when all of the following conditions are met: - RECLUSTER YES SORT-ALL is specified. - Variable-length records are loaded. - Utility Sort is in use. 2. PFL can abend with SOC1 when ZIIP YES is specified and there are input conversion discards. SYMPTOMS: 1. The following message is issued: UTS998E - UNSUCCESSFUL SORT 8ED 2. SOC1 abend. IMPACT: Processing fails. CIRCUMVENTION: 1. Specify RECLUSTER SORT-CLINDX. 2. Specify ZIIP NO. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 20188 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02564-D200 DESC(UTILITY SORT UTS998E 8ED WITH SORT-ALL / SOC1 WITH ZIIP). ++VER (Z038) FMID (CPFLK00) PRE (LU00178 LU00724 LU00983 LU01379 LU02243 LU03191 LU03231 LU04417 LU04616 LU05348 LU05880 LU06365 LU07264 LU08283 LU09132 LU09378 LU09477 R099557 S000018 S000704 S007811 S008071 S009977 S010752 S011235 S011431 S011601 S011996 S012150 S012984 S013203 S015015 S015484 S016089) SUP (AL00983 LT02641 LT09861 LU02641 TR99436) ++IF FMID(CPUTK00) REQ(LU09862).

Service	Details
LU09862	LU09862 M.C.S. ENTRIES = ++PTF (LU09862) REWORK(2023115) UTILITY SORT UTS998E 8ED WITH SORT-ALL / SOC1 WITH ZIIP PROBLEM DESCRIPTION: 1. Fast Load for Db2 for z/OS (PFL) can fail with "UTS998E - UNSUCCESSFUL SORT 8ED" when all of the following conditions are met: - RECLUSTER YES SORT-ALL is specified. - Variable-length records are loaded. - Utility Sort is in use. 2. PFL can abend with SOC1 when ZIIP YES is specified and there are input conversion discards. SYMPTOMS: 1. The following message is issued: UTS998E - UNSUCCESSFUL SORT 8ED 2. SOC1 abend. IMPACT: Processing fails. CIRCUMVENTION: 1. Specify RECLUSTER SORT-CLINDX. 2. Specify ZIIP NO. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 20188 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02564-D200 DESC(UTILITY SORT UTS998E 8ED WITH SORT-ALL / SOC1 WITH ZIIP). ++VER (Z038) FMID (CPUTK00) PRE (LU04427 LU04618 LU05535 LU06206 LU06366 LU09478) SUP (LT09862) ++IF FMID(CPFLK00) REQ(LU09861).

Service	Details
LU09868	LU09868 M.C.S. ENTRIES = ++PTF (LU09868) REWORK(2023118) BATCH AUTOMAP CONSUMES EXCESSIVE CPU WITH MANY OBJECTS PROBLEM DESCRIPTION: RC/Compare for Db2 for z/OS can consume excessive CPU and run for a long time when performing a batch automap compare for large numbers of objects. The performance degradation is even more pronounced when multiple masks are involved. SYMPTOMS: The batch job runs for a very long time and uses a lot of CPU. IMPACT: Some jobs may have to be cancelled due to long duration. CIRCUMVENTION: Split the job into multiple jobs with less objects. PRODUCT(S) AFFECTED: RC/Compare for Db2 for z/OS Version 20.0 Related Problem: RCC 20206 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02566-D200 DESC(BATCH AUTOMAP CONSUMES EXCESSIVE CPU WITH MANY OBJECTS). ++VER (Z038) FMID (CINSK00) PRE (LU03657 LU04412) SUP (LT09868)

Service	Details
LU09869	LU09869 M.C.S. ENTRIES = ++PTF (LU09869) REWORK(2023114) COMMAND CENTER MASK COMMAND 'E' FAILS WITH RX218E ERROR PROBLEM DESCRIPTION: In RC/Extract for Db2 for z/OS (RCX), Command center execution of 'E' line command against an Extract dataset fails with dynamic allocation error RX288E with a return code of x'21C'. SYMPTOMS: Mask command 'E' against extract dataset from command center fails with following error message: RX218E: Extract Object Allocation Error IMPACT: User cannot mask data using command center 'E' command. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Extract for Db2 for z/OS Version 20.0 Related Problem: RCX 20003 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02567-D200 DESC(COMMAND CENTER MASK COMMAND 'E' FAILS WITH RX218E ERROR). ++VER (Z038) FMID (CRCXK00) PRE (LU04433) SUP (LT09869)

Service	Details
LU09870	LU09870 M.C.S. ENTRIES = ++PTF (LU09870) REWORK(2023114) ABEND SOC4 NGR0199C+1AE REQUEST DSIOSTAT > 50 ITEMS PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) may encounter an ABEND SOC4 in module NGR0199C+1AE when viewing Data Set I/O Statistics (request DSIOSTAT) and there are more than 50 data sets in the output. SYMPTOMS: CCSR010E NMSPRMVC SOC4 at 2FD75F9E LMOD NGRABPC2 CSECT NGR0199C+01AE CCSR021I OWNER = SYSVIEW for DB2 R20.0 CCSR022I MODULE = NGR0199C FMID = CIDBK00 RMID = LU05058 CCSR060I BREAKING EVENT ADDRESS: 00000000 2FD75F78 CCSR061I PSW: 07840001 80000000 00000000 2FD75F9E CCSR062I ILC: 02 INTERRUPT CODE: 04 CCSR067I COMPLETION CODE SOC4 REASON CODE 00000004 CCSR063I TRANSLATION EXCEPTION ADDRESS: 00000000_32250408 CCSR064I DATA AT PSW 2FD75F98 : 18E418F7 0E0E5A00 A3D88800 CCSR080I NMSPRMVC DUMP IN PROGRESS CCSR065I HOME = 01DD PRIMARY = 01DD SECONDARY = 01DD CCSR070I GR00 - GR01 00000000_32250000 00000000_000151DC CCSR070I GR02 - GR03 00000000_0014B59C 00000000_320B4870 CCSR070I GR04 - GR05 00000000_34B08004 00000000_2F87F260 CCSR070I GR06 - GR07 00000000_001532A8 00000000_00031ABC CCSR070I GR08 - GR09 00000000_0000DC00 00000000_32233720 CCSR070I GR10 - GR11 00000000_0006D000 00000000_00153000 CCSR070I GR12 - GR13 00000000_2FD75DF0 00000000_0014B5B0 CCSR070I GR14 - GR15 00000000_34B248E4 00000000_000151DC IMPACT: The data collector is abnormally terminated and must be restarted. CIRCUMVENTION: Avoid using the DSIOSTAT request. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 20229 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02568-D200 DESC (ABEND SOC4 NGR0199C+1AE REQUEST DSIOSTAT > 50 ITEMS). ++VER (Z038) FMID (CIDBK00) PRE (LU04411 LU05058 LU06285 LU06379 R096575 S001395 S004454 SO11616) SUP (LT09870)

Service	Details
LU09875	LU09875 M.C.S. ENTRIES = ++PTF (LU09875) REWORK(2023118) FIX ISSUE WITH INTEGER TYPE IQL FIELDS PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) IQL fields of type integer that contain blanks will be incorrectly processed by the XNET agent. To fix this issue, IDB2 will replace blanks with zeroes. SYMPTOMS: Different value appears in the DBM DS REST API JSON response than the actual value for integer type fields. IMPACT: Incorrect value is displayed. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 20174 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02569-D200 DESC(FIX ISSUE WITH INTEGER TYPE IQL FIELDS). ++VER (Z038) FMID (CIDBK00) PRE (LU01166 LU03286 LU04411 R096575 R099552 S001395 S006977 S007806) SUP (LT09875)

Service	Details
LU09909	LU09909 M.C.S. ENTRIES = ++PTF (LU09909) REWORK(2023111) V13 OWNERTYPE BIND OPTIONS ENHANCEMENT DESCRIPTION: In Database Management Solutions for DB2 for z/OS (INS), the bind card services have been enhanced for the new Db2 13 bind parameter OWNERTYPE, which is supported by plans and packages. The new functionality is enabled through the following Plan Analyzer for z/OS reports and commands: - Plan BIND Parameters report - Plan REBIND Parameters report - Bind plans: B, BO, R, RO, ADDPLAN, BIND, and REBIND - Package BIND Parameters report - Package REBIND Parameters report - Bind DBRM packages: B, BO, BC, R, RO, ADDPACK, BINDPACK, REBINDPACK, and COPYPACK - Native SQL procedure packages: ROA - SQL scalar function packages: ROA - REST service packages: BC, R, RO, ADDREST, COPYPACK, and REBINDPACK PRODUCT(S) AFFECTED: Plan Analyzer for DB2 for z/OS Version 20.0 Bind Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 20031 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02572-D200 DESC(V13 OWNERTYPE BIND OPTIONS). ++VER (Z038) FMID (CINSK00) PRE (LU04412 LU04484 S010712 S011129 S011807 S012367) SUP (LT09909) ++IF FMID(CPPAK00) REQ(LU09910).

Service	Details																		
LU09910	LU09910 M.C.S. ENTRIES = ++PTF (LU09910) REWORK(2023111) V13 OWNERTYPE BIND OPTIONS ENHANCEMENT DESCRIPTION: In Database Management Solutions for DB2 for z/OS (INS), the bind card services have been enhanced for the new Db2 13 bind parameter OWNERTYPE, which is supported by plans and packages. The new functionality is enabled through the following Plan Analyzer for z/OS reports and commands: - Plan BIND Parameters report - Plan REBIND Parameters report - Bind plans: B, BO, R, RO, ADDPLAN, BIND, and REBIND - Package BIND Parameters report - Package REBIND Parameters report - Bind DBRM packages: B, BO, BC, R, RO, ADDPACK, BINDPACK, REBINDPACK, and COPYPACK - Native SQL procedure packages: ROA - SQL scalar function packages: ROA - REST service packages: BC, R, RO, ADDREST, COPYPACK, and REBINDPACK PRODUCT(S) AFFECTED: Plan Analyzer for DB2 for z/OS Version 20.0 Bind Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 20031 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02572-D200 DESC(V13 OWNERTYPE BIND OPTIONS). ++VER (Z038) FMID (CPPAK00) PRE (LU00440 LU00646 LU01068 LU01551 LU01892 LU03822 LU04420 LU04486 LU05116 R096584 S000021 S001404 S004462 S006869 S010000 S010714 S011131 S011768 S011810 S012068 S012368 S012655 S015691) SUP (LT09910) ++IF FMID(CINSK00) REQ(LU09909). ++HOLD (LU09910) SYSTEM FMID(CPPAK00) REASON (MSGSKEL) DATE (23111) COMMENT (<table border="1"> <tr> <td>Plan Analyzer for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Relink XMESSAGES</td></tr> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All Db2 Tools Users</td></tr> <tr> <td>KNOWLEDGE</td><td></td></tr> <tr> <td>REQUIRED</td><td>Db2 Tools Post Install Customization.</td></tr> <tr> <td>ACCESS</td><td>1. Db2 Tools Post Install</td></tr> <tr> <td>REQUIRED</td><td>2. BIND Authority on Db2 subsystems</td></tr> </table>)	Plan Analyzer for Db2 for z/OS	Version 20.0	SEQUENCE	After Apply	PURPOSE	Relink XMESSAGES	USERS		AFFECTED	All Db2 Tools Users	KNOWLEDGE		REQUIRED	Db2 Tools Post Install Customization.	ACCESS	1. Db2 Tools Post Install	REQUIRED	2. BIND Authority on Db2 subsystems
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ACCESS	1. Db2 Tools Post Install																		
REQUIRED	2. BIND Authority on Db2 subsystems																		

Service	Details
	<pre> +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.). CSECT (PPA\$PUBS,#@XFCALN,PPA\$PBS2,PPA\$PBS3) . </pre>

Service	Details
LU09925	LU09925 M.C.S. ENTRIES = ++PTF (LU09925) REWORK(2023117) S13E ABEND DURING SORT IN PFR PROBLEM DESCRIPTION: Fast Recover for Db2 for z/OS (PFR) with SORTLOG YES may fail with a S13E ABEND issued by SORT due to unsuccessful sorting of the log records. SYMPTOMS: PFR job with SORTLOG YES keyword in SYSIN terminates with a S13E ABEND issued by SORT. IMPACT: PFR recovery process may terminate without recovering objects. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS (PFR) Version 20.0 Related Problem: PFR 20187 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02573-D200 DESC(S13E ABEND DURING SORT IN PFR) . ++VER (Z038) FMID (CUGRK00) PRE (LU00728 LU01182 LU04435 LU05850 LU09088 LU09168 R096595 R099574 S000029 S000788 S001660 S004249 S004251 S004799 S006132 S007826 S008280 S012155 S014568) SUP (LT07734 LT09925 LU07734)

Service	Details
LU09946	LU09946 M.C.S. ENTRIES = ++PTF (LU09946) REWORK(2023118) LOG MAINT FACILITY DELETE JOB LOG#ADEL FAILED WITH SOC4 PROBLEM DESCRIPTION: The Log Maintenance Facility deletion job LOG#ADEL fails with SYSTEM COMPLETION CODE=0C4 REASON CODE=0000010. SYMPTOMS: The Log Maintenance Facility deletion job LOG#ADEL abends with the following error messages: SYSTEM COMPLETION CODE=0C4 REASON CODE=00000010 TIME=08.00.01 SEQ=42735 CPU=0000 ASID=012A PSW AT TIME OF ERROR 078D2000 80014B42 ILC 4 INTC 10 ACTIVE MODULE ADDRESS=00000000_0000F000 OFFSET=00005B42 NAME=PTLLOGAD DATA AT PSW 00014B3C - 4780B166 1A4A9856 40001B4A IMPACT: The Log Maintenance Facility deletion job LOG#ADEL cannot be executed. CIRCUMVENTION: No circumvention. PRODUCT(S) AFFECTED: Database Management Solutions for Db2 for z/OS Version 20.0 Related Problem: GEN 20250 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02576-D200 DESC(LOG MAINT FACILITY DELETE JOB LOG#ADEL FAILED WITH SOC4). ++VER (Z038) FMID (CINSK00) PRE (LU04412 LU08030) SUP (LT09946)

