Service	Description	Type
LU04101	INVALID IMAGE COPY UNIT NAME WHEN RECON USES DEFAULT 3400	PTF
LU04158	RELOAD DOES NOT FORMAT PROPER EMPTY PARTITIONS	PTF
LU04219	ITK STC FAILS TO DETECT UNRECYCLED IMS SYSTEMS IN COLD START	PTF
LU04313	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04314	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04315	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04316	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04317	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04318	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04319	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04320	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04321	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04322	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04323	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04358	XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING	PTF
LU04434	PTF TRACKING ELEMENT LEVEL SET	PTF

The CA RS 2202 service count for this release is 16

IMS Tools
CA RS 2202 Service List for CASTK00

FMID	Service	Description	Type
CASTK00	LU04313	PTF TRACKING ELEMENT LEVEL SET	PTF

The CA RS 2202 service count for this FMID is 1

FMID	Service	Description	Type
CCHAK00	LU04101	INVALID IMAGE COPY UNIT NAME WHEN RECON USES DEFAULT 3400	PTF
	LU04314	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 2			

FMID	Service	Description	Type
CEW2K00	LU04315	PTF TRACKING ELEMENT LEVEL SET	PTF

The CA RS 2202 service count for this FMID is 1

FMID	Service	Description	Type
CEW2K00	LU04315	PTF TRACKING ELEMENT LEVEL SET	PTF

The CA RS 2202 service count for this FMID is 1

FMID	Service	Description	Type
CEW5K00	LU04316	PTF TRACKING ELEMENT LEVEL SET	PTF

The CA RS 2202 service count for this FMID is 1

FMID	Service	Description	Type
CEW6K00	LU04317	PTF TRACKING ELEMENT LEVEL SET	PTF

The CA RS 2202 service count for this FMID is 1

FMID	Service	Description	Type
CEW6K00	LU04317	PTF TRACKING ELEMENT LEVEL SET	PTF

The CA RS 2202 service count for this FMID is 1

FMID	Service	Description	Type
CHPRK00	LU04318	PTF TRACKING ELEMENT LEVEL SET	PTF

The CA RS 2202 service count for this FMID is 1

FMID	Service	Description	Type
CIDAK00	LU04319	PTF TRACKING ELEMENT LEVEL SET	PTF

The CA RS 2202 service count for this FMID is 1

FMID	Service	Description	Type
CIDAK00	LU04319	PTF TRACKING ELEMENT LEVEL SET	PTF

The CA RS 2202 service count for this FMID is 1

CA RS 2202 Service List for CIDOK00

FMID	Service	Description	Type
CIDOK00	LU04158	RELOAD DOES NOT FORMAT PROPER EMPTY PARTITIONS	PTF
	LU04320	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 2			

IMS Tools
CA RS 2202 Service List for CITKK00

FMID	Service	Description	Type
CITKK00	LU04321	PTF TRACKING ELEMENT LEVEL SET	PTF

The CA RS 2202 service count for this FMID is 1

FMID	Service	Description	Type
CITSK00	LU04219	ITK STC FAILS TO DETECT UNRECYCLED IMS SYSTEMS IN COLD START	PTF
	LU04322	PTF TRACKING ELEMENT LEVEL SET	PTF
		The CA RS 2202 service count for this FMID is 2	

IMS Tools
CA RS 2202 Service List for CIXEK00

FMID	Service	Description	Type
CIXEK00	LU04323	PTF TRACKING ELEMENT LEVEL SET	PTF

The CA RS 2202 service count for this FMID is 1

FMID	Service	Description	Type
CTGRK00	LU04358	XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING	PTF
	LU04434	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 2			

Service	Details
LU04101	LU04101 M.C.S. ENTRIES = ++PTF (LU04101) INVALID IMAGE COPY UNIT NAME WHEN RECON USES DEFAULT 3400 PROBLEM DESCRIPTION: When CA High Performance Recovery for IMS for z/OS FUNCTION=RECOVERY is invoked with change accumulation (CHA), the processing in the NOCATDS DBRC environment can fail. Error occurs when RECON data sets initialize with default DASDUNIT/TAPEUNIT. SYMPTOMS: After checking Image copy unit name, the following error message appears: CHA4510E INVALID IMAGE COPY UNIT NAME (3400), DSN "your.dataset". Processing fails with return code RC=16. IMPACT: Unable to complete RECOVERY function in the NOCATDS DBRC environment with default DASDUNIT/TAPEUNIT. CIRCUMVENTION: Use CHANGE.RECON command to set your DBRC environment to CATDS, or set DASDUNIT/TAPEUNIT to generic unit names. PRODUCT(S) AFFECTED: Change Accumulation for IMS Version 20.0 Related Problem: CHA 15747 Copyright (C) 2022 CA. All rights reserved. R00194-I200-SP1 DESC(INVALID IMAGE COPY UNIT NAME WHEN RECON USES DEFAULT 3400). ++VER (Z038) FMID (CCHAK00) PRE (SO06913 SO09722 SO16281) SUP (LT04101)

