

CA Datacom/DB 15.1
CA RS 2103 Service List

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Service	Description	Type
LU00047	RARE RECOVERY ISSUES WITH MOVED ROWS AFTER A TA24	PTF
LU00056	ROWS MISSING WHEN USING OR IN PREDICATE AFTER S014369	** PRP **
LU00087	SQLCODE -4 IN PXX ON SOME INSERTS	PTF
LU00112	INDEX LOOP WITH DYNAMIC EXTENDS OF IXX DURING RESTART	**HIPER**
LU00128	MEMBER DBDATIN2 IS UPDATED TO REFLECT THE CURRENT GA CODE	PTF
LU00161	POSSIBLE RC 07 (DATA AREA FULL) AFTER DELET PROCESSING	PTF
LU00172	MUF SOC4 IN MODULE DBSIPPR AT STARTUP	** PRP **
LU00174	ENHANCEMENT: VALIDATION SITE TESTING OF 64 BIT DXX BDES	PTF
LU00189	INTERNAL ERRORS AFTER TM24, BA24 WITH DESCENDING NATIVE KEY	PTF
LU00265	MUF ABEND SOC4 IN MODULE DBID3PR OR DBID3PR	** PRP **
LU00309	CORRECTIONS TO BDACTDD2 AND OTHER ACTIVE UPGRADE MEMBERS	PTF
LU00374	CORRECT INSTALL ERRORS IN DBCDRPR, DBCDSPR	PTF
S016049	ENHANCEMENT: VALIDATION SITE TESTING OF BUFFER_POOL_DATA	PTF
The CA RS 2103 service count for this release is 13		

CA Datacom/DB
CA RS 2103 Service List for CABDF10

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FMID	Service	Description	Type
CABDF10	LU00047	RARE RECOVERY ISSUES WITH MOVED ROWS AFTER A TA24	PTF
	LU00112	INDEX LOOP WITH DYNAMIC EXTENDS OF IXX DURING RESTART	**HIPER**
	LU00128	MEMBER DBDATIN2 IS UPDATED TO REFLECT THE CURRENT GA CODE	PTF
	LU00161	POSSIBLE RC 07 (DATA AREA FULL) AFTER DELET PROCESSING	PTF
	LU00172	MUF SOC4 IN MODULE DBSIPPR AT STARTUP	** PRP **
	LU00174	ENHANCEMENT: VALIDATION SITE TESTING OF 64 BIT DXX BDES	PTF
	LU00189	INTERNAL ERRORS AFTER TM24, BA24 WITH DESCENDING NATIVE KEY	PTF
	LU00265	MUF ABEND SOC4 IN MODULE DBIDXR OR DBID3PR	** PRP **
	LU00309	CORRECTIONS TO BDACTDD2 AND OTHER ACTIVE UPGRADE MEMBERS	PTF
	LU00374	CORRECT INSTALL ERRORS IN DBCDRPR, DBCDSPR	PTF
	SO16049	ENHANCEMENT: VALIDATION SITE TESTING OF BUFFER_POOL_DATA	PTF
The CA RS 2103 service count for this FMID is 11			

CA Datacom/DB
CA RS 2103 Service List for CAVEF10

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FMID	Service	Description	Type
CAVEF10	LU00056	ROWS MISSING WHEN USING OR IN PREDICATE AFTER S014369	** PRP **
	LU00087	SQLCODE -4 IN PXX ON SOME INSERTS	PTF
The CA RS 2103 service count for this FMID is 2			