Service	Details																						
LU09962	LU09962 M.C.S. ENTRIES = ++PTF (LU09962) REWORK(2023115) PTT DSNZPARM DISPLAY PANEL NOT WORKING PROBLEM DESCRIPTION: In Thread Termination/Dynamic DSNZPARM for DB2 for z/OS (PTT) the "Thread Terminator DSNZPARM Display" panel is not being displayed when the CDDS_PREFIX value is an empty string. SYMPTOMS: The following error message will be displayed: TT003E: Request has failed, abend incurred, recovery successful IMPACT: PTT will function except for viewing the DSNZPARM data. The "Thread Terminator DSNZPARM Display" panel will not display. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: PTT 20301 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02578-D200 DESC (PTT DSNZPARM DISPLAY PANEL NOT WORKING) . ++VER (Z038) FMID (CINSK00) PRE (LU04230 LU04412 LU09264 S001665 S004455 S006113 S006863 S010281 S010417 S015132 S015868) SUP (LT09962) ++HOLD (LU09962) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (23115) COMMENT (<table border="1"> <tr> <td>Db2 Common Components</td><td>Version 20.0</td></tr> </table> -----+----- <table border="1"> <tr> <td>SEQUENCE</td><td>Before Apply</td></tr> </table> -----+----- <table border="1"> <tr> <td>PURPOSE</td><td>Avoidance of module mismatch related errors in an Xmanager</td></tr> </table> -----+----- <table border="1"> <tr> <td>USERS</td><td>Collections of Db2 statistics via Detector or Subsystem</td></tr> <tr> <td>AFFECTED</td><td>Analyzer.</td></tr> <tr> <td></td><td>Db2 subsystems that have active collections.</td></tr> </table> -----+----- <table border="1"> <tr> <td>KNOWLEDGE</td><td>1. SMP/E</td></tr> <tr> <td>REQUIRED</td><td>2. z/OS System Programming</td></tr> <tr> <td></td><td>3. Db2 Tools Installation and Maintenance procedures.</td></tr> </table> -----+----- <table border="1"> <tr> <td>ACCESS</td><td>1. Product runtime libraries.</td></tr> <tr> <td>REQUIRED</td><td></td></tr> </table> -----+----- ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections.	Db2 Common Components	Version 20.0	SEQUENCE	Before Apply	PURPOSE	Avoidance of module mismatch related errors in an Xmanager	USERS	Collections of Db2 statistics via Detector or Subsystem	AFFECTED	Analyzer.		Db2 subsystems that have active collections.	KNOWLEDGE	1. SMP/E	REQUIRED	2. z/OS System Programming		3. Db2 Tools Installation and Maintenance procedures.	ACCESS	1. Product runtime libraries.	REQUIRED	
Db2 Common Components	Version 20.0																						
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REQUIRED	2. z/OS System Programming																						
	3. Db2 Tools Installation and Maintenance procedures.																						
ACCESS	1. Product runtime libraries.																						
REQUIRED																							

Service	Details
	2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with Db2 Tools and/or may compromise the operating system/Db2 including possible failures.).

Service	Details
LU09981	LU09981 M.C.S. ENTRIES = ++PTF (LU09981) REWORK(2023118) %JOBNAME SYMBOLIC IN SYSIN DD STATEMENT IS NOT RESOLVED PROBLEM DESCRIPTION: Database Analyzer for Db2 for z/OS (PDA) may generate Action JCL with an unresolved automated %JOBNAME symbolic when the symbolic is present in the SYSIN DD statement. SYMPTOMS: The %JOBNAME symbolic in the SYSIN DD statement is not resolved: <pre>//SYSIN DD * JOBNAME = '%JOBNAME'</pre> IMPACT: The generated Action job will fail. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 20262 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02583-D200 DESC(%JOBNAME SYMBOLIC IN SYSIN DD STATEMENT IS NOT RESOLVED). ++VER (Z038) FMID (CPDAK00) PRE (LU00146 LU03680 LU04415 LU06141 LU06854 LU07004 LU09171 LU09538) SUP (AL03680 LT05663 LT09981 LU05663)

Service	Details																																																																															
LU09998	LU09998 M.C.S. ENTRIES = ++PTF (LU09998) REWORK(2023118) LRSN CONVERTER ALLOWS CONVERSION FOR NON DATA-SHARING SSIDS PROBLEM DESCRIPTION: The LRSN/Timestamp conversion service in Log Analyzer for Db2 for z/OS (PLA) can be used to convert values on subsystems that do not use LRSN values. SYMPTOMS: None. IMPACT: Results of LRSN/Timestamp conversion are misleading. CIRCUMVENTION: Do not use the LRSN/Timestamp conversion service for non data-sharing subsystems. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 20249 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02587-D200 DESC(LRSN CONVERTER ALLOWS CONVERSION FOR NON DATA-SHARING SSIDS) . ++VER (Z038) FMID (CPLAK00) PRE (LU01043 LU01538 LU01869 LU02230 LU02381 LU03228 LU03250 LU04419 LU05734 LU06217 LU07561 LU09323 R096583 R099559 S000020 S000975 S001403 S004245 S008802 S009133 S011669 S012797 S012889 S013009 S013879 S014866 S015220) SUP (LT09998) <table> <tr><td>MCS</td><td>LU08684</td><td>STARTS ON PAGE 0002</td></tr> <tr><td>MCS</td><td>LU09455</td><td>STARTS ON PAGE 0020</td></tr> <tr><td>MCS</td><td>LU09538</td><td>STARTS ON PAGE 0021</td></tr> <tr><td>MCS</td><td>LU09634</td><td>STARTS ON PAGE 0022</td></tr> <tr><td>MCS</td><td>LU09635</td><td>STARTS ON PAGE 0023</td></tr> <tr><td>MCS</td><td>LU09638</td><td>STARTS ON PAGE 0025</td></tr> <tr><td>MCS</td><td>LU09642</td><td>STARTS ON PAGE 0026</td></tr> <tr><td>MCS</td><td>LU09658</td><td>STARTS ON PAGE 0028</td></tr> <tr><td>MCS</td><td>LU09659</td><td>STARTS ON PAGE 0029</td></tr> <tr><td>MCS</td><td>LU09660</td><td>STARTS ON PAGE 0029</td></tr> <tr><td>MCS</td><td>LU09671</td><td>STARTS ON PAGE 0030</td></tr> <tr><td>MCS</td><td>LU09680</td><td>STARTS ON PAGE 0032</td></tr> <tr><td>MCS</td><td>LU09701</td><td>STARTS ON PAGE 0035</td></tr> <tr><td>MCS</td><td>LU09702</td><td>STARTS ON PAGE 0036</td></tr> <tr><td>MCS</td><td>LU09703</td><td>STARTS ON PAGE 0036</td></tr> <tr><td>MCS</td><td>LU09714</td><td>STARTS ON PAGE 0038</td></tr> <tr><td>MCS</td><td>LU09749</td><td>STARTS ON PAGE 0040</td></tr> <tr><td>MCS</td><td>LU09753</td><td>STARTS ON PAGE 0040</td></tr> <tr><td>MCS</td><td>LU09754</td><td>STARTS ON PAGE 0042</td></tr> <tr><td>MCS</td><td>LU09758</td><td>STARTS ON PAGE 0046</td></tr> <tr><td>MCS</td><td>LU09767</td><td>STARTS ON PAGE 0048</td></tr> <tr><td>MCS</td><td>LU09776</td><td>STARTS ON PAGE 0049</td></tr> <tr><td>MCS</td><td>LU09778</td><td>STARTS ON PAGE 0050</td></tr> <tr><td>MCS</td><td>LU09779</td><td>STARTS ON PAGE 0053</td></tr> <tr><td>MCS</td><td>LU09789</td><td>STARTS ON PAGE 0054</td></tr> <tr><td>MCS</td><td>LU09795</td><td>STARTS ON PAGE 0055</td></tr> </table>		MCS	LU08684	STARTS ON PAGE 0002	MCS	LU09455	STARTS ON PAGE 0020	MCS	LU09538	STARTS ON PAGE 0021	MCS	LU09634	STARTS ON PAGE 0022	MCS	LU09635	STARTS ON PAGE 0023	MCS	LU09638	STARTS ON PAGE 0025	MCS	LU09642	STARTS ON PAGE 0026	MCS	LU09658	STARTS ON PAGE 0028	MCS	LU09659	STARTS ON PAGE 0029	MCS	LU09660	STARTS ON PAGE 0029	MCS	LU09671	STARTS ON PAGE 0030	MCS	LU09680	STARTS ON PAGE 0032	MCS	LU09701	STARTS ON PAGE 0035	MCS	LU09702	STARTS ON PAGE 0036	MCS	LU09703	STARTS ON PAGE 0036	MCS	LU09714	STARTS ON PAGE 0038	MCS	LU09749	STARTS ON PAGE 0040	MCS	LU09753	STARTS ON PAGE 0040	MCS	LU09754	STARTS ON PAGE 0042	MCS	LU09758	STARTS ON PAGE 0046	MCS	LU09767	STARTS ON PAGE 0048	MCS	LU09776	STARTS ON PAGE 0049	MCS	LU09778	STARTS ON PAGE 0050	MCS	LU09779	STARTS ON PAGE 0053	MCS	LU09789	STARTS ON PAGE 0054	MCS	LU09795	STARTS ON PAGE 0055
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Database Management Solutions for Db2 for z/OS 20.0
CA RS 2305 Product/Component Listing

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Product Family	Product	Release
Database Management	CA BIND ANALYZER FOR DB2 FOR Z/OS	20.00.00
	CA DATABASE ANALYZER FOR DB2 FOR Z/OS	20.00.00
	CA DBM SOLUTIONS FOR DB2 FOR Z/OS BASE INSTALL	20.00.00
	CA DBM SOLUTIONS FOR DB2 FOR Z/OS OBJECT FRAMEWORK SERVICES	20.00.00
	CA DBM SOLUTIONS FOR DB2 FOR Z/OS UI SERVICES	20.00.00
	CA DBM SOLUTIONS FOR DB2 FOR Z/OS UTILITIES COMMON	20.00.00
	CA DBM SOLUTIONS FOR DB2 FOR Z/OS UTILITY GENERAL RECOVERY	20.00.00
	CA DBM SOLUTIONS FOR DB2 FOR Z/OS UTILITY SORT SERVICE	20.00.00
	CA DBM SOLUTIONS FOR DB2 FOR Z/OS XNET COMMUNICATIONS SERVER	20.00.00
	CA DBM SOLUTIONS SNAPSHOT GENERAL SERVICES	20.00.00
	CA DETECTOR FOR DB2 FOR Z/OS	20.00.00
	CA ENDEVOR SOFTWARE CHANGE MANAGER INTERFACE FOR DB2	20.00.00
	CA FAST LOAD FOR DB2 FOR Z/OS	20.00.00
	CA FAST UNLOAD FOR DB2 FOR Z/OS	20.00.00
	CA LOG ANALYZER FOR DB2 FOR Z/OS	20.00.00
	CA PLAN ANALYZER FOR DB2 FOR Z/OS	20.00.00
	CA RAPID REORG FOR DB2 FOR Z/OS	20.00.00
	CA RC/EXTRACT FOR DB2 FOR Z/OS	20.00.00
	CA RC/MIGRATOR FOR DB2 FOR Z/OS	20.00.00
	CA RC/QUERY FOR DB2 FOR Z/OS	20.00.00
	CA RC/SECURE FOR DB2 FOR Z/OS	20.00.00
	CA RC/UPDATE FOR DB2 FOR Z/OS	20.00.00
	CA RECOVERY ANALYZER FOR DB2 FOR Z/OS	20.00.00
	CA REPORT FACILITY FOR TSO	20.00.00
	CA SYSVIEW PERFORMANCE MANAGEMENT OPTION FOR DB2 FOR Z/OS	20.00.00
	CA COMMON SQL SERVICES FOR DB2 FOR Z/OS	01.00.00
The CA RS 2305 Product/Component Count for this release is 26		

CA RS Level	Service	FMID
CAR2305	LU09998	CPLAK00
	LU09981	CPDAK00
	LU09962	CINSK00
	LU09946	CINSK00
	LU09925	CUGRK00
	LU09910	CPPAK00
	LU09909	CINSK00
	LU09875	CIDBK00
	LU09870	CIDBK00
	LU09869	CRCXK00
	LU09868	CINSK00
	LU09862	CPUTK00
	LU09861	CPFLK00
	LU09857	CPLAK00
	LU09855	CPPAK00
	LU09854	CINSK00
	LU09845	CUGRK00
	LU09841	CINSK00
	LU09840	CPLAK00
	LU09836	CINSK00
	LU09796	CRCQK00
	LU09795	CINSK00
	LU09789	CRCQK00
	LU09779	CUGRK00
	LU09778	CINSK00
	LU09776	CINSK00
	LU09767	COFSK00
	LU09758	CPFLK00
	LU09754	CPDTK00
	LU09753	CINSK00
	LU09749	CINSK00
	LU09714	CINSK00
	LU09703	CPUTK00
	LU09702	CPFLK00
	LU09701	CINSK00
	LU09680	CINSK00
	LU09671	CUGRK00
	LU09660	CPRFK02
	LU09659	CPRFK01
	LU09658	CPRFK00
	LU09642	CINSK00
	LU09638	CINSK00
	LU09635	CRCQK00
	LU09634	CINSK00
	LU09538	CPDAK00
	LU09455	CINSK00
	LU08684	CUTSK00

CA RS Level	Service	FMID
CAR2304	LU09641	CPDTK00
	LU09614	CPRAK00
	LU09594	CPFUK00
	LU09591	CPXNK00
	LU09573	CIDBK00
	LU09567	COFSK00
	LU09542	COFSK00
	LU09506	CRCUK00
	LU09493	CINSK00
	LU09492	CINSK00
	LU09484	CINSK00
	LU09483	CINSK00
	LU09478	CPUTK00
	LU09477	CPFLK00
	LU09472	CPLAK00
	LU09452	CIDBK00
	LU09449	CPSAK00
	LU09445	CPUTK00
	LU09444	CPRRK00
	LU09443	CPFUK00
	LU09442	CPFLK00
	LU09439	CINSK00
	LU09437	CPDTK00
	LU09434	CPDTK00
	LU09433	COFSK00
	LU09432	COFSK00
	LU09421	CINSK00
	LU09413	CPDTK00
	LU09412	CIDBK00
	LU09411	CUGRK00
	LU09409	CPUTK00
	LU09402	CUGRK00
	LU09401	CUGRK00
	LU09392	CPDTK00
	LU09378	CPFLK00
	LU09369	CPFLK00
	LU09368	CPRRK00
	LU09352	CPDAK00
	LU09351	CINSK00
	LU09348	CPDTK00
	LU09346	COFSK00
	LU09325	CPFUK00
	LU09324	CINSK00
	LU09323	CPLAK00
	LU09322	CINSK00
	LU09317	CIDBK00
	LU09302	CUGRK00