Service	Details
LU04158	LU04158 M.C.S. ENTRIES = ++PTF (LU04158) RELOAD DOES NOT FORMAT PROPER EMPTY PARTITIONS Database Organizer for IMS for z/OS (DBO) PROBLEM DESCRIPTION: When you execute function RELOAD for HALDB and some partitions did not contain data during the unload process, DBO reloads the data phase and formats the empty partitions. DBO might pick the wrong partitions for the formatting function when they were not defined in DBRC in order of increasing KEYSTRING values, when HIKEY applies. Same might happen when you split existing partitions. DBO cannot get DBRC authorization for already reloaded partitions as they are missing the image copy. The formatting is stopped. SYMPTOMS: The following messages appear in the DBOMSGS out data set: DBOL600I FORMATTING EMPTY PARTITIONS. DBOL606I PARTITION partition-name IS EMPTY AND WILL BE FORMATTED. IDI2502E DBRC REFUSED TO GRANT ACCESS TO DATA BASE "partition-name" - DBRC RETURN CODE = 004. DBOL607E ERROR IN DBRC AUTHORIZATION. DBO terminates with return code 8. IMPACT: The RELOAD function fails. You cannot use the database. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Database Organizer for IMS Version 20.0 Related Problem: DBO 15754 Copyright (C) 2022 CA. All rights reserved. R00195-I200-SP1 DESC(RELOAD DOES NOT FORMAT PROPER EMPTY PARTITIONS). ++VER (Z038) FMID (CIDOK00) PRE (SO06915 SO09726 SO16239) SUP (LT04158)

Service	Details
LU04219	LU04219 M.C.S. ENTRIES = ++PTF (LU04219) ITK STC FAILS TO DETECT UNRECYCLED IMS SYSTEMS IN COLD START PROBLEM DESCRIPTION: The started task of the CA Common components for IMS for z/OS (ITK STC) does not detect that IMS system was not brought down before ITK STC cold start. SYMPTOMS: The ITK STC cold start proceeds successfully. The S0C4 later on can be traced to any of the following modules: HPODDLEx, HPODLA0x, HPODLD0x, HPODVBHx, HPOFXC5x, where 'x' is 'L', 'M' or 'N' depending on IMS release. IMPACT: S0C4 abend may occur during DL/I call processing under the dependent region TCB belonging to the IMS system which was not recycled. This will cause an abnormal termination (U0113) of the IMS control region. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Common Component for IMS Version 20.0 Related Problem: COM 15826 Copyright (C) 2022 CA. All rights reserved. R00196-I200-SP1 DESC(ITK STC FAILS TO DETECT UNRECYCLED IMS SYSTEMS IN COLD START). ++VER (Z038) FMID (CITSK00) PRE (SO13652) SUP (LT04219) ++HOLD (LU04219) SYSTEM FMID(CITSK00) REASON (ACTION) DATE (22013) COMMENT (

```
+---------------------------------------------------------------------+
|     Common Component for IMS                        Version 20.0    |
+----------+----------------------------------------------------------+
|SEQUENCE  | Before using Full Function Online Reorganization of DBO  |
+----------+----------------------------------------------------------+
|PURPOSE   | This describes how to activate this PTF in your          |
|          | environment.                                             |
+----------+----------------------------------------------------------+
|USERS     | All users of the Full Function Online Reorganization     |
|AFFECTED  | (FFOR) Database Organizer for IMS for z/OS (DBO).        |
+----------+----------------------------------------------------------+
|KNOWLEDGE | IMS Database Administration.                             |
|REQUIRED  |                                                          |
+----------+----------------------------------------------------------+
|ACCESS    | Ability to bounce CA Database Management for IMS started |
|REQUIRED  | task and also the IMS systems which use FFOR.           |
+----------+----------------------------------------------------------+
*************************
* STEPS   TO   PERFORM *
*************************
1. bring down any IMS control region(s) which can participate in
updates during an online reorganization. wait for completion.
```

Service	Details
	2. stop the ITK started task (STCITK is distributed name)
	3. restart the ITK started task with option TYPE=W,PAUSE=W. Wait for completion.
	4. restart the IMS control region(s).
	).

Service	Details
LU04313	LU04313 M.C.S. ENTRIES = ++PTF (LU04313) PTF TRACKING ELEMENT LEVEL SET PROBLEM DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for IMS Tools is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: Common Component for IMS Version 20.0 Related Problem: COM 15918 Copyright (C) 2022 CA. All rights reserved. R00199-I200-SP1 DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CASTK00) SUP (LT04302 LT04313) ++IF FMID(CHPRK00) REQ(LU03649 LU04318) . ++IF FMID(CCHAK00) REQ(LU04314) . ++IF FMID(CEW2K00) REQ(LU04315) . ++IF FMID(CEW5K00) REQ(LU04316) . ++IF FMID(CEW6K00) REQ(LU04317) . ++IF FMID(CIDAK00) REQ(LU04319) . ++IF FMID(CIDOK00) REQ(LU04320) . ++IF FMID(CITKK00) REQ(LU04321) .

