

Datacom DB Core 15.1
CA RS 2210 Service List

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Service	Description	Type
LU05939	ENHANCEMENT: DATACL TYPE FOR THE REPORT FUNCTION	PTF
LU06911	ENHANCEMENT TO PROVIDE THE OVERLAY SCALAR FUNCTION	PTF
LU07007	CXX REPORT NOT SHOWING RETURN CODE FOR FAILED VOLUMES LOOKUP	PTF
LU07156	SQLDA EMPTY WHEN USING SQL SOURCE CACHE	PTF
LU07172	I/O CONSITENCY REPORTING BETWEEN EXCP AND VLD ACCESS METHODS	PTF
LU07179	INCOMPLETE OUTPUT WITH LEFT JOIN	PTF
LU07285	MUF ABEND WHEN RUNNING DYNAMIC SQL FROM SOURCE CACHE	PTF
LU07336	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
LU07339	RARE ABEND SOC4 IN MODULE DBTXBPR DURING RESTART	PTF
LU07364	IBM FUNCTION REGISTRY INACCURATE FUNCSTATUS VSAM, BUF POOL	PTF
LU07553	ENHANCEMENT: OPEN ERROR MESSAGE DB00501E IN MUF SYSLOG	PTF
The CA RS 2210 service count for this release is 11		

Datacom DB Core
CA RS 2210 Service List for CABDF10

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FMID	Service	Description	Type
CABDF10	LU05939	ENHANCEMENT: DATACL TYPE FOR THE REPORT FUNCTION	PTF
	LU07007	CXX REPORT NOT SHOWING RETURN CODE FOR FAILED VOLUMES LOOKUP	PTF
	LU07172	I/O CONSITENCY REPORTING BETWEEN EXCP AND VLD ACCESS METHODS	PTF
	LU07336	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
	LU07339	RARE ABEND SOC4 IN MODULE DBTXBPR DURING RESTART	PTF
	LU07364	IBM FUNCTION REGISTRY INACCURATE FUNCSTATUS VSAM, BUF POOL	PTF
	LU07553	ENHANCEMENT: OPEN ERROR MESSAGE DB00501E IN MUF SYSLOG	PTF
The CA RS 2210 service count for this FMID is 7			

Datacom DB Core
CA RS 2210 Service List for CAVEF10

FMID	Service	Description	Type
CAVEF10	LU06911	ENHANCEMENT TO PROVIDE THE OVERLAY SCALAR FUNCTION	PTF
	LU07156	SQLDA EMPTY WHEN USING SQL SOURCE CACHE	PTF
	LU07179	INCOMPLETE OUTPUT WITH LEFT JOIN	PTF
	LU07285	MUF ABEND WHEN RUNNING DYNAMIC SQL FROM SOURCE CACHE	PTF
The CA RS 2210 service count for this FMID is 4			

Service	Details		
LU05939	LU05939 M.C.S. ENTRIES = ++PTF (LU05939) ENHANCEMENT: DATACL TYPE FOR THE REPORT FUNCTION ENHANCEMENT DESCRIPTION: This product enhancement delivers code which implements a new type DATACL for the DBUTLTY REPORT function. It produces information about data classes in the customer's environment. PRODUCT(S) AFFECTED: DATAACOM/DB Release 15.1 Related Problem: DB 17144 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01036-DCM151 DESC(ENHANCEMENT: DATACL TYPE FOR THE REPORT FUNCTION). ++VER (Z038) FMID (CABDF10) PRE (LU01370 LU02338 LU02807 LU03154 LU03981 LU04345 R088469 R089666 R090486 R090903 R091015 R091632 R092259 R092858 R093647 R094095 R095761 R097700 R097893 R099532 R099997 S003799 S003825 S005360 S005423 S006692 S006815 S008300 S010748 S011403) SUP (LT05939 R091631 R093436 S008181 S011673 S012632 S013593 S013667 S014818 ST08181 ST11673 ST12632 ST13593 ST13667 ST14818 TR91631 TR93436) ++HOLD (LU05939) SYSTEM FMID(CABDF10) REASON (DOC) DATE (22265) COMMENT (+-----+ <table border="1"> <tr> <td>DATAACOM/DB</td><td>Release 15.1</td></tr> </table> +-----+ ***** * PUBLICATION * ***** Documentation for the data class report changes included in this solution can be found in the Datacom Core - 15.1 TechDocs space, which can be found at the following link by carefully removing the imbedded blanks it contains: https://techdocs.broadcom.com/us/en/ca-mainframe-software/database-management/ca-datacom/15-1/release-notes-and-product-information/ca-datacom-features.html).	DATAACOM/DB	Release 15.1
DATAACOM/DB	Release 15.1		

Service	Details
LU06911	LU06911 M.C.S. ENTRIES = ++PTF (LU06911) ENHANCEMENT TO PROVIDE THE OVERLAY SCALAR FUNCTION ENHANCEMENT DESCRIPTION: This is an enhancement to provide the character-level scalar function OVERLAY. The functional behavior is the same as the scalar function INSERT. The only difference is the arguments are passed to OVERLAY in a different order. Example: <pre>SELECT OVERLAY('aaaaaaaaa','duck',3,5,OCTETS) FROM t1;</pre> result: aaduckaaa PRODUCT(S) AFFECTED: DATAKOM SQL Release 15.1 Related Problem: SQL 17515 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01060-DCM151 DESC(ENHANCEMENT TO PROVIDE THE OVERLAY SCALAR FUNCTION). ++VER (Z038) FMID (CAVEF10) PRE (LU00988 LU01149 LU02152 LU03281 LU03984 LU06158 R090155 S001886 S005343 S006396 S007544 S008452 S008801 S009437 S010328 S010335 S011629 S012497 S013742 S015755 S016078) SUP (AL00988 AS06174 AS12743 AS13742 LT01046 LT01249 LT02371 LT06595 LT06654 LT06911 LU01046 LU01249 R089842 R094696 R097131 R099964 S004003 S004927 S005243 S006174 S006999 S010380 S012743 S013630 S014068 S014423 S014667 S015425 ST04003 ST04927 ST05209 ST05243 ST06174 ST06999 ST09801 ST10380 ST10729 ST12743 ST13630 ST14068 ST14423 ST14667 ST15425 TR89842 TR94696 TR97131 TR99964)

