

Mainframe Application Tuner 12.0
CA RS 2302 Service List

Service	Description	Type
LU07841	SQL ERROR IN MEASUREMENT WHEN EXECUTING EXPLAIN IMMEDIATE	PTF
LU08353	ABEND OF PMA STARTED TASK WITH SOC1	PTF
LU08430	DUPLICATE MEASUREMENTS INVOKED	PTF
LU08646	MAT AND PMA CUSTOMIZATION BLENDER	PTF
LU08647	MAT AND PMA CUSTOMIZATION BLENDER	PTF
LU08727	@DAM COMPONENT REBRANDING	PTF
LU08733	PMA COMPONENT REBRANDING	PTF
LU08876	MAT COMPONENT REBRANDING	PTF
LU08877	MAT COMPONENT REBRANDING	PTF
LU08913	MQ 9.3.0 CURRENCY SUPPORT	PTF
The CA RS 2302 service count for this release is 10		

Mainframe Application Tuner
CA RS 2302 Service List for CEESC00

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FMID	Service	Description	Type
CEESC00	LU07841	SQL ERROR IN MEASUREMENT WHEN EXECUTING EXPLAIN IMMEDIATE	PTF
	LU08430	DUPLICATE MEASUREMENTS INVOKED	PTF
	LU08646	MAT AND PMA CUSTOMIZATION BLENDER	PTF
	LU08876	MAT COMPONENT REBRANDING	PTF
	LU08913	MQ 9.3.0 CURRENCY SUPPORT	PTF
The CA RS 2302 service count for this FMID is 5			

Mainframe Application Tuner
CA RS 2302 Service List for CEESC01

FMID	Service	Description	Type
CEESC01	LU08877	MAT COMPONENT REBRANDING	PTF
The CA RS 2302 service count for this FMID is 1			

Mainframe Application Tuner
CA RS 2302 Service List for CEETC00

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FMID	Service	Description	Type
CEETC00	LU08353	ABEND OF PMA STARTED TASK WITH SOC1	PTF
	LU08647	MAT AND PMA CUSTOMIZATION BLENDER	PTF
	LU08733	PMA COMPONENT REBRANDING	PTF
The CA RS 2302 service count for this FMID is 3			

Mainframe Application Tuner
CA RS 2302 Service List for CEY3C00

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FMID	Service	Description	Type
CEY3C00	LU08727	@DAM COMPONENT REBRANDING	PTF
The CA RS 2302 service count for this FMID is 1			

Service	Details
LU07841	M.C.S. ENTRIES = ++PTF (LU07841) REWORK(2023020) SQL ERROR IN MEASUREMENT WHEN EXECUTING EXPLAIN IMMEDIATE PROBLEM DESCRIPTION: Explain immediate command in Db2View panel fails with SQL error -104 for some Select type SQLs during host variable substitution SYMPTOMS: EI Command is returning SQLCODE -104 for some Select type SQLs IMPACT: Some Select type SQLs are not explainable with EI command in DB2view Panel. CIRCUMVENTION: Collect explain data during measurement and use Explain command PRODUCT(S) AFFECTED: MAINFRAME APPLICATION TUNER Version 12.0 Related Problem: MATUNE 18661 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00430-EES120 DESC(SQL ERROR IN MEASUREMENT WHEN EXECUTING EXPLAIN IMMEDIATE). ++VER (Z038) FMID (CEESC00) PRE (LU01599 LU03752 LU06452 LU07387 S004801 S008560 S009066 S013439) SUP (LT07841) ++HOLD (LU07841) SYSTEM FMID(CEESC00) REASON (ACTION) DATE (23020) COMMENT (-----+ MAINFRAME APPLICATION TUNER Version 12.0 -----+ -----+ SEQUENCE After Apply -----+ -----+ PURPOSE Explain immediate command in Db2View panel fails with SQL error -104 for some Select type SQLs during host variable substitution -----+ -----+ USERS ALL MAT Users AFFECTED -----+ -----+ KNOWLEDGE MAT Administration REQUIRED -----+ -----+ ACCESS MAT Administration Libraries REQUIRED -----+ -----+ ***** * STEPS TO PERFORM * ***** 1. Restart the MAT server).