Service	Details
LU00047	LU00047 M.C.S. ENTRIES = ++PTF (LU00047) RARE RECOVERY ISSUES WITH MOVED ROWS AFTER A TA24 PROBLEM DESCRIPTION: An execution of CA Datacom/DB Forward Recovery may encounter an error processing an UPDAT command. This can occur when the Recovery is run against a table which has been subject to a Table Alter 24x7 (TA24) process. The error is quite rare. It occurs due to a complex series of internal actions against an individual row during the TA24 process which includes multiple user update and backout requests for the row in conjunction with other timing conditions. SYMPTOMS: Execution of Forward Recovery is unable to find an existing individual row when processing an UPDAT command. IMPACT: Forward Recovery may not fully reprocess all maintenance successfully. If the errors Recovery encounters are ignored, data integrity may be compromised. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 5702 Copyright (C) 2021 CA. All rights reserved. R00837-DCM151-SP2 DESC(RARE RECOVERY ISSUES WITH MOVED ROWS AFTER A TA24). ++VER (Z038) FMID (CABDF10) PRE (R088469 R088863 R090075 R090903 R091015 R091404 R091632 R092259 R092858 R093647 R094095 R094280 R095915 R096053 R096133 R096191 R096852 R097818 R098364 S000007 S001597 S005665 S006133 S007233 S008300 S008500 S008926 S009151 S009648 S011906 S012178 S013716 S014067) SUP (AS14095 DC90081 LC90081 LT00047 R090586 R091515 R093585 R095037 R096213 R096824 R097416 R098417 R098879 SC90081 S003985 S005301 S007008 S008032 S009679 S010261 S010776 S014095 S016086 ST03985 ST05301 ST07008 ST07663 ST08032 ST09500 ST09679 ST10261 ST10776 ST13837 ST14095 ST15654 ST16086 TR90586 TR91515 TR93585 TR95037 TR96213 TR96824 TR97416 TR98417 TR98879)

Service	Details
LU00056	LU00056 M.C.S. ENTRIES = ++PTF (LU00056) ROWS MISSING WHEN USING OR IN PREDICATE AFTER S014369 PROBLEM DESCRIPTION: After S014369, sometimes the incorrect number of rows are returned when using an OR in predicates. SYMPTOMS: Incorrect number of rows may be returned. IMPACT: Some queries may get incorrect results. CIRCUMVENTION: Reverse the predicate order. PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 12672 Copyright (C) 2021 CA. All rights reserved. R00841-DCM151-SP2 DESC(ROWS MISSING WHEN USING OR IN PREDICATE AFTER S014369). ++VER (Z038) FMID (CAVEF10) PRE (R090216 R090826 R095978 S000890 S001886 S004034 S004197 S005935 S007468 S007544 S008017 S008336 S011326 S011629 S014825) SUP (AR90826 AS14825 DC92212 LT00056 R095609 R099972 S005352 S014369 ST05352 ST14369 TR95609 TR99972)

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CA RS 2103 - PTF LU00087 Details

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Service	Details
LU00087	LU00087 M.C.S. ENTRIES = ++PTF (LU00087) SQLCODE -4 IN PXX ON SOME INSERTS PROBLEM DESCRIPTION: SYMPTOMS: IMPACT: CIRCUMVENTION: PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 2270 Copyright (C) 2021 CA. All rights reserved. R00846-DCM151-SP2 DESC (SQLCODE -4 IN PXX ON SOME INSERTS) . ++VER (Z038) FMID (CAVEF10) PRE (R090826 R092064 S000890 S001886 S005935 S006238 S006402 S007544 S009551 S014725 S015755 S015827 S015889 S016078) SUP (AR92064 AS01886 EC92212 LT00087 R088480 R096118 S000902 S004015 S011348 S015866 ST00902 ST04015 ST11348 ST15866 TR88231 TR88480 TR92901 TR96118)

