

CA Datacom/DB 15.1
CA RS 2105 Service List

Service	Description	Type
LU00065	UNSIGNED SMALLINT AND INTEGER COMPARISON TREATED AS SIGNED	PTF
LU00105	SQLSC_VERSION EXECUTE COUNT INCORRECT	PTF
LU00354	TOO MANY ROWS RETURNED FROM LEFT JOIN WITH ON CLAUSE	PTF
LU00425	SQLCODE -117 RC91(137) WITH INDEX MERGE JOIN AND DESC KEY	** PRP **
LU00472	INVALID/INCORRECT SQLNAME AND AUTHID WHEN DOING APPLYCXX	PTF
LU00602	SECURITY ERROR WITH FIRST SQL REQUEST	PTF
LU00692	RC 13(011) AND INDEX QUEUE HANG	PTF
LU00981	MUF TERMINATES WITH ABEND S878 AT END OF MEMORY	PTF
LU00984	INFRASTRUCTURE FOR A FUTURE FEATURE	PTF
LU00985	INFRASTRUCTURE FOR A FUTURE FEATURE	PTF
LU01022	SUPPORT COMPRESSION ATTRIBUTE ON SQL CREATE TABLE	PTF
SO15660	ENHANCEMENT: VALIDATION SITE TESTING OF DISCONNECT_TASK	PTF
The CA RS 2105 service count for this release is 12		

CA Datacom/DB
CA RS 2105 Service List for CAADF10

FMID	Service	Description	Type
CAADF10	LU00472	INVALID/INCORRECT SQLNAME AND AUTHID WHEN DOING APPLYCXX	PTF
	LU01022	SUPPORT COMPRESSION ATTRIBUTE ON SQL CREATE TABLE	PTF
The CA RS 2105 service count for this FMID is 2			

CA Datacom/DB
CA RS 2105 Service List for CABDF10

FMID	Service	Description	Type
CABDF10	LU00692	RC 13(011) AND INDEX QUEUE HANG	PTF
	LU00984	INFRASTRUCTURE FOR A FUTURE FEATURE	PTF
	S015660	ENHANCEMENT: VALIDATION SITE TESTING OF DISCONNECT_TASK	PTF
The CA RS 2105 service count for this FMID is 3			

CA Datacom/DB
CA RS 2105 Service List for CAVEF10

FMID	Service	Description	Type
CAVEF10	LU00065	UNSIGNED SMALLINT AND INTEGER COMPARISON TREATED AS SIGNED	PTF
	LU00105	SQLSC_VERSION EXECUTE COUNT INCORRECT	PTF
	LU00354	TOO MANY ROWS RETURNED FROM LEFT JOIN WITH ON CLAUSE	PTF
	LU00425	SQLCODE -117 RC91(137) WITH INDEX MERGE JOIN AND DESC KEY	** PRP **
	LU00602	SECURITY ERROR WITH FIRST SQL REQUEST	PTF
	LU00981	MUF TERMINATES WITH ABEND S878 AT END OF MEMORY	PTF
	LU00985	INFRASTRUCTURE FOR A FUTURE FEATURE	PTF
The CA RS 2105 service count for this FMID is 7			

CA Datacom/DB 15.1
 CA RS 2105 - PTF LU00065 Details

Service	Details
LU00065	<p>LU00065 M.C.S. ENTRIES = ++PTF (LU00065)</p> <p>UNSIGNED SMALLINT AND INTEGER COMPARISON TREATED AS SIGNED</p> <p>PROBLEM DESCRIPTION:</p> <p>Unsigned SMALLINT and INTEGER are being compared as signed.</p> <p>SYMPTOMS:</p> <p>The wrong rows can be returned.</p> <p>IMPACT:</p> <p>This can return the wrong rows.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom SQL Release 15.1</p> <p>Related Problem:</p> <p>SQL 12676</p> <p>Copyright (C) 2021 CA. All rights reserved. R00844-DCM151-SP2</p> <p>DESC(UNSIGNED SMALLINT AND INTEGER COMPARISON TREATED AS SIGNED).</p> <p>++VER (Z038)</p> <p>FMID (CAVEF10)</p> <p>PRE (R090826 S001886 S005343 S005935 S006396 S007544 S010328 S010335 S011629 S012497 S013742)</p> <p>SUP (LT00065 R091930 R091992 S003895 ST03895 TR91930 TR91992)</p>