Service	Details
LU08353	LU08353 M.C.S. ENTRIES = ++PTF (LU08353) REWORK(2023002) ABEND OF PMA STARTED TASK WITH SOC1 PROBLEM DESCRIPTION: If SMF Spooling is active for the PMA Server and when the spool file is blocked by backup, or if the spool file is not getting free for writing because of any reason, the PMA Server abends with SOC1. SYMPTOMS: If SMF Spooling is active, the PMA Server abends with SOC1. IMPACT: If SMF Spooling is active, the PMA Server stops with the SOC1 abend. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: MAINFRAME APPLICATION TUNER Version 12.0 Related Problem: MATUNE 18659 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00439-EES120 DESC (ABEND OF PMA STARTED TASK WITH SOC1) . ++VER (Z038) FMID (CEETC00) PRE (LU03754 R095591 R098930 S013397) SUP (LT07776 LT07838 LT08353)

Service	Details
LU08430	M.C.S. ENTRIES = ++PTF (LU08430) REWORK(2023018) DUPLICATE MEASUREMENTS INVOKED PROBLEM DESCRIPTION: Single monitor invocation of a particular profile starts two or more monitors of the profile at the same time. SYMPTOMS: The monitor history screen contains entries indicating unsolicited measurements have been conducted. IMPACT: Unsolicited measurements are taken. CIRCUMVENTION: Unknown PRODUCT(S) AFFECTED: MAINFRAME APPLICATION TUNER Version 12.0 Related Problem: MATUNE 18630 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00440-EES120 DESC(DUPLICATE MEASUREMENTS INVOKED). ++VER (Z038) FMID (CEESC00) PRE (LU01599 LU02505 LU02506 LU02531 LU03175 LU03752 LU05653 LU07387 LU07655 LU07950 R096895 R099194 R099706 S000527 S001628 S001740 S004661 S004801 S005304 S006630 S008560 S013439) SUP (LT01532 LT01682 LT02504 LT07793 LT08430 ST16022) ++HOLD (LU08430) SYSTEM FMID(CEESC00) REASON (ACTION) DATE (23018) COMMENT (+-----+ MAINFRAME APPLICATION TUNER Version 12.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Duplicate profile and scheduling problem fix +-----+ USERS ALL MAT USers AFFECTED +-----+ KNOWLEDGE MAT Administration REQUIRED +-----+ ACCESS MAT Administration Libraries REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** Restart the MAT server) .

Mainframe Application Tuner 12.0
CA RS 2302 - PTF LU08646 Details

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Service	Details
LU08646	LU08646 M.C.S. ENTRIES = ++PTF (LU08646) REWORK(2023005) MAT AND PMA CUSTOMIZATION BLENDER ENHANCEMENT DESCRIPTION: This enhancement modifies the customization processes for MAT and its Performance Management Assistant component (PMA). The enhanced panel for the selection of products for customization newly includes both MAT and PMA components conveniently in one place, and provides an easy streamlined linkage from one customization utility to another. PRODUCT(S) AFFECTED: MAINFRAME APPLICATION TUNER Version 12.0 Related Problem: MATUNE 19195 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00444-EES120 DESC(MAT AND PMA CUSTOMIZATION BLENDER) . ++VER (Z038) FMID (CEESC00) PRE (LU00386 LU01297 LU02927 LU03489 LU03752 R099194 R099706 S000527 S004801 S006316 S007227 S008560 S010479 S012185 S013439 S013755 S014990 S015133 S016062) SUP (LT08646 S012789 ST12789) ++IF FMID(CEETC00) REQ(LU08647) .