Service	Details
	`++IF FMID(CITSK00) REQ(LU04322 ) .`
	`++IF FMID(CIXEK00) REQ(LU04323 ) .`

Service	Details
LU04314	LU04314 M.C.S. ENTRIES = ++PTF (LU04314)

```
PTF TRACKING ELEMENT LEVEL SET
PROBLEM DESCRIPTION:
This PTF enables you to use a feature in SYSVIEW called Product PTF
Analysis. An element that contains metadata for all previously
published PTFs for IMS Tools is included with this PTF.
Going forward, all PTFs will contain PTF tracking element metadata.
What is Product PTF Analysis?
Product PTF Analysis combines PTF tracking elements from your run-time
XML library with maintenance data found in your product SMP/E
installation CSI library. Product PTF Analysis provides the ability to:
* Determine the PTFs and APARs currently applied.
* View detailed descriptions of published PTFs.
* Compare the PTFs applied on each LPAR using the Cross System
component.
* View detailed SYSMOD information from the SMP/E CSI data set used
during installation and maintenance.
Product PTF Analysis shows this information for all Broadcom Mainframe
products that have the necessary XML data available. Please note that
not every product will update XML data for all prior and new fixes at
the same time. Consult each product's documentation for more
information.
How can I view Product PTF Analysis?
SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature
that performs an analysis of product SMP/E CSIs and PTF tracking
metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153
that performs the analysis. For more information, see the "New Features"
topic in the Release Notes section of the SYSVIEW documentation at
https://techdocs.broadcom.com.
SYMPTOMS:
IMPACT:
None
CIRCUMVENTION:
None
PRODUCT(S) AFFECTED:
Common Component for IMS                                Version 20.0
Related Problem:
COM    15918
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DESC(PTF TRACKING ELEMENT LEVEL SET).
++VER (Z038)
FMID (CCHAK00)
SUP ( LT04303 LT04314 )
++IF FMID(CHPRK00) REQ(LU03649 LU04318 ) .
++IF FMID(CEW2K00) REQ(LU04315 ) .
++IF FMID(CEW5K00) REQ(LU04316 ) .
++IF FMID(CEW6K00) REQ(LU04317 ) .
++IF FMID(CIDAK00) REQ(LU04319 ) .
++IF FMID(CIDOK00) REQ(LU04320 ) .
++IF FMID(CITKK00) REQ(LU04321 ) .
++IF FMID(CITSK00) REQ(LU04322 ) .
```

Service	Details
	`++IF FMID(CIXEK00) REQ(LU04323 ) .`
	`++IF FMID(CASTK00) REQ(LU04313 ) .`

Service	Details
LU04315	LU04315 M.C.S. ENTRIES = ++PTF (LU04315) PTF TRACKING ELEMENT LEVEL SET PROBLEM DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for IMS Tools is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: Common Component for IMS Version 20.0 Related Problem: COM 15918 Copyright (C) 2022 CA. All rights reserved. R00199-I200-SP1 DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CEW2K00) SUP (LT04304 LT04315) ++IF FMID(CHPRK00) REQ(LU03649 LU04318) . ++IF FMID(CCHAK00) REQ(LU04314) . ++IF FMID(CEW5K00) REQ(LU04316) . ++IF FMID(CEW6K00) REQ(LU04317) . ++IF FMID(CIDAK00) REQ(LU04319) . ++IF FMID(CIDOK00) REQ(LU04320) . ++IF FMID(CITKK00) REQ(LU04321) . ++IF FMID(CITSK00) REQ(LU04322) .

Service	Details
	`++IF FMID(CIXEK00) REQ(LU04323 ) .`
	`++IF FMID(CASTK00) REQ(LU04313 ) .`

Service	Details
LU04316	LU04316 M.C.S. ENTRIES = ++PTF (LU04316) PTF TRACKING ELEMENT LEVEL SET PROBLEM DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for IMS Tools is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: Common Component for IMS Version 20.0 Related Problem: COM 15918 Copyright (C) 2022 CA. All rights reserved. R00199-I200-SP1 DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CEW5K00) SUP (LT04305 LT04316) ++IF FMID(CHPRK00) REQ(LU03649 LU04318) . ++IF FMID(CCHAK00) REQ(LU04314) . ++IF FMID(CEW2K00) REQ(LU04315) . ++IF FMID(CEW6K00) REQ(LU04317) . ++IF FMID(CIDAK00) REQ(LU04319) . ++IF FMID(CIDOK00) REQ(LU04320) . ++IF FMID(CITKK00) REQ(LU04321) . ++IF FMID(CITSK00) REQ(LU04322) .