Service	Details
LU00112	LU00112 M.C.S. ENTRIES = ++PTF (LU00112) INDEX LOOP WITH DYNAMIC EXTENDS OF IXX DURING RESTART PROBLEM DESCRIPTION: The CA Datacom/DB Multi-User Facility (MUF) can loop issuing multiple Dynamic Extends of an IXX until all extents are exhausted resulting in a system B37 error. This can occur if MUF must do a true RESTART after an abnormal end of the previous MUF. The only common case of this loop occurs during the restarting of an AD MUF which supports CA-11. SYMPTOMS: During Restart, MUF loops doing repeated Dynamic Extends of the IXX. This continues until all extents are exhausted resulting in a B37. IMPACT: MUF does not successfully restart without manual intervention. CIRCUMVENTION: Use DBUTLTY to INIT and RETIX the affected IXX, after which RESTART should successfully complete. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 12712 Copyright (C) 2021 CA. All rights reserved. R00848-DCM151-SP2 DESC (INDEX LOOP WITH DYNAMIC EXTENDS OF IXX DURING RESTART). ++VER (Z038) FMID (CABDF10) PRE (R090903 R092441 R095667 R097209 R097757 R098348 R098604 R099902 S000436 S001226 S004931 S006748 S009367 S010109 S011247 S011906 S011975 S012203 S014651) SUP (LT00112 R089559 S007320 S013370 ST07320 ST13370 TR89559)

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CA RS 2103 - PTF LU00128 Details

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Service	Details
LU00128	LU00128 M.C.S. ENTRIES = ++PTF (LU00128) MEMBER DBDATIN2 IS UPDATED TO REFLECT THE CURRENT GA CODE PROBLEM DESCRIPTION: Member DBDATIN2 is updated to reflect the current GA code. As part of this effort SQL and DBServer products are now defaulted on for all sites. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 12735 Copyright (C) 2021 CA. All rights reserved. R00849-DCM151-SP2 DESC(MEMBER DBDATIN2 IS UPDATED TO REFLECT THE CURRENT GA CODE). ++VER (Z038) FMID (CABDF10) PRE (S009479) SUP (LT00128 S000595 S005596 ST00595 ST05596)

Service	Details
LU00161	LU00161 M.C.S. ENTRIES = ++PTF (LU00161) POSSIBLE RC 07 (DATA AREA FULL) AFTER DELET PROCESSING PROBLEM DESCRIPTION: If an application closes a base after performing only DELET or UPDAT commands (i.e. no ADDIT commands), it is possible that free space in a data area is managed incorrectly. As a result, a subsequent ADDIT may encounter RC 07(035) (data area full), even if space is available to store the new row. The error is more likely to occur, if ACCESS NOOPT (non-optimized) is specified for the base. SYMPTOMS: An application receives RC 07(035) on an ADDIT command, even if the corresponding area has enough space to store the new row. IMPACT: The application fails with return code 07(035). CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 12755 Copyright (C) 2021 CA. All rights reserved. R00851-DCM151-SP2 DESC(POSSIBLE RC 07 (DATA AREA FULL) AFTER DELET PROCESSING). ++VER (Z038) FMID (CABDF10) PRE (R088863 R090903 R091632 R092259 R093647 R094095 R096133 R097382 R098364 R099675 S000074 S001215 S008120 S010082 S011906 S012932 S013162 S014296) SUP (LT00161 R098737 R098973 S004096 S007055 S007786 S009682 S010439 S010870 ST04096 ST07055 ST07786 ST09682 ST10439 ST10870 TR98737 TR98973)

Service	Details
LU00172	LU00172 M.C.S. ENTRIES = ++PTF (LU00172) MUF SOC4 IN MODULE DBSIPPR AT STARTUP PROBLEM DESCRIPTION: After applying PTF LU00071, the CA Datacom/AD Multi-User Facility (MUF) can abend with code SOC4 in module DBSIPPR during startup. Datacom/DB MUFs are not affected and will continue to enable with no problem. SYMPTOMS: MUF abends with a SOC4 in module DBSIPPR at or near offset 10790. IMPACT: MUF cannot be activated. CIRCUMVENTION: Specify a licensed Datacom product in addition to AD on the DATACOM MUF Startup Option, for example: DATACOM AD,PRESSPAK PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 12758 Copyright (C) 2021 CA. All rights reserved. R00852-DCM151-SP2 DESC (MUF SOC4 IN MODULE DBSIPPR AT STARTUP) . ++VER (Z038) FMID (CABDF10) PRE (LU00071 R088469 R090276 R090486 R090903 R091015 R091632 R092259 R092858 R094095 R095915 R096260 R097626 R097818 R099532 R099738 R099997 S001597 S003799 S005129 S005964 S006365 S006748 S007900 S008500 S009683 S013716 S015187) SUP (AL00071 LT00172 S001230 S005492 S006676 S008697 S008775 S014115 ST01230 ST05492 ST06676 ST08697 ST08775 ST14115)