CA Datacom/DB 15.1
CA RS 2105 - PTF LU00105 Details

Service	Details
LU00105	<p>LU00105 M.C.S. ENTRIES = ++PTF (LU00105)</p> <p>SQLSC_VERSION EXECUTE COUNT INCORRECT</p> <p>PROBLEM DESCRIPTION:</p> <p>PTF S015889 corrected the SQLSC_VERSION times-executed counter for Dynamic SQL INSERTs, but it caused it to be incorrect for cursors.</p> <p>SYMPTOMS:</p> <p>The execute count is always 1 or 2.</p> <p>IMPACT:</p> <p>Not knowing the number of times a statement has been executed makes it more difficult to select inefficient queries.</p> <p>CIRCUMVENTION:</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom SQL Release 15.1</p> <p>Related Problem:</p> <p>SQL 2269</p> <p>Copyright (C) 2021 CA. All rights reserved. R00847-DCM151-SP2</p> <p>DESC(SQLSC_VERSION EXECUTE COUNT INCORRECT).</p> <p>++VER (Z038)</p> <p>FMID (CAVEF10)</p> <p>PRE (R090216 R090826 S001886 S004034 S004197 S005935 S007544 S008336 S014297 S014825 S015827 S015889)</p> <p>SUP (LT00105 ST10139)</p>

CA Datacom/DB 15.1
 CA RS 2105 - PTF LU00354 Details

Service	Details
LU00354	<p>LU00354 M.C.S. ENTRIES = ++PTF (LU00354)</p> <p>TOO MANY ROWS RETURNED FROM LEFT JOIN WITH ON CLAUSE</p> <p>PROBLEM DESCRIPTION:</p> <p>Sometimes when using a LEFT JOIN with an ON clause, the tables are joined as if there is no ON clause causing too many rows to be returned.</p> <p>SYMPTOMS:</p> <p>Tables are joined as if there is no ON clause, and too many rows returned.</p> <p>IMPACT:</p> <p>Results have too many rows.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom SQL Release 15.1</p> <p>Related Problem:</p> <p>SQL 12946</p> <p>Copyright (C) 2021 CA. All rights reserved. R00858-DCM151-SP2</p> <p>DESC(TOO MANY ROWS RETURNED FROM LEFT JOIN WITH ON CLAUSE).</p> <p>++VER (Z038)</p> <p>FMID (CAVEF10)</p> <p>PRE (S001886 S007544 S009437 S011629)</p> <p>SUP (CS11629 LT00354 S014813 ST14813)</p>

Service	Details
LU00425	<p>LU00425 M.C.S. ENTRIES = ++PTF (LU00425)</p> <p>The following items are included in this solution:</p> <ol style="list-style-type: none"> 1. SQLCODE -117 RC91(137) WITH INDEX MERGE JOIN AND DESC KEY 2. PREDICATES WITH EXPRESSIONS IGNORED AFTER S011629 3. SQL ERROR WHEN COMPARING DECIMAL WITH HOSTVAR AFTER S013526 <p>=====</p> <p>SQLCODE -117 RC91(137) WITH INDEX MERGE JOIN AND DESC KEY</p> <p>PROBLEM DESCRIPTION:</p> <p>Under the following conditions, a query cannot be executed:</p> <ol style="list-style-type: none"> 1. The query uses a comma-separate join <p>EXample: FROM T1, T2</p> <p>Syntax "FROM T1 INNER JOIN T2" is not affected.</p> <ol style="list-style-type: none"> 2. The SQL Optimizer selects the index-merge join method. 3. The inner table key used has a descending column after the join columns. 4. The inner table key used is longer than 160 bytes. <p>In this situation SQL instructs CBS to return rows in the sequence of the index, but specifies ASCENDING on the DESCENDING column in error. This requires CBS to build a temporary index. But the maximum length of a temporary index is 160 bytes.</p> <p>SYMPTOMS:</p> <p>The bind of the query fails with SQLCODE -117 and database code 91(137).</p> <p>IMPACT:</p> <p>The query cannot be bound.</p> <p>CIRCUMVENTION:</p> <p>Convert the FROM clause to use INNER JOIN syntax, which forces nested-loop join method.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom SQL Release 15.1</p> <p>Related Problem:</p> <p>SQL 12667</p> <p>=====</p> <p>PREDICATES WITH EXPRESSIONS IGNORED AFTER S011629</p> <p>PROBLEM DESCRIPTION:</p> <p>After applying S011629, predicates with an expression referencing the inner table of the last join are ignored.</p> <p>Example:</p> <pre>SELECT * FROM T1 INNER JOIN T2 WHERE T1.COL1 = T2.COL1 * 2</pre> <p>SYMPTOMS:</p> <p>Too many rows are returned in the result set.</p> <p>IMPACT:</p> <p>The wrong rows are returned.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom SQL Release 15.1</p> <p>Related Problem:</p> <p>SQL 12675</p> <p>=====</p> <p>SQL ERROR WHEN COMPARING DECIMAL WITH HOSTVAR AFTER S013526</p> <p>PROBLEM DESCRIPTION:</p>