Service	Details
	`++IF FMID(CIXEK00) REQ(LU04323 ) .`
	`++IF FMID(CASTK00) REQ(LU04313 ) .`

Service	Details
LU04317	LU04317 M.C.S. ENTRIES = ++PTF (LU04317)

```
PTF TRACKING ELEMENT LEVEL SET
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component.
* View detailed SYSMOD information from the SMP/E CSI data set used
during installation and maintenance.
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the same time. Consult each product's documentation for more
information.
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metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153
that performs the analysis. For more information, see the "New Features"
topic in the Release Notes section of the SYSVIEW documentation at
https://techdocs.broadcom.com.
SYMPTOMS:
IMPACT:
None
CIRCUMVENTION:
None
PRODUCT(S) AFFECTED:
Common Component for IMS                                 Version 20.0
Related Problem:
COM    15918
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DESC(PTF TRACKING ELEMENT LEVEL SET).
++VER (Z038)
FMID (CEW6K00)
SUP ( LT04306 LT04317 )
++IF FMID(CHPRK00) REQ(LU03649 LU04318 ) .
++IF FMID(CCHAK00) REQ(LU04314 ) .
++IF FMID(CEW2K00) REQ(LU04315 ) .
++IF FMID(CEW5K00) REQ(LU04316 ) .
++IF FMID(CIDAK00) REQ(LU04319 ) .
++IF FMID(CIDOK00) REQ(LU04320 ) .
++IF FMID(CITKK00) REQ(LU04321 ) .
++IF FMID(CITSK00) REQ(LU04322 ) .
```

Service	Details
	++IF FMID(CIXEK00) REQ(LU04323) .
	++IF FMID(CASTK00) REQ(LU04313) .

Service	Details
LU04318	LU04318 M.C.S. ENTRIES = ++PTF (LU04318) PTF TRACKING ELEMENT LEVEL SET PROBLEM DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for IMS Tools is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: Common Component for IMS Version 20.0 Related Problem: COM 15918 Copyright (C) 2022 CA. All rights reserved. R00199-I200-SP1 DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CHPRK00) PRE (LU03649) SUP (LT04307 LT04318) ++IF FMID(CCHAK00) REQ(LU04314) . ++IF FMID(CEW2K00) REQ(LU04315) . ++IF FMID(CEW5K00) REQ(LU04316) . ++IF FMID(CEW6K00) REQ(LU04317) . ++IF FMID(CIDAK00) REQ(LU04319) . ++IF FMID(CIDOK00) REQ(LU04320) . ++IF FMID(CITKK00) REQ(LU04321) . ++IF FMID(CITSK00) REQ(LU04322) .

Service	Details
	++IF FMID(CIXEK00) REQ(LU04323) .
	++IF FMID(CASTK00) REQ(LU04313) .

Service	Details
LU04319	LU04319 M.C.S. ENTRIES = ++PTF (LU04319) PTF TRACKING ELEMENT LEVEL SET PROBLEM DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for IMS Tools is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: Common Component for IMS Version 20.0 Related Problem: COM 15918 Copyright (C) 2022 CA. All rights reserved. R00199-I200-SP1 DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CIDAK00) SUP (LT04308 LT04319) ++IF FMID(CHPRK00) REQ(LU03649 LU04318) . ++IF FMID(CCHAK00) REQ(LU04314) . ++IF FMID(CEW2K00) REQ(LU04315) . ++IF FMID(CEW5K00) REQ(LU04316) . ++IF FMID(CEW6K00) REQ(LU04317) . ++IF FMID(CIDOK00) REQ(LU04320) . ++IF FMID(CITKK00) REQ(LU04321) . ++IF FMID(CITSK00) REQ(LU04322) .

Service	Details
	++IF FMID(CIXEK00) REQ(LU04323) .
	++IF FMID(CASTK00) REQ(LU04313) .

Service	Details
LU04320	LU04320 M.C.S. ENTRIES = ++PTF (LU04320) PTF TRACKING ELEMENT LEVEL SET PROBLEM DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for IMS Tools is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: Common Component for IMS Version 20.0 Related Problem: COM 15918 Copyright (C) 2022 CA. All rights reserved. R00199-I200-SP1 DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CIDOK00) SUP (LT04309 LT04320) ++IF FMID(CHPRK00) REQ(LU03649 LU04318) . ++IF FMID(CCHAK00) REQ(LU04314) . ++IF FMID(CEW2K00) REQ(LU04315) . ++IF FMID(CEW5K00) REQ(LU04316) . ++IF FMID(CEW6K00) REQ(LU04317) . ++IF FMID(CIDAK00) REQ(LU04319) . ++IF FMID(CITKK00) REQ(LU04321) . ++IF FMID(CITSK00) REQ(LU04322) .

Service	Details
	++IF FMID(CIXEK00) REQ(LU04323) .
	++IF FMID(CASTK00) REQ(LU04313) .

Service	Details
LU04321	LU04321 M.C.S. ENTRIES = ++PTF (LU04321) PTF TRACKING ELEMENT LEVEL SET PROBLEM DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for IMS Tools is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: Common Component for IMS Version 20.0 Related Problem: COM 15918 Copyright (C) 2022 CA. All rights reserved. R00199-I200-SP1 DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CITKK00) SUP (LT04310 LT04321) ++IF FMID(CHPRK00) REQ(LU03649 LU04318) . ++IF FMID(CCHAK00) REQ(LU04314) . ++IF FMID(CEW2K00) REQ(LU04315) . ++IF FMID(CEW5K00) REQ(LU04316) . ++IF FMID(CEW6K00) REQ(LU04317) . ++IF FMID(CIDAK00) REQ(LU04319) . ++IF FMID(CIDOK00) REQ(LU04320) . ++IF FMID(CITSK00) REQ(LU04322) .