Service	Details
LU07007	LU07007 M.C.S. ENTRIES = ++PTF (LU07007) CXX REPORT NOT SHOWING RETURN CODE FOR FAILED VOLUMES LOOKUP PROBLEM DESCRIPTION: A DBUTLTY REPORT AREA=CXX performs a Catalog Locate to determine the volumes a dataset resides on. If this locate request fails, for example because the dataset is not allocated, the "VOLUMES" section of the report is left blank. According to the pertinent documentation, this section of the CXX report should show the return code from the Catalog Locate. SYMPTOMS: The "VOLUMES" field in a DBUTLTY REPORT AREA=CXX contains blanks and the return code from the Catalog Locate is not displayed. IMPACT: The CXX report does not indicate a failure of the Catalog Locate. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DATAKOM/DB Release 15.1 Related Problem: DB 18013 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01064-DCM151 DESC(CXX REPORT NOT SHOWING RETURN CODE FOR FAILED VOLUMES LOOKUP). ++VER (Z038) FMID (CABDF10) PRE (LU01370 LU01916 LU02338 LU02807 LU03183 LU03981 LU05861 R088863 R091632 R094095 R095761 R097893 R099997 S005708 S010748 S011244) SUP (LT07007 S004745 S005361 S007039 ST04745 ST05361 ST07039)

Service	Details
LU07156	LU07156 M.C.S. ENTRIES = ++PTF (LU07156) SQLDA EMPTY WHEN USING SQL SOURCE CACHE PROBLEM DESCRIPTION: When Dynamic SQL is used, the SQLDA is not filled in when the same statement is executed a second time. SYMPTOMS: SQLVAR entries in SQLDA are not initialized. IMPACT: Programs relying on SQLVAR entries can't be executed. CIRCUMVENTION: Deactivating the SQL Source Cache. PRODUCT(S) AFFECTED: DATAACOM SQL Release 15.1 Related Problem: SQL 18171 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01070-DCM151 DESC (SQLDA EMPTY WHEN USING SQL SOURCE CACHE). ++VER (Z038) FMID (CAVEF10) PRE (LU00087 LU02879 LU03281 LU03984 LU05024 R090826 R092064 S000890 S001886 S006238 S006402 S007544 S009551 S015755 S015827 S015889 S016078) SUP (AR92064 AS01886 EC92212 LT07156 R096118 S000902 S004015 S011348 S015866 ST00902 ST04015 ST11348 ST15866 TR92901 TR96118)

Service	Details
LU07172	LU07172 M.C.S. ENTRIES = ++PTF (LU07172) I/O CONSISTENCY REPORTING BETWEEN EXCP AND VLD ACCESS METHODS PROBLEM DESCRIPTION: A customer may not understand the I/O counts shown for their datasets after converting them from BDAM to VSAM linear datasets. This makes comparison of historical data difficult. At the initial GA delivery of VSAM linear datasets for Datacom/DB, VSAM I/O was counted at the block level. We are changing the count to be I/O events, not I/O of individual blocks. This makes the counts similar to those reported by Datacom/DB when the datasets were BDAM before conversion to VSAM. (Note that this change also aligns Datacom/DB with how DB2 counts its VSAM I/O.) SYMPTOMS: Inconsistent reporting of I/O counts between VSAM and BDAM access methods. IMPACT: This change makes it easier to compare I/O events against Datacom datasets over time. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DATAACOM/DB Release 15.1 Related Problem: DB 18189 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01071-DCM151 DESC(I/O CONSISTENCY REPORTING BETWEEN EXCP AND VLD ACCESS METHODS). ++VER (Z038) FMID (CABDF10) PRE (LU01370 LU01916 LU02338 LU02807 LU03183 LU03981 LU04745 LU05611 LU05861 R092259 R092858 R093647 R098926 R099171 S007233 S010697 S013398 S013882 S014079) SUP (LT07172 R090535 R096204 R098085 S005962 S006715 S010617 S010624 S012809 S014951 ST04618 ST05961 ST05962 ST06150 ST06516 ST06715 ST10617 ST10624 ST12809 ST14951 TR90535 TR96204 TR98085)

Service	Details
LU07179	LU07179 M.C.S. ENTRIES = ++PTF (LU07179) The following items are included in this solution: 1. INCOMPLETE OUTPUT WITH LEFT JOIN 2. ENHANCEMENT: DELIVERS CODE AS BASIS FOR FUTURE ENHANCEMENTS ===== INCOMPLETE OUTPUT WITH LEFT JOIN PROBLEM DESCRIPTION: For queries with LEFT JOIN incomplete output can be received if join condition is evaluated in SQL, and not in CBS. SYMPTOMS: The output is missing qualifying rows after the first such row is found. IMPACT: Query returns incorrect output. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DATAACOM SQL Release 15.1 Related Problem: SQL 17991 ===== ENHANCEMENT: DELIVERS CODE AS BASIS FOR FUTURE ENHANCEMENTS ENHANCEMENT DESCRIPTION: This product enhancement delivers updated code which will form the basis for future code changes. PRODUCT(S) AFFECTED: DATAACOM SQL Release 15.1 Related Problem: SQL 18059 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01072-DCM151 DESC (INCOMPLETE OUTPUT WITH LEFT JOIN) . ++VER (Z038) FMID (CAVEF10) PRE (LU00981 LU00985 LU00988 LU01216 LU02878 LU03281 LU03773 LU03984 LU05024 LU05231 LU06158 R090216 R090826 R095978 S000890 S001886 S004034 S004197 S004243 S005343 S005935 S006238 S006396 S006402 S006440 S006473 S007468 S007544 S008017 S008336 S010328 S010335 S011326 S011629 S014147 S014725 S014825 S015165) SUP (AR90826 AS14825 BC92212 DC92212 IC92212 LT00056 LT01153 LT06895 LT07062 LT07091 LT07179 LU00056 LU01153 R088617 R090156 R093560 R095609 R096797 R099972 S005352 S013055 S014369 ST05352 ST13055 ST14369 TR88617 TR90156 TR93514 TR93560 TR95609 TR96797 TR99972)