CA Datacom/DB 15.1
CA RS 2105 - PTF LU00425 Details

Service	Details
	<p>When comparing a DECIMAL column with a host variable or parameter marker that is a different DATATYPE and length , SQL returns an error after S013526.</p> <p>SYMPTOMS: SQL will return an error.</p> <p>IMPACT: Queries with host variables or parameter markers will fail due to SQL error.</p> <p>CIRCUMVENTION: Restore S013526.</p> <p>PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1</p> <p>Related Problem: SQL 13266</p> <p>Copyright (C) 2021 CA. All rights reserved. R00860-DCM151-SP2</p> <p>DESC (SQLCODE -117 RC91(137) WITH INDEX MERGE JOIN AND DESC KEY) . ++VER (Z038) FMID (CAVEF10) PRE (R090155 R090826 R090854 R093613 R095978 S001886 S011629 S013173 S013526 S015755) SUP (DS11629 ES11629 LT00055 LT00059 LT00425 R088550 R099168 S015527 ST15527 TR88208 TR88392 TR88550 TR90605 TR99168)</p>

Service	Details
LU00472	<p>LU00472 M.C.S. ENTRIES = ++PTF (LU00472)</p> <p>INVALID/INCORRECT SQLNAME AND AUTHID WHEN DOING APPLYCXX</p> <p>PROBLEM DESCRIPTION:</p> <p>When using DDUPDATE to perform a 1000 APPLYCXX to add a key directly to a table in PROD status, SQLNAME and AUTHID attributes are incorrectly populated.</p> <p>SYMPTOMS:</p> <p>Key attributes SQLNAME and AUTHID are populated with invalid values as reflected in the Detail Report of the key.</p> <p>IMPACT:</p> <p>Inaccurate attribute values on keys.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom Datadictionary Release 15.1</p> <p>Related Problem:</p> <p>DD 13056</p> <p>Copyright (C) 2021 CA. All rights reserved. R00862-DCM151-SP2</p> <p>DESC(INVALID/INCORRECT SQLNAME AND AUTHID WHEN DOING APPLYCXX). ++VER (Z038) FMID (CAADF10) PRE (R091196 R095097 R098231 S011692) SUP (LT00472 R090950 S012202 S014851 ST12202 ST14851 TR90950)</p>

Service	Details
LU00602	<p>LU00602 M.C.S. ENTRIES = ++PTF (LU00602)</p> <p>SECURITY ERROR WITH FIRST SQL REQUEST</p> <p>PROBLEM DESCRIPTION:</p> <p>In a secured Multi-User Facility, MUF, with no table access allowed to the DATADictionary base, a security violation occurs upon the first SQL request due to SQL internal startup processes.</p> <p>SYMPTOMS:</p> <p>An extraneous security violation message is returned.</p> <p>IMPACT:</p> <p>SQL Internal startup process is unable to happen.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom SQL Release 15.1</p> <p>Related Problem:</p> <p>SQL 13174</p> <p>Copyright (C) 2021 CA. All rights reserved. R00864-DCM151-SP2</p> <p>DESC (SECURITY ERROR WITH FIRST SQL REQUEST).</p> <p>++VER (Z038)</p> <p>FMID (CAVEF10)</p> <p>PRE (S001886)</p> <p>SUP (LT00602 S001512 ST01512)</p>