Service	Details
LU08647	LU08647 M.C.S. ENTRIES = ++PTF (LU08647) REWORK(2023005) MAT AND PMA CUSTOMIZATION BLENDER ENHANCEMENT DESCRIPTION: This enhancement modifies the customization processes for MAT and its Performance Management Assistant component (PMA). The enhanced panel for the selection of products for customization newly includes both MAT and PMA components conveniently in one place, and provides an easy streamlined linkage from one customization utility to another. PRODUCT(S) AFFECTED: MAINFRAME APPLICATION TUNER Version 12.0 Related Problem: MATUNE 19196 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00445-EES120 DESC(MAT AND PMA CUSTOMIZATION BLENDER). ++VER (Z038) FMID (CEETC00) PRE (LU02926 LU03754 LU07989 R098930 S012123 S013397 S013756 S014831) SUP (LT08647) ++HOLD (LU08647) SYSTEM FMID(CEETC00) REASON (ACTION) DATE (23005) COMMENT (<pre> +-----+ MAINFRAME APPLICATION TUNER Version 12.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Apply the fix which modifies the customization processes for MAT and its Performance Management Assistant component (PMA) . +-----+ USERS PMA and MAT users AFFECTED +-----+ KNOWLEDGE PMA skills REQUIRED +-----+ ACCESS PMA installation libraries REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** If you have already run PMA customization then after the SMP/E work is completed rename PMA customization control library (e.g. PMAHLQ.CUST) to PMAHLQ.PMACUST. Do not use low level qualifier other than PMACUST.).</pre>

Service	Details
LU08727	LU08727 M.C.S. ENTRIES = ++PTF (LU08727) REWORK(2023023) @DAM COMPONENT REBRANDING ENHANCEMENT DESCRIPTION: Rebranding of the @DAM component to comply with Broadcom standards. PRODUCT(S) AFFECTED: MAINFRAME APPLICATION TUNER Version 12.0 Related Problem: MATUNE 19336 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00447-EES120 DESC(@DAM COMPONENT REBRANDING). ++VER (Z038) FMID (CEY3C00) PRE (LU03755 S006101) SUP (LT00349 LT01026 LT08727 R098929 S012055 S013246 S015880 ST12055 ST13246 ST13669 ST15880 TR98929)

Service	Details
LU08733	LU08733 M.C.S. ENTRIES = ++PTF (LU08733) REWORK(2023023) PMA COMPONENT REBRANDING ENHANCEMENT DESCRIPTION: Rebranding of the Performance Management Assistant component to comply with Broadcom standards. PRODUCT(S) AFFECTED: MAINFRAME APPLICATION TUNER Version 12.0 Related Problem: MATUNE 19335 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00448-EES120 DESC(PMA COMPONENT REBRANDING). ++VER (Z038) FMID (CEETC00) PRE (LU02926 LU03754 LU07989 LU08353 LU08647 R095591 R098930 S003789 S012123 S013236 S013397 S013756 S014831) SUP (LT00276 LT01420 LT05710 LT07776 LT08733 LU00276 LU01420 LU05710 S000073 S015155 ST00073 ST15155) ++HOLD (LU08733) SYSTEM FMID(CEETC00) REASON (ACTION) DATE (23023) COMMENT (+-----+ MAINFRAME APPLICATION TUNER Version 12.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Rebranding PMA to comply with Broadcom standards +-----+ USERS PMA and MAT users AFFECTED +-----+ KNOWLEDGE PMA customization REQUIRED +-----+ ACCESS PMA libraries REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** We recommend that you run/re-run the following PMA customization steps 1. STEP 9 2. STEP 10 3. STEP 11).