Service	Details
	`++IF FMID(CIXEK00) REQ(LU04323 ) .`
	`++IF FMID(CASTK00) REQ(LU04313 ) .`

Service	Details
LU04322	LU04322 M.C.S. ENTRIES = ++PTF (LU04322) PTF TRACKING ELEMENT LEVEL SET PROBLEM DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for IMS Tools is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: Common Component for IMS Version 20.0 Related Problem: COM 15918 Copyright (C) 2022 CA. All rights reserved. R00199-I200-SP1 DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CITSK00) SUP (LT04311 LT04322) ++IF FMID(CHPRK00) REQ(LU03649 LU04318) . ++IF FMID(CCHAK00) REQ(LU04314) . ++IF FMID(CEW2K00) REQ(LU04315) . ++IF FMID(CEW5K00) REQ(LU04316) . ++IF FMID(CEW6K00) REQ(LU04317) . ++IF FMID(CIDAK00) REQ(LU04319) . ++IF FMID(CIDOK00) REQ(LU04320) . ++IF FMID(CITKK00) REQ(LU04321) .

Service	Details
	`++IF FMID(CIXEK00) REQ(LU04323 ) .`
	`++IF FMID(CASTK00) REQ(LU04313 ) .`

Service	Details
LU04323	LU04323 M.C.S. ENTRIES = ++PTF (LU04323) PTF TRACKING ELEMENT LEVEL SET PROBLEM DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for IMS Tools is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: Common Component for IMS Version 20.0 Related Problem: COM 15918 Copyright (C) 2022 CA. All rights reserved. R00199-I200-SP1 DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CIXEK00) SUP (LT04312 LT04323) ++IF FMID(CHPRK00) REQ(LU03649 LU04318) . ++IF FMID(CCHAK00) REQ(LU04314) . ++IF FMID(CEW2K00) REQ(LU04315) . ++IF FMID(CEW5K00) REQ(LU04316) . ++IF FMID(CEW6K00) REQ(LU04317) . ++IF FMID(CIDAK00) REQ(LU04319) . ++IF FMID(CIDOK00) REQ(LU04320) . ++IF FMID(CITKK00) REQ(LU04321) .

Service	Details
	++IF FMID(CITSK00) REQ(LU04322) .
	++IF FMID(CASTK00) REQ(LU04313) .

Service	Details
LU04358	LU04358 M.C.S. ENTRIES = ++PTF (LU04358) XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING PROBLEM DESCRIPTION: When the Execution Manager (Xmanager) for Db2 for z/OS (PXM) shuts down, it does not inform requestors of the Thread Termination/Dynamic DSNZPARM for Db2 for z/OS (PTT) cancel thread service that the Xmanager is shutting down. The task in the requesting address space may go into a permanent wait. This problem occurred when the SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) data collector exception processor issued a PTT request to cancel a thread. SYMPTOMS: The following messages are issued in the IDB2 data collector job log. They should be followed by additional messages when the cancel thread is requested: DBG72098I D780 10:50:50 INVOKING PTT COMMAND FOR EXCEPTION DBG72036I D780 10:50:50 PTT CMD: CANCEL TOKEN= <token> DBG72112I D780 10:50:50 EXCEPTION: <exception and thread identification information> Messages like the following are NOT issued after the above messages but they should be: PTT1098I THE FOLLOWING COMMAND EXECUTED AT 09:21:50 ON 2021-11-29 ... PTT1036I INPUT: CANCEL TOKEN= <token> ... and other messages IMPACT: Processes go into a permanent wait. The IDB2 data collector exception processor stops functioning. It no longer issues messages in the IDB2 data collector job log. It also stops processing exceptions. For example, threads that should be canceled are not. CIRCUMVENTION: Before shutting down the Xmanager, shut down all IDB2 data collectors that are configured to use the Xmanager. This should be the standard practice. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: PXM 15691 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING). ++VER (Z038) FMID (CTGRK00) PRE (LU04434) SUP (LT04358) ++IF FMID(CIDBK00) REQ(LU04354) . ++IF FMID(CINSK00) REQ(LU04355) . ++IF FMID(CPDTK00) REQ(LU04356) . ++IF FMID(CPSAK00) REQ(LU04357) . ++IF FMID(CEU9K00) REQ(LU04353) . ++HOLD (LU04358) SYSTEM FMID(CTGRK00) REASON (RESTART) DATE (22027) COMMENT (+--+

Service	Details

	<pre>| Snapshot General Services 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.
	).</pre>

Service	Details
LU04434	LU04434 M.C.S. ENTRIES = ++PTF (LU04434) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CTGRK00) SUP (LT04434) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
| | ```
++IF FMID(COFSK00) REQ(LU04413 ) .

++IF FMID(CPBAK00) REQ(LU04414 ) .