Service	Details
LU07285	LU07285 M.C.S. ENTRIES = ++PTF (LU07285) MUF ABEND WHEN RUNNING DYNAMIC SQL FROM SOURCE CACHE PROBLEM DESCRIPTION: MUF abends with SOC4 in module DBMPLPR when running dynamic SQL from source cache. The same query runs OK with DBSQLPR. SYMPTOMS: MUF abends with SOC4 in module DBMPLPR. IMPACT: Queries can't be executed. MUF abends. CIRCUMVENTION: Deactivating the SQL Source Cache. PRODUCT(S) AFFECTED: DATAACOM SQL Release 15.1 Related Problem: SQL 18278 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01075-DCM151 DESC(MUF ABEND WHEN RUNNING DYNAMIC SQL FROM SOURCE CACHE). ++VER (Z038) FMID (CAVEF10) PRE (LU02698 LU02879 LU03281 LU03984 LU05024 LU06017 LU06158 R092064 S004197 S004243 S009551 S011192 S011629 S014578 S015827) SUP (AL06158 LT01331 LT02647 LT06923 LT07285 LU01331 LU02647 LU06923 R093821 TR93821)

Service	Details
LU07336	LU07336 M.C.S. ENTRIES = ++PTF (LU07336) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a planned architectural enhancement. These updates require no action on your part. Additional information will be provided when the architectural enhancement is ready for release. PRODUCT(S) AFFECTED: DATAKOM/DB Release 15.1 Related Problem: DB 18310 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01078-DCM151 DESC(INFRASTRUCTURE FOR FUTURE ENHANCEMENT). ++VER (Z038) FMID (CABDF10) PRE (LU03981) SUP (LT07336)

Service	Details
LU07339	LU07339 M.C.S. ENTRIES = ++PTF (LU07339) RARE ABEND SOC4 IN MODULE DBTXBPR DURING RESTART PROBLEM DESCRIPTION: The Datacom/DB Multi-User Facility (MUF) can abend with code SOC4 in module DBTXBPR during RESTART processing. The problem involves a ROLBK for a table in "history" status. i.e. a table whose definition was changed. The "history" version of the altered table is only kept to be able to BACKUP or EXTRACT the old data. Since this is the only intended use, such a table should not be subject to maintenance commands and therefore should not participate in RESTART processing. The problem is rare and the only reported case occurred when a Shadow MUF performed RESTART for a failed primary MUF. The problem may be limited to this scenario since RESTART of the MUF was successful after the abend of the Shadow MUF. SYMPTOMS: The MUF abends with a SOC4 during RESTART. IMPACT: There is an outage of the MUF. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DATAKOM/DB Release 15.1 Related Problem: DB 18255 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01079-DCM151 DESC(RARE ABEND SOC4 IN MODULE DBTXBPR DURING RESTART). ++VER (Z038) FMID (CABDF10) PRE (LU00047 LU01916 LU03981 R090075 R090903 R091404 R093647 R094095 S008300 S014095) SUP (DC90081 LC90081 LT00837 LT01312 LT07339 LU01312 R090586 R095037 R096213 R098417 S010776 ST10776 TR90586 TR95037 TR96213 TR98417)

Service	Details
LU07364	LU07364 M.C.S. ENTRIES = ++PTF (LU07364) IBM FUNCTION REGISTRY INACCURATE FUNCSTATUS VSAM, BUF POOL PROBLEM DESCRIPTION: The IBM Function Registry for z/OS may display an inaccurate status of DISABLED vs. ENABLED for the Datacom/DB functions "Buf Pool by Area" and "VSAM Linear". This will occur if either of these functions is truly enabled, but not if they both are enabled or disabled. The status of these functions can be displayed by using either the FXEPRINT batch job, the FXE console commands or by using the SYSVIEW FXE commands. SYMPTOMS: The IBM Function Registry contains an inaccurate status for the two functions listed above. IMPACT: The IBM Function Registry cannot be relied upon to accurately determine if these two features are enabled in the above case. It still can be relied upon to accurately determine if the feature is used via the "USED" attribute. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DATAACOM/DB Release 15.1 Related Problem: DB 18321 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01080-DCM151 DESC(IBM FUNCTION REGISTRY INACCURATE FUNCSTATUS VSAM, BUF POOL). ++VER (Z038) FMID (CABDF10) PRE (LU03981 LU04999 LU05844 LU06892) SUP (LT07364)