Service	Details
LU08876	LU08876 M.C.S. ENTRIES = ++PTF (LU08876) REWORK(2023026) MAT COMPONENT REBRANDING ENHANCEMENT DESCRIPTION: Rebranding of the Mainframe Application Tuner component to comply with Broadcom standards. PRODUCT(S) AFFECTED: MAINFRAME APPLICATION TUNER Version 12.0 Related Problem: MATUNE 19326 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00453-EES120 DESC (MAT COMPONENT REBRANDING) . ++VER (Z038) FMID (CEESC00) PRE (LU00386 LU00846 LU01070 LU01297 LU01442 LU01599 LU02192 LU02505 LU02506 LU02531 LU02631 LU02658 LU02927 LU03057 LU03076 LU03175 LU03355 LU03489 LU03752 LU04060 LU04095 LU04476 LU04724 LU05141 LU05327 LU05445 LU05448 LU05653 LU05707 LU05932 LU06308 LU06420 LU06452 LU06517 LU06551 LU06764 LU06901 LU06959 LU07387 LU07426 LU07655 LU07790 LU07841 LU07950 LU07968 LU08006 LU08310 LU08430 LU08646 R094455 R094511 R094521 R094523 R094695 R095096 R095427 R096173 R096507 R096511 R096674 R096751 R096768 R096868 R098484 R098861 R099194 R099416 R099698 R099706 R099940 S000366 S000390 S000526 S000527 S000592 S000672 S000918 S000940 S001561 S001740 S001898 S004126 S004661 S004801 S005203 S005304 S005588 S005785 S006253 S006316 S006377 S006615 S006630 S006959 S007227 S007230 S007566 S007631 S007889 S007984 S008560 S008636 S008720 S008842 S008897 S008989 S009066 S009087 S009173 S009819 S010403 S010529 S010640 S011045 S011303 S011308 S011589 S011902 S012019 S012185 S012697 S013025 S013367 S013439 S013755 S014455 S014931 S014974 S014990 S015065 S015133 S015354 S015362 S015822 S015933 S016277) SUP (BC14440 CC14440 DC14440 EC14440 FC14440 LT00502 LT00607 LT00676 LT00792 LT00865 LT00897 LT00967 LT00990 LT01018 LT01096 LT01386 LT01388 LT01434 LT01436 LT01438 LT01440 LT01580 LT01671 LT01682 LT01690 LT01697 LT01710 LT01830 LT01852 LT01854 LT02366 LT02504 LT03909 LT03912 LT03930 LT04274 LT04474 LT04925 LT05145 LT05395 LT05446 LT05504 LT05659 LT07157 LT07678 LT07793 LT08785 LT08843 LT08868 LT08876 LU00502 LU00676 LU00897 LU00967 LU00990 LU01018 LU01096 LU01580 LU01697 LU02366 LU03930 LU04274 LU05145 LU05395 LU05659 LU07157 LU07678 R094986 R095014 R095146 R095389 R095398 R095409 R095904 R096177 R096358 R096572 R096873 R096885 R096895 R096915 R097178 R097281 R097689 R097752 S000033 S000196 S000337 S000826 S001628 S003810 S004766 S005295 S005773 S006193 S006575 S006642 S006770 S007641 S007728 S007840 S007956 S008107 S008134 S008237 S008523 S008951 S009140 S009410 S009473 S010122 S010222 S010479 S010901 S011142 S011963 S012213 S012337 S012789 S012818 S013698 S013981 S014001 S014479 S014662 S015801

Service	Details
	SO15975 SO16062 SO16203 SO16263 ST00033 ST00196 ST00337 ST00826 ST01628 ST03810 ST04766 ST05295 ST05773 ST06193 ST06575 ST06642 ST06770 ST07209 ST07223 ST07615 ST07641 ST07728 ST07839 ST07840 ST07956 ST08107 ST08134 ST08237 ST08523 ST08951 ST09140 ST09410 ST09473 ST10045 ST10074 ST10122 ST10222 ST10479 ST10821 ST10901 ST11142 ST11963 ST12213 ST12337 ST12789 ST12818 ST13698 ST13981 ST14001 ST14479 ST14662 ST15368 ST15801 ST15974 ST15975 ST16013 ST16022 ST16062 ST16202 ST16203 ST16263 ST16309 TR94986 TR95014 TR95146 TR95389 TR95398 TR95409 TR95904 TR96067 TR96177 TR96358 TR96572 TR96695 TR96873 TR96885 TR96895 TR96915 TR97178 TR97281 TR97689 TR97752) ++IF FMID(CEESC01) REQ(LU08877). ++IF FMID(CEETC00) REQ(LU08733). ++IF FMID(CEY3C00) REQ(LU08727). ++HOLD (LU08876) SYSTEM FMID(CEESC00) REASON (ACTION) DATE (23026) COMMENT (+-----+ MAINFRAME APPLICATION TUNER Version 12.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Rebranding Mainframe Application Tuner to comply with Broadcom standards +-----+ USERS All MAT Users AFFECTED +-----+ KNOWLEDGE MAT Administration skills REQUIRED +-----+ ACCESS MAT Libraries REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** After applying the PTF, perform the following steps: 1. Restart MAT configured DB2 subsystems 2. Restart MAT configured CICS region 3. Restart MAT server 4. If run previously, re-run the MAT Customization steps 16 and 17 5. We recommend that you run following MAT Customization steps: a. Step 4 to update TUNSSP00 parameter member b. Step 5 to update the GIF file description in TUNUDEFS c. Step 6 to update MAT Server Space Procedure d. Step 7 to update BATCH Report Procedure e. Step 8 to update MAT EXECs (MATUNERC and BACTUN) f. Step 9 to update TNBINDJ and TUNESQLJ JCL g. Step 10 to update TNCSDUP\$ JCL h. Step 12 to update BATCHREG JCL).