CA RS Level	Service	FMID
	LU09299	CUGRK00
	LU09296	CINSK00
	LU09262	CIDBK00
	LU09206	CRCCK00
	LU08885	CPPAK00
CAR2303	LU09280	CINSK00
	LU09279	CPLAK00
	LU09276	CSQ2100
	LU09264	CINSK00
	LU09222	CINSK00
	LU09208	CRCUK00
	LU09207	CINSK00
	LU09205	CINSK00
	LU09202	CINSK00
	LU09178	CINSK00
	LU09171	CPDAK00
	LU09170	CINSK00
	LU09168	CUGRK00
	LU09167	CPRFK02
	LU09166	CPRFK01
	LU09165	CPRFK00
	LU09159	CIDBK00
	LU09153	CINSK00
	LU09151	CINSK00
	LU09140	CINSK00
	LU09139	CRCXK00
	LU09138	CPLAK00
	LU09137	COFSK00
	LU09136	CINSK00
	LU09133	CPUTK00
	LU09132	CPFLK00
	LU09127	CINSK00
	LU09120	CPSAK00
	LU09119	CPDTK00
	LU09118	CINSK00
	LU09092	CIDBK00
	LU09090	CIDBK00
	LU09088	CUGRK00
	LU09087	CPUTK00
	LU09086	CINSK00
	LU09049	CPDTK00
	LU09043	CINSK00
	LU09027	CINSK00
	LU09010	CPLAK00
	LU09009	CINSK00
	LU09003	CPDTK00
	LU08986	CIDBK00

CA RS Level	Service	FMID
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	LU08976	CINSK00
	LU08964	CINSK00
	LU08956	CINSK00
	LU08873	CPUTK00
	LU08872	CPFUK00
CAR2302	LU08864	CPSAK00
	LU08863	CPDTK00
	LU08862	CINSK00
	LU08861	CIDBK00
	LU08852	CPDTK00
	LU08848	CPLAK00
	LU08840	CPSAK00
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	LU08738	CPDAK00
	LU08737	CINSK00
	LU08726	CPLAK00
	LU08722	CINSK00
	LU08699	CRCUK00
	LU08698	CRCMK00
	LU08697	COFSK00
	LU08696	CINSK00
	LU08694	CINSK00
	LU08675	CPUTK00
	LU08674	CPDAK00
	LU08673	CINSK00
	LU08671	CUGRK00
	LU08637	CPLAK00
	LU08636	COFSK00
	LU08621	CUGRK00
	LU08618	CUGRK00
	LU08600	CPSAK00
	LU08599	CINSK00

CA RS Level	Service	FMID
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	LU08555	CPDAK00
	LU08554	CINSK00
	LU08535	CINSK00
	LU08408	CINSK00
	LU08289	CPDAK00
	LU08288	CINSK00
	LU08285	CUGRK00
	LU08284	CPUTK00
	LU08283	CPFLK00
CAR2301	LU08613	CPLAK00
	LU08583	CPLAK00
	LU08575	CINSK00
	LU08567	CPLAK00
	LU08553	CUGRK00
	LU08552	CPUTK00
	LU08551	CPRRK00
	LU08550	CPFLK00
	LU08549	CINSK00
	LU08532	CPDTK00
	LU08523	CIDBK00
	LU08509	CINSK00
	LU08508	CRCMK00
	LU08507	CINSK00
	LU08471	CINSK00
	LU08444	CIDBK00
	LU08441	CINSK00
	LU08410	CPFUK00
	LU08409	CUGRK00
	LU08403	CINSK00
	LU08392	CINSK00
	LU08383	CPFUK00
	LU08369	CPDTK00
	LU08328	CIDBK00
	LU08320	CIDBK00
	LU08318	CIDBK00
	LU08297	CPDAK00
	LU08293	CUGRK00
	LU08238	CINSK00
CAR2212	LU08311	CINSK00
	LU08296	CPFLK00
	LU08274	CIDBK00
	LU08255	CPFUK00
	LU08254	CPFUK00
	LU08242	CPUTK00
	LU08241	COFSK00
	LU08232	CIDBK00

CA RS Level	Service	FMID
	LU08211	CUGRK00
	LU08206	CPDTK00
	LU08184	CINSK00
	LU08183	CAHOK00
	LU08126	CPDAK00
	LU08125	CINSK00
	LU08108	CRCXK00
	LU08107	CPFUK00
	LU08106	CINSK00
	LU08101	CINSK00
	LU08097	COFSK00
	LU08087	CPLAK00
	LU08086	CINSK00
	LU08084	CINSK00
	LU08077	CINSK00
	LU08075	CIDBK00
	LU08064	CRCXK00
	LU08063	CRCUK00
	LU08062	CRCSK00
	LU08061	CPUTK00
	LU08060	CPSAK00
	LU08059	CPRFK00
	LU08058	CPRAK00
	LU08057	CPPAK00
	LU08056	CPLAK00
	LU08055	CPFUK00
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	LU08053	CPDAK00
	LU08052	CPBAK00
	LU08051	CINSK00
	LU08050	CIDBK00
	LU08049	CAHOK00
	LU08045	CUGRK00
	LU08044	CRCXK00
	LU08043	CRCUK00
	LU08042	CRCSK00
	LU08041	CRCQK00
	LU08039	CPUTK00
	LU08037	CPRAK00
	LU08036	CPPAK00
	LU08035	CPLAK00
	LU08032	CPDAK00
	LU08031	COFSK00
	LU08030	CINSK00
	LU07996	CPDAK00
	LU07976	CPUTK00
	LU07975	CPFLK00

CA RS Level	Service	FMID
	LU07954	CINSK00
	LU07931	COFSK00
	LU07878	CPDTK00
	LU07844	CPFUK00
	LU07836	CINSK00
	LU07835	CIDBK00
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	LU07825	CINSK00
	LU07824	CPLAK00
	LU07816	CIDBK00
	LU07815	CIDBK00
	LU07810	CINSK00
	LU07771	CUGRK00
CAR2211	LU07855	CINSK00
	LU07809	CPDTK00
	LU07797	CINSK00
	LU07779	CRCQK00
	LU07753	CIDBK00
	LU07744	CINSK00
	LU07743	CINSK00
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	LU07714	CPFLK00
	LU07697	CIDBK00
	LU07688	COFSK00
	LU07687	CINSK00
	LU07679	CINSK00
	LU07668	CPLAK00
	LU07662	CINSK00
	LU07657	CPRFK02
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	LU07636	CIDBK00
	LU07635	CRCUK00
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	LU07608	CINSK00
	LU07604	CINSK00
	LU07569	CINSK00
	LU07565	CPDAK00
	LU07564	CINSK00
	LU07563	CUGRK00

CA RS Level	Service	FMID
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	LU07558	CINSK00
	LU07544	CINSK00
	LU07524	CPDTK00
	LU07523	CINSK00
	LU07515	CPFUK00
	LU07504	CINSK00
	LU07499	CRCQK00
	LU07498	CINSK00
	LU07493	CINSK00
	LU07462	CPUTK00
	LU07461	CPFLK00
	LU07460	CINSK00
	LU07407	CINSK00
	LU07406	CIDBK00
	LU07329	CIDBK00
CAR2210	LU07488	CPDTK00
	LU07486	CPDAK00
	LU07484	CPUTK00
	LU07483	CPFLK00
	LU07459	COFSK00
	LU07436	CINSK00
	LU07418	CINSK00
	LU07416	CPDTK00
	LU07415	CPRFK02
	LU07388	CUGRK00
	LU07375	CPLAK00
	LU07373	CUGRK00
	LU07372	CINSK00
	LU07359	CINSK00
	LU07346	CINSK00
	LU07315	CINSK00
	LU07311	CUGRK00
	LU07278	CRCQK00
	LU07272	CRCXK00
	LU07271	CRCUK00
	LU07270	CRCMK00
	LU07269	CPFUK00
	LU07268	CINSK00
	LU07265	CUGRK00
	LU07264	CPFLK00
	LU07262	CIDBK00
	LU07257	COFSK00
	LU07254	CINSK00
	LU07248	CINSK00
	LU07235	CINSK00

CA RS Level	Service	FMID
	LU07221	CPDAK00
	LU07209	CRCXK00
	LU07208	CRCUK00
	LU07207	CRC SK00
	LU07206	CRCQK00
	LU07205	CRCMK00
	LU07204	CINSK00
	LU07203	CAHOK00
	LU07187	CINSK00
	LU07183	CPLAK00
	LU07181	CIDBK00
	LU07180	CPFUK00
	LU07168	CUGRK00
	LU07149	CIDBK00
	LU07146	CIDBK00
	LU07096	COFSK00
	LU07078	CINSK00
	LU07065	CPLAK00
	LU07004	CPDAK00
	LU06826	CPUTK00
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	S016259	CPRFK01
	S016167	CPRFK02
	S016166	CPRFK01
	S016151	CPRFK02
	S016150	CPRFK01
	S015777	CPRFK02
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	S014406	CPRFK02
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	S014337	CIDBK00
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	S013731	CPRFK01
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	LU07100	CPDTK00
	LU07094	CPRFK02
	LU07093	CPRFK01
	LU07092	CPRFK00
	LU07077	CINSK00
	LU07070	CINSK00
	LU07067	CRCXK00
	LU07047	CIDBK00
	LU07005	CIDBK00
	LU06991	CPRFK02
	LU06990	CPRFK01
	LU06989	CPRFK00
	LU06976	CPUTK00

CA RS Level	Service	FMID
	LU06975	CPFUK00
	LU06965	CIDBK00
	LU06960	CIDBK00
	LU06936	CINSK00
	LU06928	CPDTK00
	LU06921	CINSK00
	LU06920	CRCUK00
	LU06919	CRCQK00
	LU06918	CPFUK00
	LU06914	COFSK00
	LU06913	CINSK00
	LU06910	CINSK00
	LU06887	CINSK00
	LU06866	CIDBK00
	LU06863	CPRAK00
	LU06862	CUGRK00
	LU06858	CUGRK00
	LU06854	CPDAK00
	LU06842	CIDBK00
	LU06839	CPRFK00
	LU06836	CPLAK00
	LU06792	CINSK00
	LU06791	CPUTK00
	LU06790	CPFUK00
	LU06789	CPFLK00
	LU06753	CRCXK00
	LU06752	CRCUK00
	LU06751	CRC SK00
	LU06750	CRCQK00
	LU06747	CRCMK00
	LU06746	CAHOK00
	LU06744	CPDTK00
	LU06709	CPRFK02
	LU06708	CPRFK01
	LU06688	CINSK00
	LU06687	CIDBK00
	LU06649	CTGRK00
	LU06503	CIDBK00
	LU05683	CPRFK02
	LU05682	CPRFK01
	LU05171	CPRFK02
	LU05170	CPRFK01
	LU04424	CPRFK02
	LU04423	CPRFK01
	LU04410	CEU9K00
	LU04379	CPRFK02
	LU04353	CEU9K00

CA RS Level	Service	FMID
	LU01976	CEU9K00
	LU01323	CPRFK02
	LU01322	CPRFK01
	LU01104	CPRFK02
	LU01103	CPRFK01
	LU00583	CPRFK02
	LU00582	CPRFK01
	LU00252	CPRFK02
	LU00251	CPRFK01
CAR2208	LU06761	CPDAK00
	LU06755	CINSK00
	LU06707	CPRFK00
	LU06699	CPFUK00
	LU06694	CPDTK00
	LU06684	CPPAK00
	LU06683	CPSAK00
	LU06680	CINSK00
	LU06662	CPFUK00
	LU06661	CPLAK00
	LU06635	CINSK00
	LU06632	CRCXK00
	LU06631	CPLAK00
	LU06630	COFSK00
	LU06629	CINSK00
	LU06625	CINSK00
	LU06611	CIDBK00
	LU06606	CINSK00
	LU06601	CINSK00
	LU06596	CPDTK00
	LU06591	CPUTK00
	LU06590	CPFLK00
	LU06584	CPDAK00
	LU06577	CRCUK00
	LU06576	CINSK00
	LU06570	CUGRK00
	LU06569	CPRAK00
	LU06568	CINSK00
	LU06553	CIDBK00
	LU06547	CIDBK00
	LU06546	CPLAK00
	LU06541	CINSK00
	LU06526	CUGRK00
	LU06525	CPRAK00
	LU06524	CPLAK00
	LU06515	CUGRK00
	LU06511	CIDBK00
	LU06508	CINSK00

CA RS Level	Service	FMID
	LU06505	CPDTK00
	LU06460	CPDTK00
	LU06459	CINSK00
	LU06433	CPLAK00
	LU06432	CPRAK00
	LU06430	CINSK00
	LU06423	CUGRK00
	LU06418	CPFUK00
	LU06414	CRCUK00
	LU06413	CRCQK00
	LU06412	CINSK00
	LU06401	CUGRK00
	LU06400	CPRAK00
	LU06399	CPLAK00
	LU06398	CINSK00
	LU06397	CPFUK00
	LU06394	CPDAK00
	LU06366	CPUTK00
	LU06365	CPFLK00
	LU06364	CINSK00
	LU06280	CPLAK00
CAR2207	LU06419	CIDBK00
	LU06415	CPDTK00
	LU06407	CINSK00
	LU06379	CIDBK00
	LU06361	CIDBK00
	LU06357	CSQ2100
	LU06348	CINSK00
	LU06321	CINSK00
	LU06311	CTGRK00
	LU06310	CRCUK00
	LU06309	CINSK00
	LU06307	CPDAK00
	LU06305	CPFUK00
	LU06304	CPFLK00
	LU06302	CRCQK00
	LU06301	CPDAK00
	LU06300	CINSK00
	LU06299	CPUTK00
	LU06298	CINSK00
	LU06297	CINSK00
	LU06292	CINSK00
	LU06291	CPDTK00
	LU06289	CPUTK00
	LU06285	CIDBK00
	LU06284	CPFUK00
	LU06278	COFSK00

CA RS Level	Service	FMID
	LU06265	CIDBK00
	LU06264	CPDTK00
	LU06261	CINSK00
	LU06257	COFSK00
	LU06230	COFSK00
	LU06229	CIDBK00
	LU06218	CIDBK00
	LU06217	CPLAK00
	LU06216	CINSK00
	LU06213	CUGRK00
	LU06206	CPUTK00
	LU06188	CIDBK00
	LU06172	CINSK00
	LU06166	CIDBK00
	LU06163	CPFLK00
	LU06161	CIDBK00
	LU06154	CPDTK00
	LU06152	CRCQK00
	LU06148	CINSK00
	LU06141	CPDAK00
	LU06140	CIDBK00
	LU06137	CPSAK00
	LU06136	CRCQK00
	LU06120	CINSK00
	LU06117	CINSK00
	LU06115	CINSK00
	LU06112	CPDTK00
	LU06109	CIDBK00
	LU06076	CPFLK00
	LU06052	CINSK00
	LU06051	CINSK00
	LU05989	CINSK00
	LU05871	CINSK00
CAR2206	LU06107	CINSK00
	LU06100	CIDBK00
	LU06087	CUGRK00
	LU06086	CPUTK00
	LU06085	CPRFK00
	LU06084	CPLAK00
	LU06083	CPFUK00
	LU06082	CPDAK00
	LU06081	CINSK00
	LU06080	CPUTK00
	LU06079	CPRRK00
	LU06078	CPFUK00
	LU06077	CPFLK00
	LU06074	CPSAK00