++IF FMID(CPDAK00) REQ(LU04415 ) .

++IF FMID(CPDTK00) REQ(LU04416 ) .

++IF FMID(CPLAK00) REQ(LU04419 ) .

++IF FMID(CPPAK00) REQ(LU04420 ) .

++IF FMID(CPRAK00) REQ(LU04421 ) .

++IF FMID(CPRFK00) REQ(LU04422 ) .

++IF FMID(CPRFK01) REQ(LU04423 ) .

++IF FMID(CPRFK02) REQ(LU04424 ) .

++IF FMID(CPRRK00) REQ(LU04425 ) .

++IF FMID(CPSAK00) REQ(LU04426 ) .

++IF FMID(CPXNK00) REQ(LU04428 ) .

++IF FMID(CRCMK00) REQ(LU04429 ) .

++IF FMID(CRCQK00) REQ(LU04430 ) .

++IF FMID(CRCSK00) REQ(LU04431 ) .

++IF FMID(CRCUK00) REQ(LU04432 ) .

++IF FMID(CRCXK00) REQ(LU04433 ) .

++IF FMID(CUTSK00) REQ(LU04436 ) .

++IF FMID(CAHOK00) REQ(LU04409 ) .

++HOLD (LU04434) SYSTEM FMID(CTGRK00)

REASON (DDDEF  )   DATE (22026)

COMMENT (

 +-----------------------------------------------------------------------+
 |     Snapshot General Services                      Version 20.0     |
 +----------+------------------------------------------------------------+
 |SEQUENCE  | Before Apply                                               |
 +----------+------------------------------------------------------------+
 |PURPOSE   | Create new target and distribution data sets               |
 +----------+------------------------------------------------------------+
 |USERS     | Installer                                                  |
 |AFFECTED  |                                                            |
 +----------+------------------------------------------------------------+
 |KNOWLEDGE | JCL, SMP/E                                                 |
 |REQUIRED  |                                                            |
 +----------+------------------------------------------------------------+
 |ACCESS    | SMP/E environment                                          |
 |REQUIRED  |                                                            |
 +----------+------------------------------------------------------------+

*************************
* STEPS   TO   PERFORM *
*************************

1. This sysmod can be installed in either a Db2 Tools environment or

an IMS Tools environment.

In a Db2 Tools environment, ignore the rest of this hold data.

You should take no action (the data sets already exist).

In an IMS Tools environment, continue with the next steps.

2. Run this step to create the new target and distribution data sets.

Change "PRODHLQ" to the high level qualifier(s) of your SMP/E data

sets. Specify appropriate SMS information to create the data set on

an appropriate volume.

//CREATE   EXEC PGM=IEFBR14

//CDBAXML  DD DISP=(,CATLG),

//         DSN=PRODHLQ.CDBAXML,
``` |

Service	Details
| | ```
//          RECFM=VB,LRECL=512,BLKSIZE=32760,
//          DSNTYPE=LIBRARY,
//*         VOL=SER=XXXXXX,UNIT=YYYYYY,
//          MGMTCLAS=xxx,STORCLAS=xxx,DATACLAS=xxx
//          SPACE=(TRK,(30,30,50))
//ADBAXML  DD DISP=(,CATLG),
//          DSN=PRODHLQ.ADBAXML,
//          RECFM=VB,LRECL=512,BLKSIZE=32760,
//          DSNTYPE=LIBRARY,
//*         VOL=SER=XXXXXX,UNIT=YYYYYY,
//          MGMTCLAS=xxx,STORCLAS=xxx,DATACLAS=xxx
//          SPACE=(TRK,(30,30,50))
3. Run this step to define the new target and distribution data sets
to SMP/E.  Specify the name of your SMP/E CSI on the SMPCSI DD
statement.  Make sure the SET BDY statement has the name of your
target and distribution zone (default is CAIT0 and CAIDO). Change
"PRODHLQ" to the high level qualifier(s) you used in the previous
step.  The step should end with a return code of zero.
//SMPE EXEC PGM=GIMSMP
//SMPCSI DD DISP=SHR,DSN=PRODHLQ.CSI
//SMPCNTL DD *
SET BDY(CAIT0).
UCLIN.
ADD DDDEF(CDBAXML)
DA(PRODHLQ.CDBAXML) SHR .
ADD DDDEF(ADBAXML)
DA(PRODHLQ.ADBAXML) SHR .
ENDUCL.
SET BDY(CAIDO).
UCLIN.
ADD DDDEF(ADBAXML)
DA(PRODHLQ.ADBAXML) SHR .
ENDUCL.
//
).
MCS         LU04101          STARTS ON PAGE 0002
MCS         LU04158          STARTS ON PAGE 0002
MCS         LU04219          STARTS ON PAGE 0003
MCS         LU04313          STARTS ON PAGE 0005
MCS         LU04314          STARTS ON PAGE 0006
MCS         LU04315          STARTS ON PAGE 0008
MCS         LU04316          STARTS ON PAGE 0010
MCS         LU04317          STARTS ON PAGE 0011
MCS         LU04318          STARTS ON PAGE 0013
MCS         LU04319          STARTS ON PAGE 0014
MCS         LU04320          STARTS ON PAGE 0016
MCS         LU04321          STARTS ON PAGE 0019
MCS         LU04322          STARTS ON PAGE 0022
MCS         LU04323          STARTS ON PAGE 0023
MCS         LU04358          STARTS ON PAGE 0025
MCS         LU04434          STARTS ON PAGE 0027
``` |