Service	Details
LU07553	LU07553 M.C.S. ENTRIES = ++PTF (LU07553) ENHANCEMENT: OPEN ERROR MESSAGE DB00501E IN MUF SYSLOG ENHANCEMENT DESCRIPTION: OPEN error message: DB00501E OPEN ERROR - RETURN CODE rr (iii) is only issued on the application side in most cases. This enhancement provides this message also on the DATACOM/DB Multi-User (MUF) JESLOG for improved error diagnosis. PRODUCT(S) AFFECTED: DATACOM/DB Release 15.1 Related Problem: DB 18179 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01085-DCM151 DESC (ENHANCEMENT: OPEN ERROR MESSAGE DB00501E IN MUF SYSLOG). ++VER (Z038) FMID (CABDF10) PRE (LU00071 LU00290 LU01916 LU02338 LU02807 LU03183 LU03981 LU04668 LU04772 R088530 R090903 R091015 R091632 R092259 R094280 R094783 R095667 R098683 R098926 R099738 R099997 S001215 S007233 S010082 S010748 S011951 S013162 S014079 S015187) SUP (AS01215 AS08152 BC90081 LT00061 LT01374 LT02355 LT02910 LT05174 LT05261 LT05394 LT06592 LT06889 LT07058 LT07553 LU00061 LU01374 LU02910 LU05174 LU05261 LU05394 LU06592 LU06889 LU07058 R093450 R096806 S003866 S004783 S006519 S008152 S008488 S009270 S010373 S014169 S016006 ST03866 ST04783 ST06519 ST08152 ST08488 ST09270 ST10373 ST14169 ST16006 TR93450 TR96806 YC90081) MCS LU05939 STARTS ON PAGE 0002 MCS LU06911 STARTS ON PAGE 0003 MCS LU07007 STARTS ON PAGE 0004 MCS LU07156 STARTS ON PAGE 0005 MCS LU07172 STARTS ON PAGE 0006 MCS LU07179 STARTS ON PAGE 0007 MCS LU07285 STARTS ON PAGE 0008 MCS LU07336 STARTS ON PAGE 0009 MCS LU07339 STARTS ON PAGE 0010 MCS LU07364 STARTS ON PAGE 0011 MCS LU07553 STARTS ON PAGE 0012

Datacom DB Core 15.1
CA RS 2210 Product/Component Listing

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Product Family	Product	Release
Database Management	CA DATACOM DATADictionary	15.01.00
	CA DATACOM FAST RESTORE	15.01.00
	CA DATACOM METACOBOL SUPPORT	15.01.00
	CA DATACOM PRESSPACK	15.01.00
	CA DATACOM SQL	15.01.00
	CA DATACOM/DB	15.01.00
	CA DATAQUERY FOR CA DATACOM	15.01.00
The CA RS 2210 Product/Component Count for this release is 7		

CA RS Level	Service	FMID
CAR2210	LU07553	CABDF10
	LU07364	CABDF10
	LU07339	CABDF10
	LU07336	CABDF10
	LU07285	CAVEF10
	LU07179	CAVEF10
	LU07172	CABDF10
	LU07156	CAVEF10
	LU07007	CABDF10
	LU06911	CAVEF10
	LU05939	CABDF10
CAR2209	LU07058	CABDF10
	LU06923	CAVEF10
	LU06896	CABDF10
	LU06892	CABDF10
	LU06889	CABDF10
	LU06820	CABDF10
	LU06772	CAVEF10
	LU06730	CABDF10
	LU06592	CABDF10
	LU06500	CABDF10
	LU06243	CABDF10
	LU06158	CAVEF10
CAR2208	LU06466	CAADF10
	LU06437	CABDF10
	LU06411	CABDF10
	LU06329	CAVEF10
	LU06295	CABDF10
	LU05938	CABDF10
	LU05861	CABDF10
	LU05844	CABDF10
CAR2207	LU06182	CABDF10
	LU06105	CABDF10
	LU06017	CAVEF10
	LU05950	CAVEF10
	LU05859	CABDF10
	LU05782	CABDF10
	LU05727	CAADF10
CAR2206	LU06026	CABDF10
	LU05899	CABDF10
	LU05809	CABDF10
	LU05789	CAADF10
	LU05712	CABDF10
	LU05611	CABDF10
	LU05569	CABDF10
	LU05412	CAVEF10
	LU05394	CABDF10

CA RS Level	Service	FMID
	LU05391	CAVEF10
	LU05343	CAVEF10
	LU04999	CABDF10
CAR2205	LU05487	CAADF10
	LU05469	CAADF10
	LU05374	CAADF10
	LU05261	CABDF10
	LU05231	CAVEF10
	LU05172	CABDF11
	LU05105	CABDF10
	LU05049	CAADF10
	LU04745	CABDF10
CAR2204	LU05180	CABDF10
	LU05174	CABDF10
	LU05134	CABDF10
	LU05024	CAVEF10
	LU04994	CABDF10
	LU04979	CABDF10
	LU04920	CADQF10
	LU04872	CABDF10
	LU04772	CABDF10
	LU04558	CABDF10
	LU04537	CADQF10
	LU04449	CAVEF10
	LU01844	CABDF10
CAR2203	LU04672	CABDF10
	LU04668	CABDF10
	LU04590	CAVEF10
	LU04574	CAADF10
	LU04569	CABDF10
	LU04513	CAVEF10
	LU04510	CABDF10
	LU04456	CAVEF10
	LU04345	CABDF10
	LU03773	CAVEF10
CAR2202	LU04183	CAADF10
	LU04166	CABDF10
	LU03914	CAVEF10
	LU03833	CAADF10
	LU03776	CABDF10
	LU03534	CADQF10
	LU03028	CABDF10
	LU02919	CABDF10
CAR2201	LU03985	CAZNF10
	LU03984	CAVEF10
	LU03983	CADQF10
	LU03982	CABDF11

CA RS Level	Service	FMID
	LU03981	CABDF10
	LU03980	CAADF15
	LU03979	CAADF10
	LU03888	CAADF10
	LU03836	CABDF10
	LU03816	CAADF10
	LU03700	CABDF10
	LU03458	CABDF10
	LU03423	CABDF10
	LU03281	CAVEF10
	LU03203	CABDF10
	LU03183	CABDF10
	LU01391	CAVEF10
	LU01082	CAVEF10
CAR2112	LU03525	CABDF10
	LU03383	CAADF10
	LU03351	CABDF11
	LU03297	CABDF10
	LU03295	CAADF10
	LU03154	CABDF10
	LU02878	CAVEF10
	LU02404	CAVEF10
	LU02152	CAVEF10
CAR2111	LU03070	CABDF10
	LU02970	CABDF10
	LU02943	CABDF10
	LU02910	CABDF10
	LU02898	CAVEF10
	LU02879	CAVEF10
	LU02864	CABDF10
	LU02645	CAVEF10
CAR2110	LU02807	CABDF10
	LU02698	CAVEF10
	LU02647	CAVEF10
	LU02640	CAVEF10
	LU02623	CABDF10
	LU02610	CAADF10
	LU02536	CABDF10
	LU02338	CABDF10
	LU02239	CAVEF10
CAR2109	LU02542	CABDF10
	LU02435	CABDF10
	LU02418	CABDF10
	LU02318	CAADF10
	LU02248	CABDF10
	LU02040	CABDF10
	LU01216	CAVEF10