CA RS Level	Service	FMID
	LU06073	CINSK00
	LU06050	CPUTK00
	LU06049	CPSAK00
	LU06048	CPDTK00
	LU06047	COFSK00
	LU06046	CINSK00
	LU06045	CIDBK00
	LU06034	CUGRK00
	LU06033	CIDBK00
	LU06000	CUGRK00
	LU05999	CIDBK00
	LU05998	CPDTK00
	LU05997	CINSK00
	LU05995	CINSK00
	LU05994	CIDBK00
	LU05993	CINSK00
	LU05987	CRCXK00
	LU05984	CPPAK00
	LU05976	CIDBK00
	LU05973	CPLAK00
	LU05971	CINSK00
	LU05967	CINSK00
	LU05954	CPLAK00
	LU05931	CINSK00
	LU05913	CUGRK00
	LU05900	CUGRK00
	LU05889	CRCXK00
	LU05888	CRCUK00
	LU05887	CPFUK00
	LU05886	CINSK00
	LU05884	CPUTK00
	LU05883	CPFLK00
	LU05881	CPFUK00
	LU05880	CPFLK00
	LU05879	CIDBK00
	LU05876	CINSK00
	LU05875	CPDTK00
	LU05873	CPDTK00
	LU05869	CUGRK00
	LU05868	CPUTK00
	LU05867	CPRRK00
	LU05866	CPFLK00
	LU05865	CINSK00
	LU05857	CUGRK00
	LU05851	CIDBK00
	LU05850	CUGRK00
	LU05836	CRC SK00

CA RS Level	Service	FMID
	LU05823	CPDTK00
	LU05816	CUGRK00
	LU05806	COFSK00
	LU05798	CINSK00
	LU05797	CRCQK00
	LU05796	CPDTK00
	LU05794	CINSK00
	LU05790	CINSK00
	LU05788	CIDBK00
	LU05775	CINSK00
	LU05767	CIDBK00
	LU05764	CINSK00
	LU05761	CPSAK00
	LU05749	CIDBK00
	LU05747	CPFUK00
	LU05739	CINSK00
	LU05734	CPLAK00
	LU05732	CPRAK00
	LU05717	CINSK00
	LU05701	CINSK00
	LU05685	CIDBK00
	LU05635	CRCXK00
	LU05634	CRCUK00
	LU05633	CRC SK00
	LU05632	CRCQK00
	LU05631	CRCMK00
	LU05630	CPFUK00
	LU05629	CINSK00
	LU05628	CAHOK00
	LU05597	CPPAK00
	LU05596	CINSK00
	LU05577	CPLAK00
	LU05562	CPDTK00
	LU05444	CINSK00
CAR2205	LU05695	CUGRK00
	LU05687	CIDBK00
	LU05684	CUGRK00
	LU05681	CPRFK00
	LU05663	CPDAK00
	LU05647	CIDBK00
	LU05606	CIDBK00
	LU05600	CIDBK00
	LU05590	CINSK00
	LU05564	CIDBK00
	LU05555	CRCQK00
	LU05547	CINSK00
	LU05545	CPDTK00

CA RS Level	Service	FMID
	LU05535	CPUTK00
	LU05534	CPFLK00
	LU05530	CPDTK00
	LU05528	COFSK00
	LU05520	CINSK00
	LU05515	CPSAK00
	LU05511	CINSK00
	LU05505	CRCQK00
	LU05503	CPDTK00
	LU05497	CIDBK00
	LU05496	CPLAK00
	LU05495	CPDAK00
	LU05464	CIDBK00
	LU05461	CPSAK00
	LU05457	CPFLK00
	LU05423	CPUTK00
	LU05422	CUGRK00
	LU05408	CRCQK00
	LU05407	CINSK00
	LU05401	CINSK00
	LU05397	CPFUK00
	LU05396	CINSK00
	LU05387	CUGRK00
	LU05382	CINSK00
	LU05377	CAHOK00
	LU05367	CINSK00
	LU05366	CINSK00
	LU05364	CINSK00
	LU05361	CINSK00
	LU05359	CINSK00
	LU05352	CPLAK00
	LU05350	CUGRK00
	LU05349	CPUTK00
	LU05348	CPFLK00
	LU05347	CINSK00
	LU05335	COFSK00
	LU05331	CINSK00
	LU05313	CPPAK00
	LU05312	CINSK00
	LU05305	CPUTK00
	LU05304	CPFUK00
	LU05296	CINSK00
	LU05292	CPUTK00
	LU05271	CIDBK00
	LU05225	CPFLK00
	LU05162	CINSK00
	LU05161	CINSK00

CA RS Level	Service	FMID
CAR2204	LU05155	CPLAK00
	LU05278	CINSK00
	LU05277	CRCQK00
	LU05276	CINSK00
	LU05265	CPDTK00
	LU05243	CINSK00
	LU05242	CINSK00
	LU05224	CIDBK00
	LU05211	CIDBK00
	LU05210	CUGRK00
	LU05209	CPUTK00
	LU05208	CPRRK00
	LU05207	CPFLK00
	LU05206	CINSK00
	LU05177	CRCUK00
	LU05176	CRCQK00
	LU05175	CINSK00
	LU05169	CPRFK00
	LU05156	CINSK00
	LU05152	CPDTK00
	LU05142	CINSK00
	LU05140	CPRAK00
	LU05127	CPDTK00
	LU05118	CRCUK00
	LU05117	CPUTK00
	LU05116	CPPAK00
	LU05115	CPLAK00
	LU05114	CPFUK00
	LU05113	CPDTK00
	LU05112	CPDAK00
	LU05111	CINSK00
	LU05110	CSQ2100
	LU05109	CINSK00
	LU05103	CIDBK00
	LU05102	CPDAK00
	LU05098	CIDBK00
	LU05091	CRCCK00
	LU05090	CRCMK00
	LU05089	CINSK00
	LU05085	CPDAK00
	LU05080	CINSK00
	LU05060	CPDTK00
	LU05059	CINSK00
	LU05058	CIDBK00
	LU05052	CPDTK00
	LU05036	CRCQK00
	LU05035	COFSK00

CA RS Level	Service	FMID
	LU05032	CIDBK00
	LU05031	CINSK00
	LU05025	CPDTK00
	LU05019	CPLAK00
	LU05006	CIDBK00
	LU04990	CPUTK00
	LU04989	CPDAK00
	LU04988	CINSK00
	LU04982	CPUTK00
	LU04981	CPFUK00
	LU04980	CPFLK00
	LU04966	CUGRK00
	LU04965	CPRRK00
	LU04962	CUGRK00
	LU04961	CUGRK00
	LU04960	CINSK00
	LU04953	CRCSK00
	LU04952	CRCQK00
	LU04951	CRCMK00
	LU04950	CINSK00
	LU04949	CAHOK00
	LU04945	CINSK00
	LU04932	CRCUK00
	LU04931	CRCMK00
	LU04930	CINSK00
	LU04919	CIDBK00
	LU04908	CINSK00
	LU04896	CINSK00
	LU04875	CRCMK00
	LU04874	CINSK00
	LU04813	CINSK00
	LU04797	CPPAK00
	LU04103	CUGRK00
	LU04102	CPLAK00
CAR2203	LU04880	CPRAK00
	LU04870	CUGRK00
	LU04869	CPUTK00
	LU04868	CPFUK00
	LU04857	CINSK00
	LU04855	CPXNK00
	LU04842	CPLAK00
	LU04834	CRCQK00
	LU04818	CIDBK00
	LU04803	CIDBK00
	LU04795	CPDTK00
	LU04789	CPFUK00
	LU04788	CPLAK00

CA RS Level	Service	FMID
	LU04746	CINSK00
	LU04733	CPSAK00
	LU04732	CUGRK00
	LU04675	CPFUK00
	LU04657	CRCQK00
	LU04656	CINSK00
	LU04654	CINSK00
	LU04653	CPSAK00
	LU04637	CPRRK00
	LU04636	CUGRK00
	LU04621	CINSK00
	LU04619	CUGRK00
	LU04618	CPUTK00
	LU04616	CPFLK00
	LU04586	CPDTK00
	LU04573	CINSK00
	LU04566	CIDBK00
	LU04562	CPLAK00
	LU04561	CSQ2100
	LU04530	CRCQK00
	LU04529	CINSK00
	LU04498	CIDBK00
	LU04493	CINSK00
	LU04490	CPDTK00
	LU04489	CRCMK00
	LU04488	CINSK00
	LU04486	CPPAK00
	LU04485	CPBAK00
	LU04484	CINSK00
	LU04483	CINSK00
	LU04464	CRCMK00
	LU04463	CINSK00
	LU04459	CINSK00
	LU04458	CINSK00
	LU04452	CINSK00
	LU04444	COFSK00
	LU04370	CUGRK00
	LU04369	CINSK00
CAR2202	LU04462	CSQ2100
	LU04443	CINSK00
	LU04436	CUTSK00
	LU04435	CUGRK00
	LU04434	CTGRK00
	LU04433	CRCXK00
	LU04432	CRCUK00
	LU04431	CRCSK00
	LU04430	CRCQK00

CA RS Level	Service	FMID
	LU04429	CRCMK00
	LU04428	CPXNK00
	LU04427	CPUTK00
	LU04426	CPSAK00
	LU04425	CPRRK00
	LU04422	CPRFK00
	LU04421	CPRAK00
	LU04420	CPPAK00
	LU04419	CPLAK00
	LU04418	CPFUK00
	LU04417	CPFLK00
	LU04416	CPDTK00
	LU04415	CPDAK00
	LU04414	CPBAK00
	LU04413	COFSK00
	LU04412	CINSK00
	LU04411	CIDBK00
	LU04409	CAHOK00
	LU04405	CINSK00
	LU04400	CINSK00
	LU04399	CINSK00
	LU04376	CINSK00
	LU04374	CIDBK00
	LU04371	CIDBK00
	LU04358	CTGRK00
	LU04357	CPSAK00
	LU04356	CPDTK00
	LU04355	CINSK00
	LU04354	CIDBK00
	LU04339	CPDTK00
	LU04287	CIDBK00
	LU04282	CIDBK00
	LU04264	CINSK00
	LU04263	CPDTK00
	LU04262	CINSK00
	LU04244	CRCQK00
	LU04243	CINSK00
	LU04232	CPSAK00
	LU04231	CPDTK00
	LU04230	CINSK00
	LU04229	CIDBK00
	LU04222	CIDBK00
	LU04221	CPDAK00
	LU04220	CINSK00
	LU04217	CIDBK00
	LU04202	COFSK00
	LU04167	CINSK00

CA RS Level	Service	FMID
	LU04161	CPUTK00
	LU04160	CPFUK00
	LU04159	CPFLK00
	LU04151	CRCXK00
	LU04150	CRCUK00
	LU04149	CINSK00
	LU04146	CINSK00
	LU04136	CINSK00
	LU04123	CPUTK00
	LU04122	CPDAK00
	LU04121	CINSK00
	LU04100	CIDBK00
	LU04097	CIDBK00
	LU04085	COFSK00
	LU04084	CINSK00
	LU04082	CINSK00
	LU04006	CINSK00
	LU04004	CPLAK00
	LU03822	CPPAK00
	LU02151	CINSK00
CAR2201	LU04094	CINSK00
	LU04027	CIDBK00
	LU04026	CIDBK00
	LU04015	CPDTK00
	LU03998	CPDTK00
	LU03997	CINSK00
	LU03961	CINSK00
	LU03955	CINSK00
	LU03954	CIDBK00
	LU03953	CINSK00
	LU03952	CINSK00
	LU03935	CRCQK00
	LU03929	CIDBK00
	LU03926	CRCXK00
	LU03925	CPLAK00
	LU03924	COFSK00
	LU03923	CINSK00
	LU03918	CPSAK00
	LU03917	CPDTK00
	LU03907	CINSK00
	LU03879	CINSK00
	LU03878	CINSK00
	LU03869	CINSK00
	LU03859	CUGRK00
	LU03856	CINSK00
	LU03847	CPUTK00
	LU03846	CPFLK00

CA RS Level	Service	FMID
	LU03838	CINSK00
	LU03827	CPFUK00
	LU03814	CPDAK00
	LU03813	CINSK00
	LU03809	CPDTK00
	LU03808	CINSK00
	LU03789	CINSK00
	LU03788	CINSK00
	LU03762	CPDAK00
	LU03761	CINSK00
	LU03760	CSQ2100
	LU03759	CUGRK00
	LU03749	CPLAK00
	LU03742	CPFLK00
	LU03735	CUGRK00
	LU03734	CPUTK00
	LU03733	CPRRK00
	LU03732	CPFUK00
	LU03731	CPLAK00
	LU03712	CINSK00
	LU03710	CPDTK00
	LU03709	CINSK00
	LU03706	CPRAK00
	LU03703	CINSK00
	LU03691	CINSK00
	LU03686	CPUTK00
	LU03685	CPRRK00
	LU03684	CPFLK00
	LU03664	CRCXK00
	LU03663	CRCUK00
	LU03662	CRCQK00
	LU03661	CRCMK00
	LU03660	CPLAK00
	LU03659	COFSK00
	LU03657	CINSK00
	LU03499	CINSK00
CAR2112	LU03680	CPDAK00
	LU03673	CIDBK00
	LU03667	CRCUK00
	LU03666	CINSK00
	LU03629	CINSK00
	LU03601	CPSAK00
	LU03580	CUGRK00
	LU03579	CPUTK00
	LU03578	CPFUK00
	LU03577	CPFLK00
	LU03520	CINSK00