Product Family	Product	Release
Database	CA CHANGE ACCUMULATION FOR IMS FOR Z/OS	20.00.00
	CA COMMON COMPONENT FOR IMS FOR Z/OS	20.00.00
	CA COMPRESS DATA COMPRESSION FOR IMS FOR Z/OS	20.00.00
	CA DATABASE ANALYZER FOR IMS FOR Z/OS	20.00.00
	CA DATABASE COPIER FOR IMS FOR Z/OS	20.00.00
	CA DATABASE ORGANIZER FOR IMS FOR Z/OS	20.00.00
	CA DBM SOLUTIONS SNAPSHOT GENERAL SERVICES	20.00.00
	CA HIGH PERFORMANCE RECOVERY FOR IMS FOR Z/OS	20.00.00
	CA MAINFRAME CONFIGURATION MANAGER FOR IMS FOR Z/OS	20.00.00
	CA MAINFRAME EXTENDED TERMINAL MANAGER FOR IMS FOR Z/OS	20.00.00
	CA MAINFRAME PROGRAM RESTART MANAGER FOR IMS FOR Z/OS	20.00.00
	CA SECONDARY INDEX BUILDER FOR IMS FOR Z/OS	20.00.00
	CA SECONDARY INDEX FOR IMS FOR Z/OS	20.00.00
	CA STARTED TASK FOR IMS FOR Z/OS	20.00.00

The CA RS 2202 Product/Component Count for this release is 14

CA RS Level	Service	FMID
CAR2202	LU04434	CTGRK00
	LU04358	CTGRK00
	LU04323	CIXEK00
	LU04322	CITSK00
	LU04321	CITKK00
	LU04320	CIDOK00
	LU04319	CIDAK00
	LU04318	CHPRK00
	LU04317	CEW6K00
	LU04316	CEW5K00
	LU04315	CEW2K00
	LU04314	CCHAK00
	LU04313	CASTK00
	LU04219	CITSK00
	LU04158	CIDOK00
	LU04101	CCHAK00
CAR2112	LU03674	CIDOK00
	LU03649	CHPRK00
	LU03559	CITKK00
	LU03558	CIDOK00
	LU03428	CITKK00
	LU03413	CITSK00
	LU03366	CITKK00
CAR2111	LU03266	CIDOK00
	LU03230	CITKK00
	LU03229	CHPRK00
	LU03216	CITSK00
	LU03058	CITKK00
	LU03013	CITKK00
CAR2110	LU02863	CIDOK00
	LU02583	CITSK00
	LU02582	CEW2K00
CAR2109	LU02386	CIDOK00
	LU02380	CITKK00
	LU02379	CIDOK00
	LU02378	CIDAK00
	LU02377	CCHAK00
	LU02119	CTGRK00
CAR2108	LU02174	CITKK00
	LU02173	CIDOK00
	LU02146	CITKK00
	LU02145	CIDOK00
	LU02144	CIDAK00
	LU01997	CTGRK00
CAR2107	LU01725	CIDOK00
	LU01722	CIDOK00
	LU01721	CCHAK00

CA RS Level	Service	FMID
CAR2106	LU01382	CIDOK00
	LU01253	CIDOK00
CAR2104	LU00685	CIDOK00
	LU00469	CIDOK00
	LU00468	CCHAK00
	LU00387	CITKK00
CAR2103	SO16318	CITKK00
	SO16317	CIDAK00
	LU00220	CITKK00
	LU00219	CIDOK00
CAR2102	SO16281	CCHAK00
	SO16241	CIXEK00
	SO16240	CITKK00
	SO16239	CIDOK00
	SO16238	CIDAK00
	SO16237	CHPRK00
	SO16236	CCHAK00
	SO16208	CIDOK00
	SO16207	CIDAK00
	SO16161	CIDOK00
	SO16154	CITKK00
	SO16072	CIDOK00
CAR2101	SO16030	CITKK00
	SO16029	CCHAK00
	SO16028	CITKK00
	SO15893	CIDOK00
	SO15841	CITKK00
	SO15840	CEW5K00
CAR2012	SO15699	CITKK00
	SO15698	CEW6K00
	SO15605	CIDOK00
	SO15387	CITKK00
	SO15386	CIDOK00
	SO15385	CIDAK00
	SO15384	CCHAK00
CAR2011	SO15452	CIDOK00
	SO15388	CITSK00
	SO14920	CITKK00
	SO14919	CIDOK00
	SO14918	CIDAK00
CAR2010	SO14973	CIDOK00
	SO14971	CITSK00
	SO13026	CITKK00
CAR2009	SO14436	CITKK00
	SO14435	CASTK00
	SO14313	CIDOK00
	SO14153	CEW6K00