CA RS Level	Service	FMID
CAR2108	LU02221	CABDF10
	LU02170	CABDF10
	LU02134	CABDF10
	LU02107	CABDF10
	LU02078	CAADF10
	LU02022	CABDF10
	LU01970	CABDF10
	LU01940	CABDF10
	LU01916	CABDF10
	LU01915	CABDF10
	LU01863	CABDF10
	LU01677	CABDF10
	LU01651	CABDF10
	LU01365	CABDF10
	LU01331	CAVEF10
	LU01153	CAVEF10
CAR2107	LU01925	CABDF10
	LU01834	CAADF10
	LU01689	CABDF10
	LU01636	CABDF10
	LU01591	CABDF10
	LU01545	CABDF10
	LU01483	CAVEF10
	LU01452	CABDF10
	LU01400	CABDF10
	LU01266	CABDF10
	LU01081	CABDF10
	LU01079	CABDF10
CAR2106	SO15813	CAVEF10
	SO14577	CAZNF10
	LU01484	CAVEF10
	LU01428	CAADF10
	LU01374	CABDF10
	LU01370	CABDF10
	LU01312	CABDF10
	LU01302	CABDF10
	LU01280	CABDF10
	LU01259	CAADF10
	LU01249	CAVEF10
	LU01224	CABDF10
	LU01150	CABDF10
	LU01149	CAVEF10
	LU01046	CAVEF10
	LU00988	CAVEF10
	LU00961	CABDF10
CAR2105	SO15660	CABDF10
	LU01022	CAADF10

CA RS Level	Service	FMID
	LU00985	CAVEF10
	LU00984	CABDF10
	LU00981	CAVEF10
	LU00692	CABDF10
	LU00602	CAVEF10
	LU00472	CAADF10
	LU00425	CAVEF10
	LU00354	CAVEF10
	LU00105	CAVEF10
	LU00065	CAVEF10
CAR2104	LU00589	CABDF10
	LU00290	CABDF10
CAR2103	SO16049	CABDF10
	LU00374	CABDF10
	LU00309	CABDF10
	LU00265	CABDF10
	LU00189	CABDF10
	LU00174	CABDF10
	LU00172	CABDF10
	LU00161	CABDF10
	LU00128	CABDF10
	LU00112	CABDF10
	LU00087	CAVEF10
	LU00056	CAVEF10
	LU00047	CABDF10
CAR2102	SO16096	CABDF10
	SO16086	CABDF10
	SO16084	CAADF10
	SO16078	CAVEF10
	SO16052	CABDF10
	SO16004	CABDF10
	SO15871	CABDF10
	LU00071	CABDF10
	LU00061	CABDF10
	LU00053	CABDF10
CAR2101	SO16036	CABDF10
	SO16006	CABDF10
	SO15947	CABDF10
	SO15912	CABDF10
	SO15889	CAVEF10
	SO15866	CAVEF10
	SO15862	CABDF10
	SO15827	CAVEF10
	SO15755	CAVEF10
	SO15728	CAVEF10
	SO15724	CAADF10
	SO15552	CABDF10

CA RS Level	Service	FMID
	S015243	CABDF10
	S015187	CABDF10
	S015152	CABDF10
CAR2012	S015651	CAADF10
	S015527	CAVEF10
	S015521	CABDF10
	S015490	CAADF10
	S015425	CAVEF10
	S015342	CAVEF10
	S015292	CABDF10
	S014980	CABDF10
CAR2011	S015286	CAADF10
	S015224	CAVEF10
	S015186	CABDF10
	S015165	CAVEF10
	S014998	CABDF10
	S014851	CAADF10
	S014825	CAVEF10
	S014818	CABDF10
	S014813	CAVEF10
	S014667	CAVEF10
	S014578	CAVEF10
	S014423	CAVEF10
	S014067	CABDF10
CAR2010	S015008	CABDF10
	S014951	CABDF10
	S014911	CABDF10
	S014804	CAVEF10
	S014800	CAADF10
	S014765	CABDF10
	S014725	CAVEF10
	S014724	CABDF10
	S014651	CABDF10
	S014542	CABDF10
	S014507	CABDF10
	S014334	CABDF10
	S014297	CAVEF10
	S014271	CAVEF10
	S014100	CABDF10
	S014095	CABDF10
CAR2009	S014600	CAADF10
	S014495	CABDF10
	S014493	CAADF10
	S014369	CAVEF10
	S014359	CABDF10
	S014345	CABDF11
	S014296	CABDF10

CA RS Level	Service	FMID
	S014256	CABDF10
	S014169	CABDF10
	S014147	CAVEF10
	S014105	CAVEF10
	S014079	CABDF10
	S013992	CAVEF10
	S013892	CAVEF10
	S011882	CABDF10
CAR2008	S014115	CABDF10
	S014070	CABDF10
	S014068	CAVEF10
	S013991	CABDF10
	S013902	CAVEF10
	S013882	CABDF10
	S013810	CAADF10
	S013742	CAVEF10
	S013740	CABDF10
	S013739	CAVEF10
	S013716	CABDF10
	S013630	CAVEF10
	S013594	CABDF10
	S013581	CABDF10
	S013544	CAVEF10
	S013526	CAVEF10
	S013441	CAADF10
	S013286	CAVEF10
	S013249	CABDF10
	S013055	CAVEF10
CAR2007	S013667	CABDF10
	S013593	CABDF10
	S013463	CABDF10
	S013425	CABDF10
	S013398	CABDF10
	S013370	CABDF10
	S013173	CAVEF10
	S013156	CABDF10
	S013145	CAVEF10
	S013102	CAVEF10
	S013090	CABDF10
CAR2006	S013189	CABDF10
	S013162	CABDF10
	S013093	CAVEF10
	S013040	CABDF10
	S012962	CAVEF10
	S012932	CABDF10
	S012861	CAVEF10
	S012743	CAVEF10