Service	Details
LU08877	M.C.S. ENTRIES = ++PTF (LU08877) REWORK(2023026) MAT COMPONENT REBRANDING ENHANCEMENT DESCRIPTION: Rebranding of the Mainframe Application Tuner component to comply with Broadcom standards. PRODUCT(S) AFFECTED: MAINFRAME APPLICATION TUNER Version 12.0 Related Problem: MATUNE 19326 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00453-EES120 DESC(MAT COMPONENT REBRANDING) . ++VER (Z038) FMID (CEESC01) PRE (LU01443 LU01600 LU03356 LU03753 LU04477 LU04819 LU05498 LU07492 R099707 S000528 S000905 S001094 S005786 S006378 S006631 S007689 S007761 S007925 S008514 S010161 S011590 S011672 S013440 S014809) SUP (LT01387 LT01389 LT01435 LT01437 LT01439 LT01441 LT03594 LT04475 LT04807 LT08751 LT08786 LT08844 LT08869 LT08877 ST06086 ST14808) ++IF FMID(CEESC00) REQ(LU08876) . ++IF FMID(CEETC00) REQ(LU08733) . ++IF FMID(CEY3C00) REQ(LU08727) . ++HOLD (LU08877) SYSTEM FMID(CEESC01) REASON (ACTION) DATE (23026) COMMENT (MAINFRAME APPLICATION TUNER Version 12.0 SEQUENCE After Apply PURPOSE Rebranding Mainframe Application Tuner to comply with Broadcom standards USERS All MAT Users AFFECTED KNOWLEDGE MAT Administration skills REQUIRED ACCESS MAT Libraries REQUIRED ***** * STEPS TO PERFORM * ***** After applying the PTF, perform the following steps: 1. Restart MAT configured DB2 server 2. Restart MAT configured CICS server 3. Restart MAT server 4. If run previously, re-run the MAT Customization steps 16 and 17

Service	Details
	5. We recommend that you run following MAT Customization steps: a. Step 4 to update TUNSSP00 parameter member b. Step 5 to update the GIF file description in TUNUDEFS c. Step 6 to update MAT Server Space Procedure d. Step 7 to update BATCH Report Procedure e. Step 8 to update MAT EXECs (MATUNERC and BACTUN) f. Step 9 to update TNBINDJ and TUNESQLJ JCL g. Step 10 to update TNCSDUP\$ JCL h. Step 12 to update BATCHREG JCL).