CA RS Level	Service	FMID
CAR2008	SO13824	CITKK00
	SO13823	CIDOK00
CAR2007	SO13652	CITSK00
	SO13651	CITKK00
	SO13650	CIDOK00
	SO13618	CIDOK00
	SO13617	CCHAK00
	SO13556	CIDAK00
	SO13461	CITKK00
	SO13460	CIDOK00
CAR2006	SO13265	CITKK00
	SO12958	CTGRK00
CAR2005	SO12850	CITKK00
	SO12849	CIDOK00
	SO12848	CIDAK00
	SO12847	CHPRK00
	SO12846	CEW2K00
	SO12845	CCHAK00
	SO12782	CIDOK00
	SO12781	CITKK00
	SO12765	CIDAK00
	SO12729	CITKK00
	SO12728	CHPRK00
	SO12638	CIDOK00
CAR2004	SO12338	CIDOK00
	SO12154	CTGRK00
CAR2003	SO11757	CITKK00
	SO11756	CIDOK00
	SO11755	CIDAK00
	SO11754	CHPRK00
	SO11753	CCHAK00
CAR2002	SO11580	CHPRK00
	SO11579	CCHAK00
	SO11578	CITKK00
	SO11577	CIDOK00
	SO11405	CIDOK00
CAR1912	SO10993	CIDOK00
	SO10875	CITKK00
	SO10874	CHPRK00
	SO10737	CITKK00
	SO10736	CIDOK00
	SO10575	CIDOK00
	SO10556	CIDOK00
	SO10539	CITSK00
CAR1911	SO10527	CITKK00
	SO10071	CTGRK00
	SO10059	CTGRK00

CA RS Level	Service	FMID
CAR1910	SO10055	CEW5K00
	SO09728	CITSK00
	SO09727	CITKK00
	SO09726	CIDOK00
	SO09725	CIDAK00
	SO09724	CHPRK00
	SO09723	CEW2K00
	SO09722	CCHAK00
	SO09721	CASTK00
CAR1909	SO09688	CITKK00
	SO09687	CIDOK00
	SO09481	CEW2K00
	SO09423	CTGRK00
CAR1908	SO09278	CHPRK00
	SO09187	CTGRK00
CAR1907	SO08762	CTGRK00
	SO08703	CCHAK00
CAR1905	SO08191	CITKK00
	SO07884	CTGRK00
	SO07746	CITSK00
	SO07745	CITKK00
	SO07744	CIDOK00
	SO07743	CIDAK00
	SO07742	CHPRK00
	SO07741	CCHAK00
CAR1904	SO07825	CTGRK00
CAR1902	SO06981	CIDOK00
	SO06980	CCHAK00
	SO06960	CITKK00
	SO06916	CITKK00
	SO06915	CIDOK00
	SO06914	CIDAK00
	SO06913	CCHAK00
	SO06759	CIDOK00
CAR1901	SO06536	CIDOK00
	SO06535	CITKK00
CAR1812	SO06463	CITKK00
	SO06462	CIDOK00
	SO06461	CIDAK00
	SO06460	CHPRK00
	SO06459	CEW2K00
	SO06458	CCHAK00
	SO06452	CITKK00
	SO06190	CIDAK00
	SO06189	CIDAK00
	SO06078	CITKK00
	SO06077	CIDAK00

CA RS Level	Service	FMID
CAR1809	SO05232	CITKK00
	SO05072	CIDOK00
	SO05017	CTGRK00
	SO04990	CEW2K00
	SO04748	CITKK00
	SO04747	CCHAK00
CAR1808	SO04728	CITKK00
	SO04474	CTGRK00
CAR1807	SO04069	CIDOK00
	SO03979	CITKK00
	SO03978	CIDOK00
	SO03977	CIDAK00
	SO03976	CCHAK00
	SO03950	CITKK00
	SO03949	CIDAK00
CAR1806	SO03676	CTGRK00
	SO03627	CITKK00
CAR1805	SO01613	CIDOK00
	SO01491	CHPRK00
	SO01437	CITKK00
	SO01436	CIDOK00
	SO01417	CTGRK00
	SO01364	CITKK00
	SO01338	CITKK00
	SO01337	CIDOK00
CAR1804	SO01015	CITKK00
	SO01014	CIDOK00
	SO00671	CITKK00
	SO00670	CIDOK00
	SO00669	CCHAK00
CAR1803	SO00466	CITKK00
	SO00465	CIDOK00
	SO00446	CITKK00
	SO00088	CIDOK00
	SO00087	CITKK00
CAR1802	SO00028	CTGRK00
	RO99958	CASTK00
	RO99680	CIDOK00
	RO99271	CIDOK00
	RO99151	CITSK00
CAR1801	RO99573	CTGRK00
	RO99296	CITKK00
CAR1712	RO99223	CASTK00
	RO99025	CITKK00
	RO99015	CITKK00
	RO98891	CIDOK00
	RO98872	CITKK00