CA RS Level	Service	FMID
	S011965	CABDF10
	S011513	CABDF10
CAR2005	S012828	CABDF10
	S012809	CABDF10
	S012776	CABDF10
	S012771	CABDF10
	S012636	CABDF10
	S012632	CABDF10
	S012601	CAVEF10
	S012557	CAVEF10
	S012504	CAVEF10
	S012497	CAVEF10
	S012203	CABDF10
	S012178	CABDF10
	S011951	CABDF10
	S006944	CABDF11
CAR2004	S012202	CAADF10
	S012165	CABDF10
	S012048	CABDF10
	S011975	CABDF10
	S011629	CAVEF10
	S011348	CAVEF10
CAR2003	S011932	CABDF10
	S011906	CABDF10
	S011692	CAADF10
	S011678	CABDF10
	S010586	CAVEF10
CAR2002	S011673	CABDF10
	S011571	CABDF10
	S011562	CABDF10
	S011501	CABDF10
	S011479	CABDF10
	S011436	CABDF10
	S011435	CABDF10
	S011403	CABDF10
	S011331	CABDF10
	S011326	CAVEF10
	S011247	CABDF10
	S011223	CAVEF10
	S011192	CAVEF10
	S010960	CAVEF10
	S010870	CABDF10
	S010702	CAVEF10
CAR2001	S011278	CABDF10
	S011244	CABDF10
	S010748	CABDF10
	S010720	CABDF10

CA RS Level	Service	FMID
	S010697	CABDF10
CAR1912	S010776	CABDF10
	S010727	CABDF10
	S010624	CABDF10
	S010580	CABDF10
	S010571	CABDF10
	S010439	CABDF10
	S009551	CAVEF10
	S008336	CAVEF10
CAR1911	S010617	CABDF10
	S010523	CAADF10
	S010519	CABDF10
	S010467	CAVEF10
	S010466	CAADF10
	S010462	CAADF10
	S010416	CABDF10
	S010395	CABDF10
	S010380	CAVEF10
	S010373	CABDF10
	S010335	CAVEF10
	S010328	CAVEF10
	S010261	CABDF10
	S010095	CABDF10
	S010082	CABDF10
	S009994	CAVEF10
	S009683	CABDF10
	S009437	CAVEF10
	S009190	CAVEF10
CAR1910	S010109	CABDF10
	S009919	CAADF10
	S009835	CABDF10
	S009814	CAVEF10
	S009679	CABDF10
	S009494	CABDF10
	S009474	CABDF10
CAR1909	S009749	CAADF10
	S009682	CABDF10
	S009648	CABDF10
	S009610	CABDF10
	S009543	CABDF10
	S009510	CABDF10
	S009479	CABDF10
	S009464	CABDF10
	S009367	CABDF10
	S009270	CABDF10
	S008758	CAVEF10
CAR1908	S009219	CABDF10

CA RS Level	Service	FMID
	S009151	CABDF10
	S009143	CABDF10
	S008933	CAVEF10
	S008913	CAADF10
	S008889	CAVEF10
	S008801	CAVEF10
	S008749	CABDF10
	S008622	CABDF10
	S008452	CAVEF10
	S008294	CABDF10
CAR1907	S009034	CABDF10
	S008926	CABDF10
	S008775	CABDF10
	S008697	CABDF10
	S008685	CABDF10
	S008602	CABDF10
	S008590	CABDF10
	S008488	CABDF10
	S008444	CABDF10
	S008394	CABDF10
	S008374	CAVEF10
	S008017	CAVEF10
CAR1906	S008545	CAADF10
	S008500	CABDF10
	S008300	CABDF10
	S008181	CABDF10
	S008120	CABDF10
	S008032	CABDF10
	S007557	CAVEF10
	S007544	CAVEF10
CAR1905	S008152	CABDF10
	S007948	CABDF10
	S007923	CABDF10
	S007900	CABDF10
	S007846	CABDF10
	S007835	CABDF10
	S007524	CABDF10
	S007519	CABDF10
CAR1904	S007786	CABDF10
	S007735	CAADF10
	S007733	CABDF10
	S007572	CAADF10
	S007564	CAADF10
	S007530	CABDF10
	S007496	CABDF10
	S007480	CABDF10
	S007468	CAVEF10

CA RS Level	Service	FMID
	S007461	CAVEF10
	S007425	CABDF10
	S007405	CABDF10
	S007233	CABDF10
	S007166	CABDF10
	S007008	CABDF10
	S006957	CABDF10
CAR1903	S007320	CABDF10
	S007262	CABDF10
	S007258	CABDF10
	S007234	CABDF10
	S007219	CABDF10
	S007202	CABDF10
	S007190	CABDF10
	S007141	CABDF10
	S007055	CABDF10
	S007039	CABDF10
	S007034	CABDF10
	S006999	CAVEF10
	S006945	CABDF10
	S006922	CAVEF10
	S006846	CAVEF10
	S006768	CABDF10
	S006750	CAVEF10
	S006748	CABDF10
	S004529	CAADF10
CAR1902	S007113	CABDF10
	S006840	CABDF10
	S006815	CABDF10
	S006692	CABDF10
	S006613	CABDF10
	S006547	CABDF10
	S006404	CABDF10
CAR1901	S006715	CABDF10
	S006676	CABDF10
	S006626	CAVEF10
	S006551	CABDF10
	S006519	CABDF10
	S006473	CAVEF10
	S006440	CAVEF10
	S006422	CABDF10
	S006412	CAVEF10
	S006402	CAVEF10
	S006401	CABDF10
	S006396	CAVEF10
	S006387	CAVEF10
	S006366	CABDF10