CA RS Level	Service	FMID
	LU03519	CPUTK00
	LU03500	CPLAK00
	LU03492	CPLAK00
	LU03463	CINSK00
	LU03461	CPDTK00
	LU03455	CIDBK00
	LU03453	CIDBK00
	LU03443	CUGRK00
	LU03437	CRCUK00
	LU03435	CIDBK00
	LU03417	CINSK00
	LU03406	CPDTK00
	LU03401	CPUTK00
	LU03400	CPRRK00
	LU03399	CPFLK00
	LU03391	CINSK00
	LU03386	CPDTK00
	LU03384	CPFUK00
	LU03367	CINSK00
	LU03353	CPFUK00
	LU03348	CIDBK00
	LU03344	CUGRK00
	LU03338	CPPAK00
	LU03337	CINSK00
	LU03326	CUGRK00
	LU03324	CUGRK00
	LU03323	CPUTK00
	LU03318	CRCXK00
	LU03317	CRCQK00
	LU03316	CPLAK00
	LU03315	COFSK00
	LU03314	CINSK00
	LU03309	CINSK00
	LU03308	CRCQK00
	LU03291	CINSK00
	LU03286	CIDBK00
	LU03282	CPLAK00
	LU03265	CPFUK00
	LU03252	CIDBK00
	LU02861	CINSK00
CAR2111	LU03261	CPDTK00
	LU03259	CINSK00
	LU03256	CIDBK00
	LU03250	CPLAK00
	LU03235	CUGRK00
	LU03234	CPUTK00
	LU03233	CPRRK00

CA RS Level	Service	FMID
	LU03232	CPFUK00
	LU03231	CPFLK00
	LU03228	CPLAK00
	LU03221	CINSK00
	LU03220	CRCQK00
	LU03214	CUGRK00
	LU03213	CPUTK00
	LU03212	CPRRK00
	LU03211	CPFUK00
	LU03210	CPFLK00
	LU03209	CINSK00
	LU03195	CIDBK00
	LU03192	CPUTK00
	LU03191	CPFLK00
	LU03190	CINSK00
	LU03187	CPUTK00
	LU03186	CUGRK00
	LU03162	CIDBK00
	LU03152	CPDAK00
	LU03146	CIDBK00
	LU03142	CINSK00
	LU03116	CPSAK00
	LU03101	CPBAK00
	LU03093	CPDTK00
	LU03091	CIDBK00
	LU03073	CUGRK00
	LU03035	CPDAK00
	LU03034	CPRRK00
	LU03033	CPUTK00
	LU03032	CPFUK00
	LU03023	CIDBK00
	LU03018	CPDTK00
	LU02985	CIDBK00
	LU02979	CPLAK00
	LU02945	CINSK00
	LU02886	CIDBK00
	LU02816	CPLAK00
	LU02728	CPUTK00
	LU02727	CPFUK00
	LU02726	CINSK00
	LU02712	CUGRK00
CAR2110	SO14389	CIDBK00
	LU02944	CPDTK00
	LU02894	CRCQK00
	LU02866	COFSK00
	LU02841	CIDBK00
	LU02829	CIDBK00

CA RS Level	Service	FMID
	LU02813	CINSK00
	LU02808	CINSK00
	LU02800	CIDBK00
	LU02796	CPDTK00
	LU02785	CPDAK00
	LU02767	CPLAK00
	LU02762	CUGRK00
	LU02708	CIDBK00
	LU02706	CPDTK00
	LU02665	CRCQK00
	LU02661	CINSK00
	LU02646	CIDBK00
	LU02642	CIDBK00
	LU02641	CPFLK00
	LU02634	CIDBK00
	LU02633	COFSK00
	LU02614	CINSK00
	LU02609	CINSK00
	LU02597	CRCQK00
	LU02577	CPBAK00
	LU02516	CIDBK00
	LU02489	CINSK00
	LU02472	CINSK00
	LU02471	CINSK00
	LU02280	COFSK00
	LU02279	CINSK00
CAR2109	LU02564	CRCQK00
	LU02554	CPDTK00
	LU02529	CUGRK00
	LU02524	CPDTK00
	LU02493	CPPAK00
	LU02492	CINSK00
	LU02485	CPFLK00
	LU02470	CPFUK00
	LU02456	CPDAK00
	LU02455	CINSK00
	LU02440	CPFUK00
	LU02439	CIDBK00
	LU02437	COFSK00
	LU02436	CPPAK00
	LU02428	CIDBK00
	LU02420	CINSK00
	LU02387	COFSK00
	LU02385	CUGRK00
	LU02383	CINSK00
	LU02381	CPLAK00
	LU02363	CINSK00

CA RS Level	Service	FMID
	LU02345	CINSK00
	LU02340	CIDBK00
	LU02335	CPFUK00
	LU02325	CIDBK00
	LU02307	CUGRK00
	LU02303	CIDBK00
	LU02290	CPDTK00
	LU02286	CPDTK00
	LU02271	CPDTK00
	LU02258	CPFLK00
	LU02243	CPFLK00
	LU02242	CINSK00
	LU02231	CPUTK00
	LU02230	CPLAK00
	LU02229	CINSK00
	LU02212	CINSK00
	LU02166	CINSK00
	LU02119	CTGRK00
	LU02118	CIDBK00
	LU02116	CINSK00
	LU02095	CPDAK00
CAR2108	LU02220	CPDTK00
	LU02213	CPLAK00
	LU02211	CRCUK00
	LU02197	CINSK00
	LU02164	CINSK00
	LU02143	CUTSK00
	LU02142	CIDBK00
	LU02133	CPSAK00
	LU02132	CPDTK00
	LU02131	CINSK00
	LU02124	CINSK00
	LU02117	CINSK00
	LU02108	CPDTK00
	LU02096	CIDBK00
	LU02093	CIDBK00
	LU02062	CPLAK00
	LU02061	CINSK00
	LU02053	CINSK00
	LU02048	CUGRK00
	LU02033	CIDBK00
	LU02031	CIDBK00
	LU02030	CRCQK00
	LU02029	CINSK00
	LU02008	CPFLK00
	LU02007	CPUTK00
	LU02006	CPFUK00

CA RS Level	Service	FMID
	LU02005	CINSK00
	LU01999	CINSK00
	LU01998	CUGRK00
	LU01997	CTGRK00
	LU01996	CRCXK00
	LU01995	CRCUK00
	LU01994	CRCSK00
	LU01993	CRCQK00
	LU01992	CPXNK00
	LU01991	CPUTK00
	LU01990	CPSAK00
	LU01989	CPRRK00
	LU01988	CPRFK00
	LU01987	CPRAK00
	LU01986	CPPAK00
	LU01985	CPLAK00
	LU01984	CPFUK00
	LU01983	CPFLK00
	LU01982	CPDTK00
	LU01981	CPDAK00
	LU01980	CPBAK00
	LU01979	COFSK00
	LU01978	CINSK00
	LU01977	CIDBK00
	LU01975	CAHOK00
	LU01958	CINSK00
	LU01950	CPLAK00
	LU01949	CINSK00
	LU01944	CRCXK00
	LU01939	CPFUK00
	LU01937	COFSK00
	LU01936	CUGRK00
	LU01934	CINSK00
	LU01933	CPDTK00
	LU01930	CPUTK00
	LU01927	CINSK00
	LU01922	CINSK00
	LU01845	CIDBK00
	LU01832	COFSK00
	LU01784	CINSK00
	LU01290	CINSK00
CAR2107	LU01893	CUGRK00
	LU01892	CPPAK00
	LU01891	CINSK00
	LU01869	CPLAK00
	LU01860	CPDAK00
	LU01841	CPDTK00

CA RS Level	Service	FMID
	LU01837	CINSK00
	LU01829	CIDBK00
	LU01799	CPDTK00
	LU01760	CINSK00
	LU01757	CINSK00
	LU01750	CIDBK00
	LU01732	CPSAK00
	LU01727	CPFUK00
	LU01720	CPFLK00
	LU01717	CUGRK00
	LU01706	CRCQK00
	LU01705	CINSK00
	LU01696	CINSK00
	LU01695	CPRAK00
	LU01694	CINSK00
	LU01683	CINSK00
	LU01673	CINSK00
	LU01666	CIDBK00
	LU01648	CINSK00
	LU01626	CPDAK00
	LU01625	CINSK00
	LU01610	CINSK00
	LU01581	CIDBK00
	LU01575	CINSK00
	LU01556	CIDBK00
	LU01551	CPPAK00
	LU01550	CINSK00
	LU01543	CPSAK00
	LU01542	CPDTK00
	LU01541	CIDBK00
	LU01538	CPLAK00
	LU01534	CUGRK00
	LU01526	CINSK00
	LU01525	CIDBK00
	LU01513	CIDBK00
	LU01508	CINSK00
	LU01405	CINSK00
	LU01362	CINSK00
	LU01357	CINSK00
CAR2106	LU01494	CINSK00
	LU01467	CPDTK00
	LU01432	CSQ2100
	LU01415	CPLAK00
	LU01410	CRCQK00
	LU01396	CPDTK00
	LU01393	CPDTK00
	LU01385	CPLAK00

CA RS Level	Service	FMID
	LU01384	CINSK00
	LU01380	CPUTK00
	LU01379	CPFLK00
	LU01378	CINSK00
	LU01376	CINSK00
	LU01367	CINSK00
	LU01352	CPUTK00
	LU01351	CPRRK00
	LU01350	CPFUK00
	LU01349	CPFLK00
	LU01338	CPDAK00
	LU01330	CRCQK00
	LU01321	CPRFK00
	LU01311	CPFUK00
	LU01293	CIDBK00
	LU01292	CUGRK00
	LU01291	CPUTK00
	LU01286	CINSK00
	LU01275	CINSK00
	LU01265	CINSK00
	LU01222	COFSK00
	LU01215	CPDTK00
	LU01208	CRCQK00
	LU01182	CUGRK00
	LU01181	CPRAK00
	LU01180	CPLAK00
	LU01179	COFSK00
	LU01178	CINSK00
	LU01175	CIDBK00
	LU01166	CIDBK00
	LU01165	CPFUK00
	LU01164	CIDBK00
	LU01151	CINSK00
	LU01135	CUGRK00
	LU01127	CUGRK00
	LU01122	COFSK00
	LU01121	CINSK00
	LU01118	CINSK00
	LU01107	COFSK00
	LU01106	CINSK00
	LU01102	CPRFK00
	LU01089	CPDAK00
	LU01043	CPLAK00
	LU00983	CPFLK00
CAR2105	LU01126	CPDAK00
	LU01100	CIDBK00
	LU01068	CPPAK00

CA RS Level	Service	FMID
	LU01056	CINSK00
	LU01053	COFSK00
	LU01042	CIDBK00
	LU01041	CIDBK00
	LU01040	CPLAK00
	LU01039	CINSK00
	LU01035	CIDBK00
	LU01030	CIDBK00
	LU01002	CPDTK00
	LU00989	CINSK00
	LU00982	CIDBK00
	LU00973	CUGRK00
	LU00968	CINSK00
	LU00964	CIDBK00
	LU00940	CPLAK00
	LU00938	CPDTK00
	LU00937	CINSK00
	LU00925	CINSK00
	LU00923	CPUTK00
	LU00921	CINSK00
	LU00914	CINSK00
	LU00903	CPLAK00
	LU00891	CPDAK00
	LU00890	CINSK00
	LU00887	CPUTK00
	LU00886	CPFUK00
	LU00882	CPLAK00
	LU00881	CIDBK00
	LU00863	CPFUK00
	LU00859	CPSAK00
	LU00858	CPDTK00
	LU00847	CINSK00
	LU00839	CINSK00
	LU00795	CUGRK00
	LU00794	CINSK00
	LU00769	CRCXK00
	LU00768	CPDTK00
	LU00759	CPLAK00
	LU00698	CINSK00
	LU00697	CIDBK00
	LU00678	CINSK00
	LU00592	CINSK00
	LU00581	CPRFK00
CAR2104	LU00728	CUGRK00
	LU00727	CPUTK00
	LU00726	CPRRK00
	LU00725	CPLAK00

CA RS Level	Service	FMID
	LU00724	CPFLK00
	LU00723	CINSK00
	LU00689	CUGRK00
	LU00684	CPDTK00
	LU00672	CPLAK00
	LU00659	CSQ2100
	LU00646	CPPAK00
	LU00645	CPBAK00
	LU00644	COFSK00
	LU00643	CINSK00
	LU00639	CINSK00
	LU00635	CPDAK00
	LU00613	CINSK00
	LU00597	CPLAK00
	LU00576	CPSAK00
	LU00568	CINSK00
	LU00565	CSQ2100
	LU00549	CPDTK00
	LU00545	CIDBK00
	LU00532	CRCQK00
	LU00531	COFSK00
	LU00530	CINSK00
	LU00524	CPDTK00
	LU00523	CINSK00
	LU00511	CRCUK00
	LU00510	CINSK00
	LU00509	CINSK00
	LU00508	CINSK00
	LU00500	CPSAK00
	LU00480	CPLAK00
	LU00475	CPDAK00
	LU00452	CPRRK00
	LU00450	CRCXK00
	LU00449	CRCUK00
	LU00448	CRCMK00
	LU00447	CPFUK00
	LU00446	CINSK00
	LU00440	CPPAK00
	LU00439	CPBAK00
	LU00438	CINSK00
	LU00437	CPUTK00
	LU00436	CPFLK00
	LU00435	CINSK00
	LU00434	CIDBK00
	LU00433	CRCUK00
	LU00432	CINSK00
	LU00427	CIDBK00

CA RS Level	Service	FMID
	LU00426	CINSK00
	LU00413	CRCQK00
	LU00412	CINSK00
	LU00411	CRCXK00
	LU00402	CPDTK00
	LU00400	CPRFK00
	LU00399	CINSK00
	LU00381	CPDAK00
	LU00368	CINSK00
	LU00359	CINSK00
	LU00342	CRCXK00
	LU00341	CRCUK00
	LU00340	CRCSK00
	LU00339	CRCQK00
	LU00338	CRCMK00
	LU00337	CPUTK00
	LU00336	CPRAK00
	LU00335	CPLAK00
	LU00334	CPDTK00
	LU00333	CPDAK00
	LU00332	CINSK00
	LU00331	CIDBK00
	LU00330	CAHOK00
	LU00314	CPDAK00
	LU00304	CPUTK00
	LU00303	CPRRK00
	LU00302	CPFUK00
	LU00301	CPFLK00
	LU00299	CIDBK00
	LU00283	CINSK00
	LU00277	CINSK00
	LU00275	CUGRK00
	LU00177	CPUTK00
CAR2103	S016295	CIDBK00
	S015817	CUGRK00
	S014357	CIDBK00
	S013729	CRCQK00
	LU00356	CPLAK00
	LU00329	CPDTK00
	LU00282	CIDBK00
	LU00281	CPFUK00
	LU00257	CPDAK00
	LU00256	CPDAK00
	LU00254	CINSK00
	LU00253	CIDBK00
	LU00250	CPRFK00
	LU00248	CPUTK00