Service	Details
LU00692	<p>LU00692 M.C.S. ENTRIES = ++PTF (LU00692)</p> <p>RC 13(011) AND INDEX QUEUE HANG</p> <p>PROBLEM DESCRIPTION:</p> <ol style="list-style-type: none"> 1. An application may receive a DB return code 13(011) (unexpected condition other). 2. The Index Queue for a particular DBID may cease to run showing a status of "WAIT E/C DBSIXX". <p>Either of the above conditions can happen after a return code 13 (004) (invalid block number) is encountered during DXX block split processing. This 13(004) should not occur, so these symptoms are extremely rare. They have only been encountered once during internal QA stress testing of Dynamic Extend.</p> <p>SYMPTOMS:</p> <ol style="list-style-type: none"> 1. Some maintenance request fails with return code 13(011). 2. The Index Queue hangs with a status of "WAIT E/C DBSIXX". <p>IMPACT:</p> <ol style="list-style-type: none"> 1. An application fails. 2. Applications can run unexpectedly longer if the Index Queue depth for a DBID becomes large. <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom/DB Release 15.1</p> <p>Related Problem:</p> <p>DB 13235</p> <p>Copyright (C) 2021 CA. All rights reserved. R00865-DCM151-SP2</p> <p>DESC(RC 13(011) AND INDEX QUEUE HANG).</p> <p>++VER (Z038)</p> <p>FMID (CABDF10)</p> <p>PRE (LU00290 R090903 R092441 R095667 R097209 R097757 R098348 R098604 R099902 S000436 S001226 S004931 S006748 S009367 S010109 S011247 S011906 S011975 S012203 S014651)</p> <p>SUP (AL00112 LT00112 LT00265 LT00692 LU00112 LU00265 R089559 S007320 S013370 ST07320 ST13370 TR89559)</p>

Service	Details
LU00981	<p>LU00981 M.C.S. ENTRIES = ++PTF (LU00981)</p> <p>MUF TERMINATES WITH ABEND S878 AT END OF MEMORY</p> <p>PROBLEM DESCRIPTION:</p> <p>SQL limits job memory to 10MB, when this limit is reached an error is returned and LUW memory might not be released. This can cause MUF memory to fill up and cause a S878 ABEND.</p> <p>SYMPTOMS:</p> <p>MUF receives JOB MEMORY EXCEEDS LIMIT errors, and will abend if memory becomes full.</p> <p>IMPACT:</p> <p>MUF may abend.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom SQL Release 15.1</p> <p>Related Problem:</p> <p>SQL 13407</p> <p>Copyright (C) 2021 CA. All rights reserved. R00872-DCM151-SP2</p> <p>DESC(MUF TERMINATES WITH ABEND S878 AT END OF MEMORY) .</p> <p>++VER (Z038)</p> <p>FMID (CAVEF10)</p> <p>PRE (S004197 S006238 S006402 S009551)</p> <p>SUP (AS09551 BC92212 LT00893 LT00981 R088617 R090156</p> <p>R094247 R096797 S011223 ST11223 TR88617 TR90156</p> <p>TR94247 TR96797)</p>

CA Datacom/DB 15.1
CA RS 2105 - PTF LU00984 Details

Service	Details
LU00984	LU00984 M.C.S. ENTRIES = ++PTF (LU00984) INFRASTRUCTURE FOR A FUTURE FEATURE ENHANCEMENT DESCRIPTION: This enhancement provides infrastructure for a future feature. PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 CA Datacom/DB Release 15.1 Related Problem: SQL 2263 Copyright (C) 2021 CA. All rights reserved. R00873-DCM151-SP2 DESC (INFRASTRUCTURE FOR A FUTURE FEATURE) . ++VER (Z038) FMID (CABDF10) SUP (LT00896 LT00984) ++IF FMID (CAVEF10) REQ (LU00985) .

Service	Details
LU00985	<p>LU00985 M.C.S. ENTRIES = ++PTF (LU00985)</p> <p>INFRASTRUCTURE FOR A FUTURE FEATURE</p> <p>ENHANCEMENT DESCRIPTION: This enhancement provides infrastructure for a future feature.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom SQL Release 15.1 CA Datacom/DB Release 15.1</p> <p>Related Problem: SQL 2263</p> <p>Copyright (C) 2021 CA. All rights reserved. R00873-DCM151-SP2</p> <p>DESC (INFRASTRUCTURE FOR A FUTURE FEATURE) . ++VER (Z038) FMID (CAVEF10)</p> <p>PRE (LU00065 LU00981 R090216 R090826 R095352 R095978 S000890 S001886 S004197 S004243 S005190 S005343 S005935 S006238 S006396 S006402 S006440 S006473 S007544 S008017 S008336 S008452 S008801 S009437 S010328 S010335 S011629 S012497 S013742 S014105 S014147 S014725 S014825 S015165 S015755 S015827 S015889)</p> <p>SUP (AR90216 AR90826 AS05190 AS14825 BC92212 BR90826 CR90826 DC92212 HC92212 IC92212 LT00056 LT00105 LT00985 LU00056 LU00105 R088617 R089520 R089521 R090156 R091930 R092282 R092864 R095609 R096797 R098521 R099972 S001350 S004034 S004889 S004969 S005352 S006387 S006750 S007468 S011326 S012861 S013055 S013544 S013992 S014297 S014369 S015224 ST01350 ST04034 ST04889 ST04969 ST05352 ST05998 ST06383 ST06387 ST06750 ST07468 ST08489 ST10139 ST10151 ST10304 ST11326 ST12861 ST13055 ST13544 ST13992 ST14297 ST14369 ST15224 ST16010 TR88617 TR89520 TR89521 TR90156 TR91930 TR92282 TR92864 TR95609 TR96797 TR98438 TR98521 TR99972)</p> <p>++IF FMID (CABDF10) REQ (LU00984) .</p>