CA RS Level	Service	FMID
	S006365	CABDF10
	S006238	CAVEF10
	S006153	CADQF10
CAR1812	S006314	CABDF10
	S006231	CAVEF10
	S006217	CABDF10
	S006174	CAVEF10
	S006133	CABDF10
	S005985	CAADF10
	S005964	CABDF10
	S005962	CABDF10
	S005935	CAVEF10
	S005882	CABDF10
	S005562	CAVEF10
CAR1811	S005864	CABDF10
	S005778	CABDF10
	S005738	CABDF10
	S005708	CABDF10
	S005665	CABDF10
	S005617	CABDF10
	S005600	CAVEF10
	S005597	CABDF10
	S005583	CABDF10
	S005492	CABDF10
	S005423	CABDF10
	S005417	CAVEF10
	S005404	CABDF10
	S005360	CABDF10
	S005352	CAVEF10
	S005300	CAVEF10
	S005278	CABDF10
CAR1810	S005596	CABDF10
	S005383	CABDF10
	S005361	CABDF10
	S005343	CAVEF10
	S005301	CABDF10
	S005243	CAVEF10
	S005239	CABDF10
	S005221	CABDF10
	S005210	CAVEF10
	S005206	CABDF10
	S005190	CAVEF10
	S005131	CABDF10
	S004938	CABDF10
	S004931	CABDF10
	S004867	CAVEF10
	S004565	CABDF10

CA RS Level	Service	FMID
CAR1809	S005129	CABDF10
	S004997	CABDF10
	S004978	CABDF10
	S004969	CAVEF10
	S004927	CAVEF10
	S004889	CAVEF10
	S004849	CAVEF10
	S004783	CABDF10
	S004745	CABDF10
	S004559	CABDF10
	S004538	CABDF10
	S004526	CABDF11
	S004485	CAADF10
	S004040	CABDF11
	S003799	CABDF10
	S003704	CABDF10
	S003692	CABDF10
CAR1808	S004357	CAVEF10
	S004298	CABDF10
	S004243	CAVEF10
	S004197	CAVEF10
	S004157	CAADF10
	S004152	CAVEF10
	S004151	CABDF10
	S004095	CABDF10
	S004057	CABDF10
	S003985	CABDF10
	S003866	CABDF10
	S003827	CABDF10
	S001837	CABDF10
CAR1807	S004096	CABDF10
	S004045	CAVEF10
	S004034	CAVEF10
	S004015	CAVEF10
	S004003	CAVEF10
	S003941	CABDF10
	S003895	CAVEF10
	S003879	CABDF10
	S003853	CABDF10
	S003825	CABDF10
	S003791	CAVEF10
	S003770	CABDF10
	S003683	CAVEF10
	S001886	CAVEF10
	S001804	CABDF10
CAR1806	S001888	CABDF10
	S001724	CABDF10

CA RS Level	Service	FMID
	S001708	CABDF10
	S001597	CABDF10
	S001569	CABDF10
	S001512	CAVEF10
	S001439	CABDF10
	S001350	CAVEF10
	S001277	CABDF10
	S001215	CABDF10
	S000956	CAVEF10
	S000902	CAVEF10
	S000890	CAVEF10
	S000167	CABDF10
CAR1805	S001443	CABDF10
	S001390	CABDF10
	S001230	CABDF10
	S001226	CABDF10
	S001212	CABDF10
	S001184	CABDF10
	S000426	CAVEF10
CAR1804	S000922	CABDF10
	S000822	CAADF15
	S000629	CABDF10
	S000599	CABDF11
	S000369	CABDF11
	S000074	CABDF10
	S000007	CABDF10
	R099997	CABDF10
	R099171	CABDF10
CAR1803	S000657	CABDF10
	S000595	CABDF10
	S000475	CABDF10
	S000436	CABDF10
	S000315	CABDF10
CAR1802	S000035	CABDF10
	R099972	CAVEF10
	R099969	CAVEF10
	R099964	CAVEF10
	R099902	CABDF10
	R099886	CABDF10
	R099738	CABDF10
	R099737	CABDF10
	R099516	CABDF10
	R099067	CABDF10
CAR1801	R099675	CABDF10
	R099532	CABDF10
	R099390	CABDF10
	R099352	CABDF10

CA RS Level	Service	FMID
	R099100	CABDF10
	R098976	CABDF11
	R098873	CABDF11
	R097375	CABDF11
	R096916	CABDF11
CAR1712	R099168	CAVEF10
	R099051	CAVEF10
	R099046	CADQF10
	R099007	CAVEF10
	R098973	CABDF10
	R098926	CABDF10
	R098879	CABDF10
	R098846	CABDF10
	R098800	CABDF10
	R098737	CABDF10
	R098604	CABDF10
	R098085	CABDF10
CAR1711	R098683	CABDF10
	R098636	CAADF10
	R098593	CABDF10
	R098521	CAVEF10
	R098427	CABDF11
	R098426	CABDF10
	R098417	CABDF10
	R098393	CABDF10
	R098364	CABDF10
	R098348	CABDF10
	R098249	CABDF10
	R098231	CAADF10
	R098220	CABDF10
	R098142	CABDF10
	R098059	CABDF10
CAR1710	R098204	CAADF10
	R098170	CAADF10
	R098086	CABDF10
	R097972	CABDF10
	R097932	CABDF10
	R097893	CABDF10
	R097868	CAADF10
	R097818	CABDF10
	R097757	CABDF10
	R097743	CABDF10
	R097729	CABDF10
	R097723	CABDF10
	R097700	CABDF10
	R097674	CABDF10
	R097607	CAADF10