CA RS Level	Service	FMID
	LU00247	CPFLK00
	LU00246	CIDBK00
	LU00242	CINSK00
	LU00240	CPDTK00
	LU00238	CPLAK00
	LU00237	CINSK00
	LU00227	CINSK00
	LU00217	CPFUK00
	LU00216	CINSK00
	LU00207	CPRFK00
	LU00194	CPUTK00
	LU00178	CPFLK00
	LU00176	CPDTK00
	LU00165	CPLAK00
	LU00162	CINSK00
	LU00159	CIDBK00
	LU00152	CUGRK00
	LU00147	CRCQK00
	LU00146	CPDAK00
	LU00145	CINSK00
	LU00141	CUGRK00
	LU00140	CPUTK00
	LU00139	CPRRK00
	LU00138	CPLAK00
	LU00137	CPFUK00
	LU00136	CPFLK00
	LU00135	CINSK00
	LU00134	CIDBK00
	LU00133	CPUTK00
	LU00132	CPLAK00
	LU00131	CINSK00
	LU00127	CINSK00
	LU00124	CPDTK00
	LU00123	CINSK00
CAR2102	S016300	CIDBK00
	S016280	CIDBK00
	S016270	CIDBK00
	S016266	CPFUK00
	S016262	CPFUK00
	S016258	CPRFK00
	S016246	CPFLK00
	S016217	CPUTK00
	S016206	CPDAK00
	S016205	CINSK00
	S016200	CIDBK00
	S016195	CPFUK00
	S016194	CINSK00

CA RS Level	Service	FMID
	S016183	CINSK00
	S016181	CUGRK00
	S016176	CINSK00
	S016175	CPSAK00
	S016174	CPDTK00
	S016173	CINSK00
	S016165	CPRFK00
	S016160	CPRRK00
	S016149	CPRFK00
	S016133	COFSK00
	S016132	CINSK00
	S016116	CIDBK00
	S016113	CPDTK00
	S016107	CIDBK00
	S016090	CPUTK00
	S016089	CPFLK00
	S016088	CINSK00
	S016075	CPLAK00
	S016071	CRCQK00
	S016067	CINSK00
	S016057	CIDBK00
	S016053	CINSK00
	S016046	CIDBK00
	S016045	CINSK00
	S015980	CINSK00
	S015952	CIDBK00
	S015864	CINSK00
CAR2101	S016040	CINSK00
	S016032	CINSK00
	S016031	CINSK00
	S016024	CINSK00
	S016001	CINSK00
	S015998	CINSK00
	S015939	CPUTK00
	S015938	CPFLK00
	S015937	CINSK00
	S015935	CPSAK00
	S015931	CIDBK00
	S015927	CPDTK00
	S015913	CIDBK00
	S015908	CINSK00
	S015895	CPLAK00
	S015868	CINSK00
	S015867	CINSK00
	S015863	CINSK00
	S015843	CPDTK00
	S015816	CRCQK00

CA RS Level	Service	FMID
	S015807	CRCXK00
	S015806	CRCUK00
	S015805	CPFUK00
	S015804	CINSK00
	S015789	CINSK00
	S015775	CPRFK00
	S015774	CPRFK00
	S015770	CINSK00
	S015761	CIDBK00
	S015760	CINSK00
	S015711	CUGRK00
	S015710	CPUTK00
	S015709	CINSK00
CAR2012	S015771	CPFLK00
	S015767	CPFUK00
	S015740	CPUTK00
	S015739	CPRRK00
	S015738	CPFLK00
	S015723	CPDTK00
	S015697	CRCQK00
	S015691	CPPAK00
	S015690	CINSK00
	S015652	CPUTK00
	S015650	COFSK00
	S015647	CIDBK00
	S015613	CINSK00
	S015609	CUGRK00
	S015585	CPRRK00
	S015573	CPDTK00
	S015541	CPUTK00
	S015531	CPLAK00
	S015506	CINSK00
	S015499	CPDTK00
	S015487	CUGRK00
	S015486	CPUTK00
	S015485	CPRRK00
	S015484	CPFLK00
	S015483	CPDAK00
	S015482	CINSK00
	S015480	CUTSK00
	S015457	CPUTK00
	S015456	CPLAK00
	S015455	CINSK00
	S015450	CRCQK00
	S015449	CINSK00
	S015444	CINSK00
	S015440	COFSK00

CA RS Level	Service	FMID
	S015395	CPDTK00
	S015394	CINSK00
	S015193	CINSK00
CAR2011	S015314	CPUTK00
	S015313	CPRRK00
	S015312	CPFLK00
	S015311	CINSK00
	S015308	CUGRK00
	S015271	CPUTK00
	S015255	CPRFK00
	S015254	CIDBK00
	S015238	CPUTK00
	S015237	CPRRK00
	S015236	CPFUK00
	S015235	CPFLK00
	S015225	COFSK00
	S015220	CPLAK00
	S015215	CINSK00
	S015205	CINSK00
	S015199	CPDTK00
	S015191	CRCMK00
	S015184	CSQ2100
	S015174	CPUTK00
	S015132	CINSK00
	S015130	CPDAK00
	S015129	CINSK00
	S015124	CPRRK00
	S015122	CINSK00
	S015094	CPSAK00
	S015086	CPFUK00
	S015075	CINSK00
	S015074	CPUTK00
	S015073	CPDTK00
	S015072	CINSK00
	S015070	CIDBK00
	S015064	CPLAK00
	S015062	COFSK00
	S015061	CINSK00
	S015049	CIDBK00
	S015045	CINSK00
	S015031	CINSK00
	S015015	CPFLK00
	S015004	CINSK00
CAR2010	S014984	CPFUK00
	S014949	CPLAK00
	S014923	CIDBK00
	S014902	CPPAK00

CA RS Level	Service	FMID
	S014901	CINSK00
	S014899	CINSK00
	S014883	CIDBK00
	S014876	CINSK00
	S014874	CINSK00
	S014866	CPLAK00
	S014865	CINSK00
	S014864	CIDBK00
	S014863	CUGRK00
	S014861	CPSAK00
	S014860	CPDTK00
	S014859	CINSK00
	S014853	CIDBK00
	S014843	CIDBK00
	S014842	CPRFK00
	S014836	CPBAK00
	S014835	CINSK00
	S014833	CRCUK00
	S014832	CINSK00
	S014827	CINSK00
	S014782	CPDTK00
	S014773	CPUTK00
	S014772	CPFLK00
	S014771	CINSK00
	S014756	CINSK00
	S014754	CIDBK00
	S014732	CPDAK00
	S014731	CINSK00
	S014721	CINSK00
	S014716	CINSK00
	S014694	CPFLK00
	S014681	CPSAK00
	S014680	CPDTK00
	S014675	CPRFK00
	S014655	COFSK00
	S014642	CIDBK00
CAR2009	S014641	CUGRK00
	S014640	CPRRK00
	S014639	CINSK00
	S014634	CINSK00
	S014624	CIDBK00
	S014623	CINSK00
	S014615	CINSK00
	S014613	CPLAK00
	S014583	CINSK00
	S014570	COFSK00
	S014568	CUGRK00

CA RS Level	Service	FMID
	S014567	CPUTK00
	S014566	CINSK00
	S014565	CPDAK00
	S014531	CIDBK00
	S014502	CPUTK00
	S014501	CPFUK00
	S014500	CINSK00
	S014491	CINSK00
	S014483	CUGRK00
	S014452	CPLAK00
	S014433	CPFLK00
	S014428	CPUTK00
	S014427	CPFLK00
	S014426	CRCQK00
	S014404	CPRFK00
	S014401	CINSK00
	S014400	CPPAK00
	S014397	CPDTK00
	S014383	CPUTK00
	S014382	CPFUK00
	S014381	CINSK00
	S014338	CPDTK00
	S014335	CRCQK00
	S014310	CUTSK00
	S014307	CRCQK00
	S014299	CPDTK00
	S014298	CINSK00
	S014295	CINSK00
	S014282	CINSK00
	S014277	CPUTK00
	S014276	CPRRK00
	S014275	CINSK00
	S014267	CPDTK00
	S014254	CIDBK00
	S014228	CIDBK00
	S014175	CPDAK00
	S014174	CINSK00
	S014126	COFSK00
	S014125	CINSK00
	S014028	CPFUK00
	S014027	CINSK00
	S013888	CINSK00
CAR2008	S014252	CPFLK00
	S014235	CPDTK00
	S014173	CINSK00
	S014168	CINSK00
	S014164	CIDBK00

CA RS Level	Service	FMID
	S014142	CPLAK00
	S014137	CPLAK00
	S014101	CRCQK00
	S014099	CIDBK00
	S014093	CIDBK00
	S014054	CPUTK00
	S014053	CPFUK00
	S014052	CINSK00
	S014036	CUGRK00
	S014035	CPUTK00
	S014034	CPRRK00
	S014033	CPLAK00
	S014032	CPFUK00
	S014031	CPFLK00
	S014030	CPDAK00
	S014029	CINSK00
	S014025	CPFLK00
	S014016	CIDBK00
	S013990	COFSK00
	S013988	CPPAK00
	S013987	CPDTK00
	S013986	CPDAK00
	S013985	CINSK00
	S013982	CSQ2100
	S013974	CINSK00
	S013973	CINSK00
	S013961	CPUTK00
	S013960	CPFUK00
	S013930	CINSK00
	S013909	CPXNK00
	S013908	CINSK00
	S013891	CIDBK00
	S013889	CPDTK00
	S013887	CPDTK00
	S013881	CUGRK00
	S013880	CPUTK00
	S013879	CPLAK00
	S013878	CINSK00
	S013842	CRCXK00
	S013839	CINSK00
	S013827	CINSK00
	S013825	CIDBK00
	S013814	CINSK00
	S013807	CINSK00
	S013794	CINSK00
	S013781	COFSK00
	S013768	CUGRK00

CA RS Level	Service	FMID
	S013767	CPUTK00
	S013766	CPFUK00
	S013765	CPFLK00
	S013764	CINSK00
	S013758	COFSK00
	S013726	CINSK00
	S013711	CINSK00
	S013709	CPUTK00
	S013708	CPRRK00
	S013707	CPFUK00
	S013706	CPFLK00
	S013574	CINSK00
CAR2007	S013761	CPDTK00
	S013730	CPRFK00
	S013718	CPLAK00
	S013717	CINSK00
	S013686	CUGRK00
	S013685	CPUTK00
	S013684	CPFUK00
	S013683	CPDAK00
	S013682	CINSK00
	S013676	CINSK00
	S013668	CRCQK00
	S013655	CPDTK00
	S013635	CPRRK00
	S013633	CPPAK00
	S013627	CUGRK00
	S013626	CPUTK00
	S013625	CPLAK00
	S013624	CINSK00
	S013616	CPDTK00
	S013596	CPUTK00
	S013586	CUGRK00
	S013584	CPDAK00
	S013557	CIDBK00
	S013539	CINSK00
	S013515	CIDBK00
	S013509	CINSK00
	S013508	CIDBK00
	S013484	CINSK00
	S013456	CRCXK00
	S013453	CINSK00
	S013450	CPDTK00
	S013437	CPFUK00
	S013421	CPSAK00
	S013417	CINSK00
	S013341	CINSK00

CA RS Level	Service	FMID
	S013340	CINSK00
	S013273	CINSK00
	S012794	CINSK00
CAR2006	S013352	CINSK00
	S013339	CPRRK00
	S013329	CPSAK00
	S013320	CINSK00
	S013319	CPFUK00
	S013316	CPUTK00
	S013308	CINSK00
	S013307	CAHOK00
	S013306	CRCUK00
	S013234	CPLAK00
	S013230	CINSK00
	S013229	CINSK00
	S013224	CPLAK00
	S013213	CINSK00
	S013206	CUGRK00
	S013205	CPUTK00
	S013204	CPRRK00
	S013203	CPFLK00
	S013193	CINSK00
	S013176	CPRRK00
	S013175	CPFLK00
	S013154	CINSK00
	S013153	CPUTK00
	S013152	CPRRK00
	S013151	CPFUK00
	S013150	CPFLK00
	S013149	CINSK00
	S013130	CUGRK00
	S013112	CRCUK00
	S013111	CINSK00
	S013098	CPUTK00
	S013097	CPFLK00
	S013096	CINSK00
	S013091	CPDTK00
	S013083	CRCQK00
	S013080	CINSK00
	S013075	CINSK00
	S013074	CPDTK00
	S013071	CINSK00
	S013066	CPFLK00
	S013044	CINSK00
	S013032	CIDBK00
	S013024	CUGRK00
	S013009	CPLAK00

CA RS Level	Service	FMID
	S013005	CIDBK00
	S012999	CINSK00
	S012994	CINSK00
	S012984	CPFLK00
	S012958	CTGRK00
	S012921	CPDTK00
	S012853	CUGRK00
	S012852	CPSAK00
	S012851	CINSK00
CAR2005	S012966	CPSAK00
	S012943	CPPAK00
	S012942	CINSK00
	S012937	CRCXK00
	S012936	CRCUK00
	S012935	CPLAK00
	S012934	CPFUK00
	S012933	CINSK00
	S012927	CPUTK00
	S012926	CPSAK00
	S012925	CPDTK00
	S012924	CINSK00
	S012904	CINSK00
	S012902	CUGRK00
	S012901	CPUTK00
	S012900	CPLAK00
	S012899	CINSK00
	S012896	CIDBK00
	S012889	CPLAK00
	S012829	CINSK00
	S012821	CPDTK00
	S012819	CINSK00
	S012817	CINSK00
	S012812	CINSK00
	S012808	CPDTK00
	S012797	CPLAK00
	S012792	CINSK00
	S012783	CRCQK00
	S012769	CIDBK00
	S012764	CINSK00
	S012763	CPLAK00
	S012754	CPSAK00
	S012751	CINSK00
	S012730	CPUTK00
	S012717	CPUTK00
	S012716	CPRRK00
	S012715	CINSK00
	S012706	CIDBK00