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CA RS 2103 - PTF LU00174 Details

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Service	Details
LU00174	LU00174 M.C.S. ENTRIES = ++PTF (LU00174) ENHANCEMENT: VALIDATION SITE TESTING OF 64 BIT DXX BDES ENHANCEMENT DESCRIPTION: This product enhancement delivers code which provides early validation support for using 64 bit storage for part of the DXX BDE's. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 12680 Copyright (C) 2021 CA. All rights reserved. R00853-DCM151-SP2 DESC (ENHANCEMENT: VALIDATION SITE TESTING OF 64 BIT DXX BDES). ++VER (Z038) FMID (CABDF10) PRE (LU00112 R088469 R088530 R088863 R090075 R090276 R090486 R090903 R091015 R091632 R092259 R092858 R093251 R093647 R094001 R094095 R095548 R095667 R096447 R097082 R097382 R097626 R097818 R099532 R099902 S000436 S001184 S001226 S001597 S003799 S004057 S004931 S006365 S006692 S006748 S007835 S007900 S008120 S009648 S009683 S010082 S010395 S011906 S011975 S012203 S013716 S014507 S014998 S015871) SUP (AR90903 BR96447 HC90081 KC90081 LT00174 R091141 R091587 R092600 R096370 R097729 R097972 R098393 R098593 S000035 S004538 S004997 S005278 S005404 S007166 S008590 S009543 S010571 S011562 S014980 S015186 ST00035 ST04538 ST04997 ST05278 ST05404 ST07166 ST08590 ST09543 ST10571 ST11562 ST14980 ST15186 TR91140 TR91141 TR91587 TR92600 TR96370 TR97729 TR97972 TR98393 TR98593 XC90081)

Service	Details
LU00189	LU00189 M.C.S. ENTRIES = ++PTF (LU00189) INTERNAL ERRORS AFTER TM24, BA24 WITH DESCENDING NATIVE KEY PROBLEM DESCRIPTION: ONLINE_TABLE_MOVE 24X7 (TM24) and BLOCK_SIZE_ALTER 24X7 (BA24) with a descending native sequence key can result in internal errors. Rows are not moved to the new table location, even though the process appears to be successful. Rows subject to individual maintenance commands ADDIT and UPDAT, however, are moved to the target table. Applications accessing the table after these processes may fail with return code 13 internal errors. Other subordinate symptoms are possible, based on the corrupted state of the tables involved. SYMPTOMS: Applications are failing with return code 13 internal errors. Based on the corrupted state of the tables involved in these processes, many other subordinate symptoms are possible. IMPACT: The tables involved are corrupted and need to be rebuilt from backups (INIT, LOAD). CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 12789 Copyright (C) 2021 CA. All rights reserved. R00854-DCM151-SP2 DESC (INTERNAL ERRORS AFTER TM24, BA24 WITH DESCENDING NATIVE KEY). ++VER (Z038) FMID (CABDF10) PRE (R088863 R090903 R091015 R091404 R091632 R092259 R092858 R093647 R094095 R096260 R096499 R099171 S001215 S001597 S003799 S003941 S006692 S007233 S007900 S009474 S010748 S011247 S011678 S011975 S012203 S012932 S013156 S013882 S015187) SUP (AR96260 LT00189 R090397 R095833 R096568 R097343 R099067 S005131 S005882 S007405 S008749 S011501 S013425 S014070 S014911 S015008 S015912 S016049 ST05131 ST05882 ST07405 ST08749 ST11501 ST13425 ST14070 ST14911 ST15008 ST15912 ST16049 TR90397 TR95833 TR96568 TR97343 TR99067 VC90081)