Mainframe Application Tuner 12.0 CA RS 2302 - PTF LU08913 Details

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Service	Details
LU08913	LU08913 M.C.S. ENTRIES = ++PTF (LU08913) REWORK(2023031) MQ 9.3.0 CURRENCY SUPPORT ENHANCEMENT DESCRIPTION: This enhancement delivers support for MQ version 9.3.0 in Mainframe Application Tuner version 12.0.02 PRODUCT(S) AFFECTED: CA MAT base component Version 12.0 Related Problem: MATUNE 19319 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00454-EES120 DESC(MQ 9.3.0 CURRENCY SUPPORT). ++VER (Z038) FMID (CEESC00) PRE (LU01599 LU02631 LU02658 LU03752 LU05445 LU06452 LU07387 LU07950 LU08310 LU08876 R094523 R098861 R099194 S001740 S004661 S006959 S007230 S013439 S015065) SUP (LT08666 LT08913) ++HOLD (LU08913) SYSTEM FMID(CEESC00) REASON (DOC) DATE (23031) COMMENT (+-----+ MAINFRAME APPLICATION TUNER Version 12.0 +-----+ ***** * PUBLICATION * ***** +-----+ MAT base component Version 12.0 +-----+ You can view documentation for Mainframe Application Tuner on our documentation portal at techdocs.broadcom.com).

Mainframe Application Tuner 12.0
CA RS 2302 Product/Component Listing

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Product Family	Product	Release
DevOps	CA MAT @DAM COMPONENT	12.00.00
	CA MAT BASE COMPONENT	12.00.00
	PERFORMANCE MANAGEMENT ASSISTANT	12.00.00
	COMMON SYMBOLIC COMPONENT	11.00.00
The CA RS 2302 Product/Component Count for this release is 4		

CA RS Level	Service	FMID
CAR2302	LU08913	CEESC00
	LU08877	CEESC01
	LU08876	CEESC00
	LU08733	CEETC00
	LU08727	CEY3C00
	LU08647	CEETC00
	LU08646	CEESC00
	LU08430	CEESC00
	LU08353	CEETC00
	LU07841	CEESC00
CAR2301	LU08502	CAVHB00
CAR2212	LU08310	CEESC00
	LU08006	CEESC00
	LU07989	CEETC00
	LU07969	CEESC01
	LU07968	CEESC00
	LU07950	CEESC00
	LU07790	CEESC00
	LU07426	CEESC00
CAR2211	LU07678	CEESC00
	LU07655	CEESC00
	LU07560	CAVHB00
	LU07157	CEESC00
CAR2210	LU07492	CEESC01
	LU07387	CEESC00
	LU06855	CAVHB00
CAR2209	LU06959	CEESC00
	LU06901	CEESC00
	LU06882	CEESC00
	LU06764	CEESC00
	LU06517	CEESC00
	LU05932	CEESC00
CAR2208	LU06551	CEESC00
	LU06550	CEESC00
	LU06452	CEESC00
	LU06405	CAVHB00
CAR2207	LU06420	CEESC00
	LU06308	CEESC00
	LU06042	CEESC00
	LU05947	CAVHB00
	LU05445	CEESC00
CAR2206	LU05710	CEETC00
	LU05707	CEESC00
	LU05653	CEESC00
	LU05303	CEESC00
CAR2205	LU05659	CEESC00
	LU05540	CAVHB00

CA RS Level	Service	FMID
	LU05498	CEESC01
	LU05448	CEESC00
	LU05395	CEESC00
	LU05327	CEESC00
CAR2204	LU05145	CEESC00
	LU05141	CEESC00
	LU04819	CEESC01
	LU04274	CEESC00
	LU03826	CAVHB00
CAR2203	LU04724	CEESC00
	LU04665	CAVHB00
	LU04564	CAVHB00
	LU04477	CEESC01
	LU04476	CEESC00
	LU03432	CAVHB00
	LU03057	CEESC00
CAR2202	LU04390	CAVHB00
	LU04095	CEESC00
CAR2201	LU04060	CEESC00
	LU03930	CEESC00
	LU03755	CEY3C00
	LU03754	CEETC00
	LU03753	CEESC01
	LU03752	CEESC00
CAR2112	LU03489	CEESC00
	LU03476	CAVHB00
	LU03356	CEESC01
	LU03355	CEESC00
	LU03175	CEESC00
CAR2111	LU03076	CEESC00
	LU02927	CEESC00
	LU02926	CEETC00
	LU02366	CEESC00
CAR2110	LU02658	CEESC00
	LU02631	CEESC00
CAR2109	LU02531	CEESC00
	LU02506	CEESC00
	LU02505	CEESC00
	LU02361	CEESC00
CAR2108	LU02192	CEESC00
	LU01580	CEESC00
	LU01077	CAVHB00
CAR2107	LU01697	CEESC00
	LU01600	CEESC01
	LU01599	CEESC00
	LU01579	CAVHB00
	LU01420	CEETC00