CA RS Level	Service	FMID
	S012657	CRCUK00
	S012656	CPUTK00
	S012655	CPPAK00
	S012654	CPLAK00
	S012653	CPFUK00
	S012652	CPDTK00
	S012651	CPDAK00
	S012650	CINSK00
	S012624	CPDAK00
	S012586	CUGRK00
	S012585	CPFLK00
	S012553	CRCCK00
	S012547	CINSK00
	S012539	CPSAK00
	S012538	CPDTK00
	S012537	CINSK00
	S012536	CIDBK00
	S012530	CUGRK00
	S012529	CPUTK00
	S012528	CPRRK00
	S012527	CPFUK00
	S012526	CPFLK00
	S012525	CINSK00
	S012524	CINSK00
	S012501	CSQ2100
	S012487	CPLAK00
	S012483	CIDBK00
	S012429	CPDTK00
	S012428	CIDBK00
	S012412	COFSK00
	S012368	CPPAK00
	S012367	CINSK00
	S012366	CRCXK00
	S012365	CRCUK00
	S012364	CPLAK00
	S012363	CPFUK00
	S012362	COFSK00
	S012361	CINSK00
	S012304	CRCUK00
CAR2004	S012426	CPDTK00
	S012400	CRCXK00
	S012397	CIDBK00
	S012396	CINSK00
	S012352	CUGRK00
	S012323	CINSK00
	S012279	CUGRK00
	S012278	CPUTK00

CA RS Level	Service	FMID
	S012277	CPRRK00
	S012276	CPFUK00
	S012275	CPFLK00
	S012274	CINSK00
	S012268	CINSK00
	S012267	CPPAK00
	S012249	CINSK00
	S012235	CUGRK00
	S012234	CUGRK00
	S012229	CRCQK00
	S012228	CINSK00
	S012219	CINSK00
	S012197	CPFUK00
	S012196	CIDBK00
	S012174	CPUTK00
	S012173	CPLAK00
	S012164	CINSK00
	S012159	CINSK00
	S012155	CUGRK00
	S012154	CTGRK00
	S012153	CPUTK00
	S012152	CPRRK00
	S012151	CPFUK00
	S012150	CPFLK00
	S012149	CINSK00
	S012147	CINSK00
	S012131	CPDTK00
	S012128	CPFLK00
	S012115	CINSK00
	S012078	CIDBK00
	S012076	CINSK00
	S012068	CPPAK00
	S012067	CINSK00
	S011977	CIDBK00
CAR2003	S012133	CIDBK00
	S012132	CINSK00
	S012110	CUGRK00
	S012109	CPRRK00
	S012108	CPFUK00
	S012107	CPFLK00
	S012106	CINSK00
	S012042	CINSK00
	S012031	CINSK00
	S012018	CUGRK00
	S012012	CRCQK00
	S012011	CINSK00
	S012000	CUGRK00

CA RS Level	Service	FMID
	S011999	CPUTK00
	S011998	CPRRK00
	S011997	CPFUK00
	S011996	CPFLK00
	S011995	CINSK00
	S011993	CPFUK00
	S011988	CINSK00
	S011983	CPDTK00
	S011981	CPUTK00
	S011976	CRCQK00
	S011971	CRCXK00
	S011970	CRCUK00
	S011969	CPLAK00
	S011968	CPFUK00
	S011967	COFSK00
	S011966	CINSK00
	S011957	CINSK00
	S011947	CPUTK00
	S011946	CPFLK00
	S011945	CINSK00
	S011942	CINSK00
	S011931	CPDAK00
	S011930	CUGRK00
	S011929	CUGRK00
	S011921	COFSK00
	S011868	CRCXK00
	S011867	CRCUK00
	S011866	CINSK00
	S011863	CINSK00
	S011862	CPUTK00
	S011861	CPRRK00
	S011849	CPUTK00
	S011848	CPUTK00
	S011847	CPRRK00
	S011846	CPFLK00
	S011843	CPSAK00
	S011806	CINSK00
	S011782	CPLAK00
	S011773	CUGRK00
	S011768	CPPAK00
	S011767	CPBAK00
	S011766	CINSK00
	S011737	CINSK00
	S011717	CPDTK00
	S011686	CUGRK00
	S011685	CPUTK00
	S011684	CINSK00

CA RS Level	Service	FMID
	S011675	CIDBK00
CAR2002	S011810	CPPAK00
	S011809	CPLAK00
	S011808	CPBAK00
	S011807	CINSK00
	S011780	CIDBK00
	S011731	CPRFK00
	S011701	CPDAK00
	S011700	CINSK00
	S011696	CINSK00
	S011695	CPSAK00
	S011694	CPDTK00
	S011693	CIDBK00
	S011691	CINSK00
	S011679	CINSK00
	S011674	CINSK00
	S011669	CPLAK00
	S011646	CUGRK00
	S011645	CPRRK00
	S011644	CPFUK00
	S011643	CPFLK00
	S011625	CPSAK00
	S011624	CPDTK00
	S011623	CINSK00
	S011616	CIDBK00
	S011608	CPXNK00
	S011606	CPDTK00
	S011605	CUGRK00
	S011604	CPUTK00
	S011603	CPRRK00
	S011602	CPFUK00
	S011601	CPFLK00
	S011583	CPLAK00
	S011576	CINSK00
	S011567	CPPAK00
	S011566	CINSK00
	S011547	CINSK00
	S011534	CINSK00
	S011521	CPUTK00
	S011520	CPFLK00
	S011499	CPDTK00
	S011476	CPFUK00
	S011475	CINSK00
	S011468	CINSK00
	S011465	CIDBK00
	S011452	CIDBK00
	S011433	CPUTK00

CA RS Level	Service	FMID
	S011432	CPRRK00
	S011431	CPFLK00
	S011430	CINSK00
	S011419	CPLAK00
	S011382	CUGRK00
	S011373	CINSK00
	S011333	CINSK00
	S011325	CPFLK00
	S011296	CPRFK00
	S011231	CINSK00
	S011086	CUGRK00
CAR2001	S011345	CPSAK00
	S011323	CUGRK00
	S011317	CINSK00
	S011263	CPDTK00
	S011261	CINSK00
	S011255	CINSK00
	S011239	CUGRK00
	S011238	CPUTK00
	S011237	CPRRK00
	S011236	CPFUK00
	S011235	CPFLK00
	S011234	CINSK00
	S011222	CPRRK00
	S011221	CINSK00
	S011201	CINSK00
	S011200	CPRRK00
	S011197	CRCQK00
	S011196	CINSK00
	S011180	COFSK00
	S011169	CUGRK00
	S011168	CPUTK00
	S011133	CRCQK00
	S011131	CPPAK00
	S011130	CPBAK00
	S011129	CINSK00
	S011114	CPUTK00
	S011113	CPLAK00
	S011112	CINSK00
	S011110	CPUTK00
	S011109	CPRRK00
	S011108	CPFUK00
	S011107	CPFLK00
	S011105	CRCUK00
	S011085	CPUTK00
	S011084	CINSK00
	S011083	CUGRK00

CA RS Level	Service	FMID
	S011080	CPRRK00
	S011079	CRCXK00
	S011078	CINSK00
	S011052	CPFUK00
	S011048	CINSK00
	S011017	CPDAK00
	S011013	CPFUK00
	S011009	CUTSK00
	S010978	CINSK00
	S010975	CRCUK00
	S010974	CINSK00
	S010955	CPSAK00
	S010908	CPDTK00
	S010907	CINSK00
	S010906	CIDBK00
	S010867	CPSAK00
	S010835	CINSK00
	S010817	CPRAK00
	S010739	CIDBK00
	S010662	CINSK00
	S010278	CPPAK00
	S010277	CPBAK00
CAR1912	S011039	CPRRK00
	S010948	CINSK00
	S010921	CPDTK00
	S010920	CINSK00
	S010872	CINSK00
	S010871	CINSK00
	S010827	CINSK00
	S010819	CUGRK00
	S010818	CUGRK00
	S010815	CINSK00
	S010789	CAHOK00
	S010788	CINSK00
	S010763	CINSK00
	S010760	CINSK00
	S010752	CPFLK00
	S010750	CINSK00
	S010716	CIDBK00
	S010714	CPPAK00
	S010713	CPBAK00
	S010712	CINSK00
	S010703	CINSK00
	S010679	CPRRK00
	S010678	CPUTK00
	S010677	CPLAK00
	S010676	CINSK00

CA RS Level	Service	FMID
	S010661	CRCQK00
	S010652	CPDTK00
	S010641	CPLAK00
	S010639	CINSK00
	S010631	CINSK00
	S010626	CPFUK00
	S010625	CPRRK00
	S010608	CPUTK00
	S010549	CINSK00
	S010512	CINSK00
	S010495	CPUTK00
	S010417	CINSK00
	S010405	CIDBK00
	S010401	CUGRK00
	S010165	CUGRK00
	S009802	CINSK00
CAR1911	S010553	CUGRK00
	S010538	CPDTK00
	S010532	CRCQK00
	S010521	CPDTK00
	S010514	CINSK00
	S010505	CPRRK00
	S010492	CPDTK00
	S010474	CPUTK00
	S010470	CUTSK00
	S010469	CINSK00
	S010468	CRCQK00
	S010442	CPFUK00
	S010437	CINSK00
	S010430	CRCQK00
	S010390	CPLAK00
	S010389	CINSK00
	S010365	CPRFK00
	S010347	CPRFK00
	S010331	CINSK00
	S010323	CINSK00
	S010321	CRCQK00
	S010306	CUGRK00
	S010292	CINSK00
	S010288	CPRFK00
	S010281	CINSK00
	S010268	CRCQK00
	S010250	COFSK00
	S010248	CIDBK00
	S010243	CINSK00
	S010236	CUTSK00
	S010201	CUGRK00

CA RS Level	Service	FMID
	S010200	CINSK00
	S010175	CPFUK00
	S010174	CINSK00
	S010173	CINSK00
	S010071	CTGRK00
	S010059	CTGRK00
	S010007	CPRRK00
	S010000	CPPAK00
	S009999	CINSK00
	S009978	CPUTK00
	S009977	CPFLK00
	S009976	CINSK00
	S009945	CINSK00
	S009911	CUGRK00
	S009797	CINSK00
CAR1910	S010196	CPUTK00
	S010195	CPFLK00
	S010194	CINSK00
	S010163	CRCQK00
	S010162	CINSK00
	S010160	CIDBK00
	S010129	CAHOK00
	S010107	CPFUK00
	S010080	CINSK00
	S010069	CINSK00
	S010066	CINSK00
	S010061	CINSK00
	S010046	CINSK00
	S010044	CUGRK00
	S010043	CPFUK00
	S010042	CPDAK00
	S010041	CINSK00
	S010038	CPUTK00
	S010029	COFSK00
	S010028	CINSK00
	S010023	CPFUK00
	S010021	CINSK00
	S010018	CPDTK00
	S010004	CINSK00
	S010001	CUGRK00
	S009974	CUGRK00
	S009973	CPUTK00
	S009954	CPRRK00
	S009929	CINSK00
	S009905	CPRRK00
	S009903	CUGRK00
	S009902	CPUTK00

CA RS Level	Service	FMID
	S009901	CPRRK00
	S009900	CPFLK00
	S009893	CINSK00
	S009892	CINSK00
	S009877	CINSK00
	S009867	CUGRK00
	S009866	CRCSK00
	S009865	CRCQK00
	S009864	CPRFK00
	S009863	CPRAK00
	S009862	CPPAK00
	S009861	CPDAK00
	S009860	CINSK00
	S009859	CIDBK00
	S009858	CAHOK00
	S009857	CINSK00
	S009854	CPUTK00
	S009852	CRCQK00
	S009851	CINSK00
	S009839	CINSK00
	S009818	CINSK00
	S009811	CPDTK00
	S009799	CINSK00
	S009787	CPPAK00
	S009786	CPBAK00
	S009785	CINSK00
	S009766	CUGRK00
	S009765	CPUTK00
	S009764	CPFUK00
	S009763	CPDAK00
	S009762	COFSK00
	S009761	CINSK00
CAR1909	S009828	CPDTK00
	S009796	CINSK00
	S009790	CINSK00
	S009759	CRCQK00
	S009748	CUGRK00
	S009743	CIDBK00
	S009742	CUGRK00
	S009714	CPRAK00
	S009708	CIDBK00
	S009693	CINSK00
	S009675	CPFUK00
	S009672	CPUTK00
	S009671	CPRRK00
	S009662	CPRFK00
	S009652	CPDAK00

CA RS Level	Service	FMID
	S009647	COFSK00
	S009602	CINSK00
	S009601	CPDTK00
	S009599	CPRRK00
	S009595	CUGRK00
	S009590	CUTSK00
	S009569	CPUTK00
	S009564	CINSK00
	S009556	CIDBK00
	S009546	CINSK00
	S009519	CIDBK00
	S009432	CPSAK00
	S009426	CINSK00
	S009423	CTGRK00
	S009417	CINSK00
	S009403	CRCSK00
	S009378	CPFLK00
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00
	S008837	CPRRK00
CAR1908	S009461	CINSK00
	S009373	CIDBK00
	S009356	CINSK00
	S009337	CPFUK00
	S009267	CPSAK00
	S009261	CINSK00
	S009253	CPUTK00
	S009252	CPLAK00
	S009239	CPDTK00
	S009232	CINSK00
	S009228	CIDBK00
	S009188	CUGRK00
	S009187	CTGRK00
	S009186	CPUTK00
	S009185	CPRFK00
	S009184	COFSK00
	S009183	CINSK00
	S009180	CPFLK00
	S009177	CIDBK00
	S009166	CRCUK00
	S009147	CUGRK00
	S009146	CINSK00
	S009135	CPUTK00
	S009133	CPLAK00
	S009132	CUGRK00
	S009130	CINSK00

CA RS Level	Service	FMID
	S009129	CRCQK00
	S009128	COFSK00
	S009126	CINSK00
	S009125	CINSK00
	S009110	CRCXK00
	S009109	CRCUK00
	S009108	CPLAK00
	S009107	CPFUK00
	S009106	COFSK00
	S009105	CINSK00
	S009089	CPRRK00
	S009088	CPDAK00
	S009083	CPLAK00
	S009068	CIDBK00
	S009065	CPDTK00
	S009055	CIDBK00
	S009054	CIDBK00
	S009044	CPDTK00
	S008969	CPRFK00
	S008963	CINSK00
	S008766	CINSK00
	S008755	CINSK00
	S008732	CPUTK00
	S008540	CINSK00
CAR1907	S009033	CINSK00
	S009028	CUGRK00
	S009027	CPUTK00
	S009026	CPRRK00
	S009025	CPFUK00
	S009024	CPFLK00
	S009023	CPDAK00
	S009022	CINSK00
	S008957	CINSK00
	S008922	CPRAK00
	S008899	CUTSK00
	S008879	CPUTK00
	S008878	CRCQK00
	S008871	CPUTK00
	S008870	CPLAK00
	S008869	CINSK00
	S008861	CPUTK00
	S008860	CPFUK00
	S008859	CINSK00
	S008858	COFSK00
	S008856	CINSK00
	S008847	CINSK00
	S008846	CIDBK00