Service	Details
LU01022	<p>LU01022 M.C.S. ENTRIES = ++PTF (LU01022)</p> <p>SUPPORT COMPRESSION ATTRIBUTE ON SQL CREATE TABLE ENHANCEMENT DESCRIPTION: Provide code changes necessary for SQL to create a table with the compression attribute. PRODUCT(S) AFFECTED: CA Datacom Datadictionary Release 15.1 Related Problem: DD 13414 Copyright (C) 2021 CA. All rights reserved. R00875-DCM151-SP2</p> <p>DESC(SUPPORT COMPRESSION ATTRIBUTE ON SQL CREATE TABLE). ++VER (Z038) FMID (CAADF10) PRE (S010466) SUP (LT01022)</p>

CA Datacom/DB 15.1
CA RS 2105 - PTF SO15660 Details

Service	Details
SO15660	<p>SO15660 M.C.S. ENTRIES = ++PTF (SO15660)</p> <p>ENHANCEMENT: VALIDATION SITE TESTING OF DISCONNECT_TASK ENHANCEMENT DESCRIPTION: This product enhancement delivers code which provides early validation support for a new "console-like" command of DISCONNECT_TASK. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 5703 Copyright (C) 2021 CA. All rights reserved. R00815-DCM151-SP2</p> <p>DESC (ENHANCEMENT: VALIDATION SITE TESTING OF DISCONNECT_TASK). ++VER (Z038) FMID (CABDF10) PRE (R088530 R090486 R090903 R091015 R091404 R092858 R093647 R094095 R096252 R096300 R097893 R098683 R099738 S001215 S003825 S003853 S004931 S007233 S009474 S010748 S013162 S013463 S013882 S014507 S015292) SUP (R099516 S005864 S009494 S012048 ST05864 ST09340 ST09494 ST12048 ST15660 TR99516) MCS LU00065 STARTS ON PAGE 0002 MCS LU00105 STARTS ON PAGE 0002 MCS LU00354 STARTS ON PAGE 0003 MCS LU00425 STARTS ON PAGE 0004 MCS LU00472 STARTS ON PAGE 0006 MCS LU00602 STARTS ON PAGE 0007 MCS LU00692 STARTS ON PAGE 0007 MCS LU00981 STARTS ON PAGE 0008 MCS LU00984 STARTS ON PAGE 0009 MCS LU00985 STARTS ON PAGE 0010 MCS LU01022 STARTS ON PAGE 0014 MCS SO15660 STARTS ON PAGE 0015</p>

CA Datacom/DB 15.1
CA RS 2105 Product/Component Listing

Product Family	Product	Release
Database	CA DATACOM DATADITIONARY	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 2105 Product/Component Count for this release is 7		

CA Datacom/DB 15.1
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR2105	S015660	CABDF10
	LU01022	CAADF10
	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	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

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CA RS Level	Service	FMID
	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
	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

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CA RS Level	Service	FMID
	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
	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

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CA RS Level	Service	FMID
	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
	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

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CA RS Level	Service	FMID
	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
	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

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CA RS Level	Service	FMID
	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
	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

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CA RS Level	Service	FMID
	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
	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

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CA RS Level	Service	FMID
	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
	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

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CA RS Level	Service	FMID
	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
	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

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CA RS Level	Service	FMID
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
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

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CA RS Level	Service	FMID
	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
	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

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CA RS Level	Service	FMID
	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
	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

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CA RS Level	Service	FMID
	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
	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

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CA RS Level	Service	FMID
	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
	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

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CA RS Level	Service	FMID
	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
	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

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CA RS Level	Service	FMID
	R088617	CAVEF10
	R088611	CAVEF10
	R088550	CAVEF10
	R088530	CABDF10
	R088480	CAVEF10
	R088479	CAVEF10
	R088475	CAVEF10
	R088469	CABDF10