CA RS Level	Service	FMID
CAR1709	R097677	CABDF10
	R097639	CABDF10
	R097626	CABDF10
	R097526	CABDF10
	R097493	CAADF10
	R097490	CABDF10
	R097460	CAADF10
	R097416	CABDF10
	R097392	CABDF10
	R097386	CAADF10
	R097382	CABDF10
	R097343	CABDF10
	R097329	CABDF10
	R097238	CABDF10
	R097236	CAVEF10
	R097225	CAVEF10
	R097209	CABDF10
	R097131	CAVEF10
	R097126	CAVEF10
	R096797	CAVEF10
	R096118	CAVEF10
	R095978	CAVEF10
CAR1708	R097082	CABDF10
	R096949	CAADF10
	R096852	CABDF10
	R096824	CABDF10
	R096821	CABDF10
	R096806	CABDF10
	R096769	CABDF10
	R096719	CABDF10
	R096617	CABDF10
	R096370	CABDF10
CAR1707	R096568	CABDF10
	R096537	CAADF10
	R096499	CABDF10
	R096447	CABDF10
	R096440	CABDF10
	R096426	CABDF10
	R096420	CABDF10
	R096403	CABDF10
	R096260	CABDF10
	R096191	CABDF10
	R095487	CAADF10
	R095386	CADQF10
CAR1706	R096346	CAADF10
	R096313	CABDF10
	R096312	CABDF10

CA RS Level	Service	FMID
	R096304	CAADF10
	R096300	CABDF10
	R096257	CAADF10
	R096252	CABDF10
	R096213	CABDF10
	R096204	CABDF10
	R096133	CABDF10
	R096053	CABDF10
	R095915	CABDF10
	R095833	CABDF10
	R095761	CABDF10
	R095719	CABDF10
	R095676	CABDF10
	R095600	CABDF10
	R095564	CABDF10
	R095097	CAADF10
	R094902	CABDF10
CAR1705	R095737	CAVEF10
	R095667	CABDF10
	R095621	CADQF10
	R095609	CAVEF10
	R095548	CABDF10
	R095352	CAVEF10
	R095305	CABDF10
	R095277	CABDF10
	R095235	CAVEF10
	R095037	CABDF10
	R094176	CABDF10
CAR1704	R095080	CABDF10
	R094912	CABDF10
	R094907	CABDF10
	R094783	CABDF10
	R094696	CAVEF10
	R094632	CABDF10
CAR1703	R094327	CABDF11
	R094324	CAVEF10
	R094280	CABDF10
	R094247	CAVEF10
	R093821	CAVEF10
	R093677	CAVEF10
	R093613	CAVEF10
	R090834	CADQF10
CAR1702	R094177	CADQF10
	R094095	CABDF10
	R094090	CABDF10
	R094085	CABDF10
	R094001	CABDF10

CA RS Level	Service	FMID
	R094000	CABDF10
	R093647	CABDF10
	R093616	CABDF10
	R093587	CABDF10
	R093585	CABDF10
	R093148	CABDF11
CAR1701	R093666	CAVEF10
	R093560	CAVEF10
	R093454	CABDF10
	R093450	CABDF10
	R093436	CABDF10
	R093373	CAADF10
	R093324	CAVEF10
	R093251	CABDF10
	R093201	CABDF10
	R093127	CABDF10
	R093092	CABDF10
	R093061	CABDF11
	R092954	CABDF10
	R092896	CAADF15
	R092891	CADQF10
	R092864	CAVEF10
	R092858	CABDF10
	R092736	CAADF10
	R092600	CABDF10
	R092507	CAADF10
	R092441	CABDF10
	R092436	CABDF10
	R092398	CABDF10
	R092282	CAVEF10
	R092277	CABDF10
	R092259	CABDF10
	R092243	CABDF10
	R092173	CAVEF10
	R092064	CAVEF10
	R092016	CABDF11
	R092009	CAVEF10
	R091992	CAVEF10
	R091930	CAVEF10
	R091845	CABDF10
	R091732	CABDF10
	R091719	CAADF10
	R091648	CABDF10
	R091632	CABDF10
	R091631	CABDF10
	R091630	CABDF10
	R091587	CABDF10

CA RS Level	Service	FMID
	R091515	CABDF10
	R091427	CABDF10
	R091404	CABDF10
	R091394	CABDF10
	R091352	CABDF10
	R091254	CABDF10
	R091226	CAVEF10
	R091196	CAADF10
	R091185	CAADF10
	R091180	CABDF10
	R091166	CABDF10
	R091165	CABDF10
	R091141	CABDF10
	R091115	CAVEF10
	R091079	CABDF10
	R091015	CABDF10
	R090950	CAADF10
	R090903	CABDF10
	R090854	CAVEF10
	R090838	CAADF10
	R090826	CAVEF10
	R090821	CABDF10
	R090729	CAADF10
	R090586	CABDF10
	R090535	CABDF10
	R090486	CABDF10
	R090397	CABDF10
	R090276	CABDF10
	R090216	CAVEF10
	R090197	CABDF10
	R090182	CABDF10
	R090179	CABDF10
	R090156	CAVEF10
	R090155	CAVEF10
	R090075	CABDF10
	R090074	CAADF10
	R090065	CABDF10
	R090044	CAVEF10
	R089842	CAVEF10
	R089839	CAVEF10
	R089666	CABDF10
	R089559	CABDF10
	R089521	CAVEF10
	R089520	CAVEF10
	R088863	CABDF10
	R088617	CAVEF10
	R088611	CAVEF10

CA RS Level	Service	FMID
	R088550	CAVEF10
	R088530	CABDF10
	R088480	CAVEF10
	R088479	CAVEF10
	R088475	CAVEF10
	R088469	CABDF10