CA RS Level	Service	FMID
	S008843	CUGRK00
	S008841	CUGRK00
	S008833	CUGRK00
	S008832	CINSK00
	S008825	CINSK00
	S008804	CINSK00
	S008803	CPUTK00
	S008802	CPLAK00
	S008799	CSQ2100
	S008789	CPDTK00
	S008782	CPUTK00
	S008762	CTGRK00
	S008750	CINSK00
	S008728	CIDBK00
	S008684	CINSK00
	S008668	CUGRK00
	S008667	CPUTK00
	S008663	COFSK00
	S008662	CINSK00
	S008654	CINSK00
	S008644	CINSK00
	S008606	CINSK00
	S008586	CPUTK00
	S008585	CPFUK00
	S008584	CPFLK00
	S008581	CPPAK00
	S008580	CPBAK00
	S008579	COFSK00
	S008578	CINSK00
	S008577	CIDBK00
	S008576	CSQ2100
	S008467	CINSK00
	S008414	CINSK00
	S008352	CPFUK00
CAR1906	S008608	CRCQK00
	S008466	CUGRK00
	S008455	CPDTK00
	S008451	CPPAK00
	S008450	CPBAK00
	S008446	CPDTK00
	S008435	COFSK00
	S008434	CINSK00
	S008429	CPUTK00
	S008428	CPFLK00
	S008427	COFSK00
	S008407	CPFLK00
	S008406	CINSK00

CA RS Level	Service	FMID
	S008403	COFSK00
	S008393	CPSAK00
	S008380	CPUTK00
	S008379	CPRRK00
	S008378	CPFLK00
	S008377	CINSK00
	S008330	CINSK00
	S008323	CPDTK00
	S008313	CINSK00
	S008302	CIDBK00
	S008296	CINSK00
	S008291	CINSK00
	S008280	CUGRK00
	S008279	CIDBK00
	S008278	CINSK00
	S008262	CINSK00
	S008244	CPDTK00
	S008240	CINSK00
	S008232	CRCQK00
	S008216	CINSK00
	S008202	CINSK00
	S008198	CINSK00
	S008190	CPSAK00
	S008128	CINSK00
	S008074	CRCMK00
CAR1905	S008204	CPDTK00
	S008193	CUGRK00
	S008137	CUGRK00
	S008136	CINSK00
	S008129	CPDTK00
	S008123	CPSAK00
	S008112	CPFUK00
	S008109	COFSK00
	S008101	COFSK00
	S008083	CPRFK00
	S008072	CPUTK00
	S008071	CPFLK00
	S008068	CPFUK00
	S008051	CINSK00
	S008025	CPRFK00
	S008016	CINSK00
	S008012	CPRAK00
	S008008	CPLAK00
	S007988	CPDTK00
	S007986	CPUTK00
	S007974	CPRFK00
	S007955	CINSK00

CA RS Level	Service	FMID
	S007954	CRCQK00
	S007940	CINSK00
	S007927	CUTSK00
	S007924	CPFLK00
	S007916	CUGRK00
	S007915	CINSK00
	S007906	CPRAK00
	S007905	CUGRK00
	S007904	CAHOK00
	S007894	CPUTK00
	S007893	CPRRK00
	S007884	CTGRK00
	S007856	CINSK00
CAR1904	S007826	CUGRK00
	S007825	CTGRK00
	S007824	CRCUK00
	S007823	CRCSK00
	S007822	CRCQK00
	S007821	CRCKM00
	S007820	CPUTK00
	S007819	CPSAK00
	S007818	CPRRK00
	S007815	CPRFK00
	S007814	CPPAK00
	S007813	CPLAK00
	S007812	CPFUK00
	S007811	CPFLK00
	S007810	CPDTK00
	S007809	CPDAK00
	S007808	COFSK00
	S007807	CINSK00
	S007806	CIDBK00
	S007804	CAHOK00
	S007774	CINSK00
	S007711	CPUTK00
	S007560	CINSK00
	S007552	CINSK00
	S007173	CUGRK00
	S007172	CPUTK00
	S007171	CPFUK00
	S007170	CPFLK00
	S007169	CINSK00
CAR1903	S007412	CINSK00
	S007384	CRCXK00
	S007383	CRCUK00
	S007382	CPLAK00
	S007381	CPFUK00

CA RS Level	Service	FMID
	S007380	COFSK00
	S007379	CINSK00
	S007369	CRCUK00
	S007323	CINSK00
	S007204	CPSAK00
CAR1902	S007167	CINSK00
	S006978	CINSK00
	S006977	CIDBK00
	S006879	CUGRK00
	S006878	CRCXK00
	S006877	CRCUK00
	S006876	CRCSK00
	S006875	CRCQK00
	S006874	CPUTK00
	S006873	CPSAK00
	S006870	CPRFK00
	S006869	CPPAK00
	S006868	CPLAK00
	S006867	CPFUK00
	S006866	CPFLK00
	S006865	CPDTK00
	S006864	COFSK00
	S006863	CINSK00
	S006862	CIDBK00
	S006838	CPDTK00
CAR1901	S006718	CPLAK00
	S006638	CINSK00
	S006619	CPUTK00
	S006611	CUTSK00
	S006610	CPUTK00
	S006609	CPRRK00
	S006608	CINSK00
	S006582	CPRRK00
	S006497	CINSK00
	S006485	CSQ2100
CAR1812	S006494	CSQ2100
	S006443	CPRFK00
	S006335	CPSAK00
	S006334	CPDTK00
	S006333	CIDBK00
	S006286	CINSK00
	S006275	CRCQK00
	S006237	CPDTK00
	S006132	CUGRK00
	S006131	CRCXK00
	S006130	CRCUK00
	S006129	CRCSK00

CA RS Level	Service	FMID
	S006128	CRCQK00
	S006127	CPUTK00
	S006126	CPSAK00
	S006125	CPRRK00
	S006122	CPRFK00
	S006121	CPRAK00
	S006120	CPPAK00
	S006119	CPLAK00
	S006118	CPFUK00
	S006117	CPFLK00
	S006116	CPDTK00
	S006115	CPDAK00
	S006114	COFSK00
	S006113	CINSK00
	S006112	CIDBK00
CAR1811	S006069	CUGRK00
	S006068	CPUTK00
	S006067	CINSK00
	S006064	CPUTK00
	S006007	CINSK00
	S005873	CINSK00
	S005700	CPUTK00
CAR1810	S005503	CPFUK00
	S005502	CPFLK00
	S005337	CUGRK00
	S005308	CSQ2100
	S005280	CINSK00
	S005266	CINSK00
	S005199	CINSK00
CAR1809	S005237	CINSK00
	S005102	CPUTK00
	S005101	CPFUK00
	S005081	CPFLK00
	S005070	CINSK00
	S005018	CUGRK00
	S005017	CTGRK00
	S005016	CPUTK00
	S005015	CPRRK00
	S005014	CPLAK00
	S005013	CPFUK00
	S005012	CPFLK00
	S005011	CINSK00
	S005010	CIDBK00
	S004949	CPUTK00
	S004948	CPDAK00
	S004947	CINSK00
	S004857	CPFLK00

CA RS Level	Service	FMID
	S004856	CRCMK00
	S004855	CINSK00
	S004799	CUGRK00
	S004798	CPUTK00
	S004797	CPRRK00
	S004796	CPRAK00
	S004795	CPLAK00
	S004794	CINSK00
	S004757	CPDTK00
	S004756	CINSK00
CAR1808	S004720	CRCUK00
	S004719	CRCMK00
	S004718	CINSK00
	S004475	CUGRK00
	S004474	CTGRK00
	S004473	CRCXK00
	S004472	CRCUK00
	S004471	CRCQK00
	S004470	CRCMK00
	S004469	CPUTK00
	S004468	CPSAK00
	S004467	CPRRK00
	S004464	CPRFK00
	S004463	CPRAK00
	S004462	CPPAK00
	S004461	CPLAK00
	S004460	CPFUK00
	S004459	CPFLK00
	S004458	CPDTK00
	S004457	CPDAK00
	S004456	COFSK00
	S004455	CINSK00
	S004454	CIDBK00
	S004437	CRCQK00
	S004275	CPFLK00
CAR1807	S004251	CUGRK00
	S004250	CINSK00
	S004249	CUGRK00
	S004248	CPUTK00
	S004247	CPRRK00
	S004246	CPRAK00
	S004245	CPLAK00
	S004244	CINSK00
	S004155	CSQ2100
	S004129	CINSK00
	S004048	CUGRK00
	S004010	CPDAK00

CA RS Level	Service	FMID
	S003992	CPUTK00
	S003965	CINSK00
	S003960	CPDTK00
	S003959	CINSK00
	S003942	CPDTK00
	S003861	CPFLK00
	S003860	CINSK00
	S003844	CPUTK00
	S003843	CINSK00
CAR1806	S003816	CUGRK00
	S003815	CPUTK00
	S003814	CINSK00
	S003677	CUGRK00
	S003676	CTGRK00
	S003587	CINSK00
	S001905	CINSK00
	S001896	CINSK00
	S001855	CUGRK00
	S001819	CUGRK00
	S001818	CPFUK00
	S001670	CRCCK00
	S001641	CPLAK00
CAR1805	S001712	CUGRK00
	S001711	CPUTK00
	S001668	CUGRK00
	S001667	CPLAK00
	S001666	COFSK00
	S001665	CINSK00
	S001664	CIDBK00
	S001660	CUGRK00
	S001659	CPUTK00
	S001658	CPRRK00
	S001657	CPFUK00
	S001656	CPFLK00
	S001655	CINSK00
	S001635	CPSAK00
	S001418	CUGRK00
	S001417	CTGRK00
	S001416	CRCXK00
	S001415	CRCUK00
	S001414	CRCQK00
	S001413	CRCMK00
	S001412	CPXNK00
	S001411	CPUTK00
	S001410	CPSAK00
	S001409	CPRRK00
	S001406	CPRFK00

CA RS Level	Service	FMID
	S001405	CPRAK00
	S001404	CPPAK00
	S001403	CPLAK00
	S001402	CPFUK00
	S001401	CPFLK00
	S001400	CPDTK00
	S001399	CPDAK00
	S001398	CPBAK00
	S001397	COFSK00
	S001396	CINSK00
	S001395	CIDBK00
CAR1804	S000978	CINSK00
	S000977	CSQ2100
	S000975	CPLAK00
	S000894	CUGRK00
	S000893	CPUTK00
	S000871	CPSAK00
	S000849	CSQ2100
	S000848	CUTSK00
	S000847	CPUTK00
	S000846	CPRRK00
	S000845	CINSK00
	S000788	CUGRK00
	S000787	CPUTK00
	S000786	CPRRK00
	S000785	CINSK00
	S000704	CPFLK00
	S000631	CSQ2100
	S000081	CPFLK00
CAR1803	S000616	CRCUK00
	S000423	CPDTK00
	S000343	CINSK00
	S000295	CPFUK00
	S000263	CPDTK00
CAR1802	S000201	CUGRK00
	S000077	CIDBK00
	S000029	CUGRK00
	S000028	CTGRK00
	S000027	CRCXK00
	S000026	CRCUK00
	S000025	CRCQK00
	S000024	CPUTK00
	S000023	CPRRK00
	S000022	CPRAK00
	S000021	CPPAK00
	S000020	CPLAK00
	S000019	CPFUK00

CA RS Level	Service	FMID
	S000018	CPFLK00
	S000017	CPDAK00
	S000016	CINSK00
	S000015	CIDBK00
	R099980	CPDTK00
	R099979	CINSK00
	R099968	CSQ2100
	R099946	CPDTK00
	R099899	CSQ2100
CAR1801	R099853	CRCXK00
	R099748	CINSK00
	R099574	CUGRK00
	R099573	CTGRK00
	R099572	CRCXK00
	R099571	CRCUK00
	R099570	CRC SK00
	R099569	CRCQK00
	R099568	CRCMK00
	R099567	CPXNK00
	R099566	CPUTK00
	R099565	CPSAK00
	R099562	CPRFK00
	R099561	CPRAK00
	R099560	CPPAK00
	R099559	CPLAK00
	R099558	CPFUK00
	R099557	CPFLK00
	R099556	CPDTK00
	R099555	CPDAK00
	R099554	COFSK00
	R099553	CINSK00
	R099552	CIDBK00
CAR1712	R099195	CPRFK00
	R098970	CUTSK00
	R098969	CPUTK00
	R098968	CPRRK00
	R098967	CINSK00
	R098859	CINSK00
	R098853	CPDTK00
	R098430	CPSAK00
	R098429	CPDTK00
	R098428	CIDBK00
CAR1711	R098496	CPRFK00
	R098251	CPSAK00
	R098088	CPDTK00
	R098087	CINSK00
CAR1710	R098041	CSQ2100

CA RS Level	Service	FMID
	R097923	CPDTK00
	R097922	CINSK00
	R097825	CPSAK00
	R097824	CPDTK00
	R097823	CINSK00
	R097722	CUGRK00
	R097721	CRCUK00
	R097720	CRC SK00
	R097719	CRCQK00
	R097718	CRCMK00
	R097717	CPUTK00
	R097716	CPSAK00
	R097715	CPRRK00
	R097712	CPRFK00
	R097711	CPRAK00
	R097710	CPPAK00
	R097709	CPLAK00
	R097708	CPFLK00
	R097707	CPDTK00
	R097706	CPDAK00
	R097705	COFSK00
	R097704	CINSK00
	R097703	CIDBK00
CAR1709	R097683	CIDBK00
	R097376	CSQ2100
CAR1708	R097169	CSQ2100
	R097090	CSQ2100
	R096595	CUGRK00
	R096594	CRCUK00
	R096593	CRCQK00
	R096592	CRCMK00
	R096591	CPXNK00
	R096590	CPUTK00
	R096589	CPSAK00
	R096588	CPRRK00
	R096585	CPRFK00
	R096584	CPPAK00
	R096583	CPLAK00
	R096582	CPFUK00
	R096581	CPFLK00
	R096580	CPDTK00
	R096579	CPDAK00
	R096578	CPBAK00
	R096577	COFSK00
	R096576	CINSK00
	R096575	CIDBK00
CAR1707	R096495	CSQ2100

CA RS Level	Service	FMID
	R096401	CUTSK00
CAR1706	R096169	CPSAK00
	R096168	CPDTK00
	R096167	CINSK00
	R096162	CPDAK00
	R096102	CSQ2100
	R096005	CUTSK00
	R096002	CUGRK00
	R095972	CUTSK00
	R095918	CUTSK00