Service	Details
LU00265	LU00265 M.C.S. ENTRIES = ++PTF (LU00265) MUF ABEND SOC4 IN MODULE DBIDXPR OR DBID3PR PROBLEM DESCRIPTION: After applying PTF LU00112, the CA Datacom/DB Multi-User Facility (MUF) can abend with a SOC4 in either the DBIDXPR or the DBID3PR module. This can occur when a DBUTLTY LOAD is run specifying MULTUSE=YES. SYMPTOMS: MUF abends with a SOC4 in module DBIDXPR at or near offset x'65C4' or in module DBID3PR at or near offset X'388'. IMPACT: There is a MUF outage. CIRCUMVENTION: If possible, run the DBUTLTY LOAD in single user mode, either by specifying or defaulting to MULTUSE=NO. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 12859 Copyright (C) 2021 CA. All rights reserved. R00855-DCM151-SP2 DESC(MUF ABEND SOC4 IN MODULE DBIDXPR OR DBID3PR). ++VER (Z038) FMID (CABDF10) PRE (R090903 R092441 R095667 R097209 R097757 R098348 R098604 R099902 S000436 S001226 S004931 S006748 S009367 S010109 S011247 S011906 S011975 S012203 S014651) SUP (AL00112 LT00112 LT00265 LU00112 R089559 S007320 S013370 ST07320 ST13370 TR89559)

Service	Details
LU00309	LU00309 M.C.S. ENTRIES = ++PTF (LU00309) CORRECTIONS TO BDACTDD2 AND OTHER ACTIVE UPGRADE MEMBERS PROBLEM DESCRIPTION: Depending on the mix of Broadcom-distributed system databases(CDC, AUTOCOLLECT, AUTOSTATUS), all the appropriate steps in BDACTDD2 may fail to run. Updated member BDACTDD2 is provided to ensure the right steps are executed for all environments. This PTF also contains other updates to ACTIVE UPGRADE members to correct some minor items, such as jobnames and typos in instruction text. SYMPTOMS: Member BDACTDD2 STEP2B can result in CC=16 if bases are missing, causing STEP4B.DDPNLS to flush. IMPACT: STEP4B.DDPNLS will fail to run and the upgrade will not be complete. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom Datadictionary Release 15.1 Related Problem: DD 12904 Copyright (C) 2021 CA. All rights reserved. R00857-DCM151-SP2 DESC(CORRECTIONS TO BDACTDD2 AND OTHER ACTIVE UPGRADE MEMBERS). ++VER (Z038) FMID (CABDF10) PRE (R091427 S010580) SUP (LT00309 R091165 R098249 TR91165 TR98248 TR98249)

Service	Details
LU00374	LU00374 M.C.S. ENTRIES = ++PTF (LU00374) CORRECT INSTALL ERRORS IN DBCDRPR, DBCDSPR PROBLEM DESCRIPTION: Incorrect JCLIN for programs DBCDRPR and DBCDSPR. SYMPTOMS: DBCDRPR and DBCDSPR will not install correctly when installing a PAX. IMPACT: Errors during a PAX install. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 12973 Copyright (C) 2021 CA. All rights reserved. R00859-DCM151-SP2 DESC(CORRECT INSTALL ERRORS IN DBCDRPR, DBCDSPR). ++VER (Z038) FMID (CABDF10) SUP (LT00374)