CA RS Level	Service	FMID
CAR2106	S016155	CAVHB00
	LU01443	CEESC01
	LU01442	CEESC00
	LU01297	CEESC00
	LU01018	CEESC00
	LU00990	CEESC00
	LU00846	CEESC00
CAR2105	LU01096	CEESC00
	LU01070	CEESC00
	LU00967	CEESC00
	LU00897	CEESC00
	LU00676	CEESC00
	LU00502	CEESC00
CAR2104	LU00428	CEESC00
	LU00386	CEESC00
	LU00276	CEETC00
CAR2103	S016277	CEESC00
	S016263	CEESC00
	S015975	CEESC00
	S015880	CEY3C00
CAR2102	S016203	CEESC00
	S016062	CEESC00
	S015933	CEESC00
	S015822	CEESC00
	S015636	CAVHB00
	S015322	CAVHB00
CAR2101	S015887	CAVHB00
	S015801	CEESC00
CAR2012	S015354	CEESC00
	S015155	CEETC00
	S014311	CAVHB00
CAR2011	S015362	CEESC00
	S015133	CEESC00
	S015065	CEESC00
	S014990	CEESC00
	S014974	CEESC00
	S014931	CEESC00
	S014831	CEETC00
	S014001	CEESC00
	S013698	CEESC00
CAR2010	S014809	CEESC01
	S014662	CEESC00
	S014479	CEESC00
	S013981	CEESC00
CAR2009	S014455	CEESC00
CAR2008	S013756	CEETC00
	S013755	CEESC00

CA RS Level	Service	FMID
CAR2007	S013561	CEESC00
	S013492	CAVHB00
	S013440	CEESC01
	S013439	CEESC00
	S013397	CEETC00
	S012818	CEESC00
	S012785	CAVHB00
CAR2006	S013367	CEESC00
	S013246	CEY3C00
	S013236	CEETC00
	S013025	CEESC00
	S012789	CEESC00
	S010222	CEESC00
CAR2005	S012697	CEESC00
	S012569	CAVHB00
	S012055	CEY3C00
CAR2004	S012337	CEESC00
	S012297	CAVHB00
	S012213	CEESC00
	S012185	CEESC00
	S012123	CEETC00
	S010901	CEESC00
CAR2003	S012019	CEESC00
	S011963	CEESC00
	S011902	CEESC00
	S008355	CAVHB00
CAR2002	S011672	CEESC01
	S011590	CEESC01
	S011589	CEESC00
	S011308	CEESC00
CAR2001	S011303	CEESC00
	S011142	CEESC00
	S011045	CEESC00
CAR1912	S010784	CAVHB00
	S010640	CEESC00
	S010403	CEESC00
CAR1911	S010529	CEESC00
	S010479	CEESC00
	S010161	CEESC01
	S009473	CEESC00
CAR1910	S010215	CEESC00
	S010122	CEESC00
	S009940	CAVHB00
	S009939	CAVHB00
	S009938	CAVHB00
	S009819	CEESC00
CAR1909	S009410	CEESC00