Service	Details
SO16049	SO16049 M.C.S. ENTRIES = ++PTF (SO16049) ENHANCEMENT: VALIDATION SITE TESTING OF BUFFER_POOL_DATA ENHANCEMENT DESCRIPTION: This product enhancement delivers code changes based on feedback from the early validation testing of a new Buffer Pool by Area capability. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 5707 Copyright (C) 2021 CA. All rights reserved. R00831-DCM151-SP2 DESC (ENHANCEMENT: VALIDATION SITE TESTING OF BUFFER_POOL_DATA) . ++VER (Z038) FMID (CABDF10) PRE (R088863 R090903 R091015 R091404 R091632 R092259 R092858 R093647 R094095 R096499 R099171 S001215 S003799 S003941 S005882 S006692 S007233 S007900 S009474 S010748 S011247 S011678 S011975 S012203 S012932 S013156 S013882 S015187 S016006) SUP (R095833 R096568 R097343 R099067 S005131 S008749 S011501 S014070 S015912 ST05131 ST08749 ST11501 ST14070 ST15912 ST16049 TR95833 TR96568 TR97343 TR99067 VC90081) MCS LU00047 STARTS ON PAGE 0002 MCS LU00056 STARTS ON PAGE 0003 MCS LU00087 STARTS ON PAGE 0003 MCS LU00112 STARTS ON PAGE 0004 MCS LU00128 STARTS ON PAGE 0005 MCS LU00161 STARTS ON PAGE 0006 MCS LU00172 STARTS ON PAGE 0007 MCS LU00174 STARTS ON PAGE 0007 MCS LU00189 STARTS ON PAGE 0008 MCS LU00265 STARTS ON PAGE 0009 MCS LU00309 STARTS ON PAGE 0010 MCS LU00374 STARTS ON PAGE 0011 MCS SO16049 STARTS ON PAGE 0012

CA Datacom/DB 15.1
CA RS 2103 Product/Component Listing

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Product Family	Product	Release
Database	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 2103 Product/Component Count for this release is 7		

CA RS Level	Service	FMID
CAR2103	S016049	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	S016096	CABDF10
	S016086	CABDF10
	S016084	CAADF10
	S016078	CAVEF10
	S016052	CABDF10
	S016004	CABDF10
	S015871	CABDF10
	LU00071	CABDF10
	LU00061	CABDF10
	LU00053	CABDF10
CAR2101	S016036	CABDF10
	S016006	CABDF10
	S015947	CABDF10
	S015912	CABDF10
	S015889	CAVEF10
	S015866	CAVEF10
	S015862	CABDF10
	S015827	CAVEF10
	S015755	CAVEF10
	S015728	CAVEF10
	S015724	CAADF10
	S015552	CABDF10
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

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CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
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

CA RS Level	Service	FMID
	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
	S001708	CABDF10
	S001597	CABDF10
	S001569	CABDF10
	S001512	CAVEF10
	S001439	CABDF10
	S001350	CAVEF10
	S001277	CABDF10
	S001215	CABDF10
	S000956	CAVEF10
	S000902	CAVEF10
	S000890	CAVEF10
	S000167	CABDF10

CA RS Level	Service	FMID
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
	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

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CA RS Level	Service	FMID
	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
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

CA RS Level	Service	FMID
	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
	R096304	CAADF10
	R096300	CABDF10
	R096257	CAADF10
	R096252	CABDF10
	R096213	CABDF10
	R096204	CABDF10
	R096133	CABDF10
	R096053	CABDF10
	R095915	CABDF10
	R095833	CABDF10
	R095761	CABDF10
	R095719	CABDF10

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	R091515	CABDF10
	R091427	CABDF10
	R091404	CABDF10
	R091394	CABDF10
	R091352	CABDF10
	R091254	CABDF10
	R091226	CAVEF10
	R091196	CAADF10
	R091185	CAADF10
	R091180	CABDF10
	R091166	CABDF10
	R091165	CABDF10

CA RS Level	Service	FMID
	R091141	CABDF10
	R091115	CAVEF10
	R091079	CABDF10
	R091015	CABDF10
	R090950	CAADF10
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	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
	R088550	CAVEF10
	R088530	CABDF10
	R088480	CAVEF10
	R088479	CAVEF10
	R088475	CAVEF10
	R088469	CABDF10