CA RS Level	Service	FMID
	S009096	CAVHB00
	S007755	CAVHB00
CAR1908	S009221	CEESC00
	S009173	CEESC00
	S009140	CEESC00
	S009087	CEESC00
	S008897	CEESC00
	S008842	CEESC00
CAR1907	S009066	CEESC00
	S008989	CEESC00
	S008951	CEESC00
	S008888	CAVHB00
	S008745	CEESC00
	S008720	CEESC00
	S008636	CEESC00
CAR1906	S008560	CEESC00
	S008523	CEESC00
	S008514	CEESC01
	S008237	CEESC00
	S008107	CEESC00
	S007889	CEESC00
CAR1905	S008134	CEESC00
	S007984	CEESC00
	S007956	CEESC00
	S007925	CEESC01
	S007728	CEESC00
	S007685	CAVHB00
CAR1904	S007840	CEESC00
	S007761	CEESC01
	S007689	CEESC01
	S007641	CEESC00
	S007631	CEESC00
	S007566	CEESC00
	S007230	CEESC00
	S007227	CEESC00
CAR1903	S007318	CAVHB00
CAR1902	S006959	CEESC00
	S006770	CEESC00
	S006271	CAVHB00
CAR1901	S006642	CEESC00
	S006631	CEESC01
	S006630	CEESC00
	S006615	CEESC00
	S006575	CEESC00
CAR1812	S006498	CEESC00
	S006378	CEESC01
	S006377	CEESC00

CA RS Level	Service	FMID
	S006316	CEESC00
	S006253	CEESC00
	S006250	CAVHB00
	S006193	CEESC00
	S006101	CEY3C00
	S006100	CEESC00
CAR1811	S005786	CEESC01
	S005785	CEESC00
	S005773	CEESC00
	S005588	CEESC00
	S005295	CEESC00
	S005171	CAVHB00
	S004766	CEESC00
CAR1810	S005304	CEESC00
CAR1809	S005204	CEESC01
	S005203	CEESC00
	S004801	CEESC00
	S004585	CAVHB00
	S004181	CAVHB00
	S004126	CEESC00
CAR1808	S004661	CEESC00
	S004528	CAVHB00
	S003999	CEESC01
CAR1807	S004111	CAVHB00
	S003810	CEESC00
	S003789	CEETC00
	S003592	CEESC00
	S001561	CEESC00
CAR1806	S003716	CEESC01
	S001929	CAVHB00
	S001898	CEESC00
	S001740	CEESC00
CAR1805	S001628	CEESC00
	S001094	CEESC01
	S001062	CAVHB00
	S000905	CEESC01
	S000904	CEESC00
	S000526	CEESC00
	S000337	CEESC00
CAR1804	S000940	CEESC00
	S000918	CEESC00
	S000826	CEESC00
	S000798	CAVHB00
	S000505	CAVHB00
CAR1803	S000672	CEESC00
	S000592	CEESC00
	S000528	CEESC01

CA RS Level	Service	FMID
	S000527	CEESC00
	S000390	CEESC00
	S000366	CEESC00
	S000196	CEESC00
CAR1802	S000114	CAVHB00
	S000073	CEETC00
	S000033	CEESC00
	R099940	CEESC00
	R099707	CEESC01
CAR1801	R099723	CAVHB00
	R099706	CEESC00
	R099698	CEESC00
	R099416	CEESC00
	R099041	CAVHB00
CAR1712	R099194	CEESC00
	R098930	CEETC00
	R098929	CEY3C00
	R098861	CEESC00
	R098484	CEESC00
CAR1711	R098579	CAVHB00
CAR1710	R097752	CEESC00
	R097689	CEESC00
CAR1709	R097599	CEESC00
	R097431	CAVHB00
	R097281	CEESC00
CAR1708	R097178	CEESC00
	R096915	CEESC00
	R096895	CEESC00
	R096873	CEESC00
	R096868	CEESC00
	R096841	CEESC00
	R096768	CEESC00
CAR1707	R096885	CEESC00
	R096751	CEESC00
	R096674	CEESC00
	R096572	CEESC00
	R096511	CEESC00
	R096507	CEESC00
	R096358	CEESC00
	R095389	CEESC00
CAR1706	R096177	CEESC00
	R096173	CEESC00
	R096082	CEESC00
	R095904	CEESC00
	R095591	CEETC00
	R095146	CEESC00
CAR1705	R095427	CEESC00

CA RS Level	Service	FMID
	R095409	CEESC00
	R095398	CEESC00
	R095096	CEESC00
CAR1704	R095014	CEESC00
	R094986	CEESC00
	R094896	CEESC00
	R094695	CEESC00
CAR1703	R094523	CEESC00
	R094521	CEESC00
	R094511	CEESC00
	R094455	CEESC00