

Datacom/AD 15.1
CA RS 2202 Service List

Service	Description	Type
LU02919	DBUTLTY LOAD FAILS WITH DB13010C I/O ERROR AFTER A DB RC	PTF
LU03028	INCORRECT RESULTS SQL QUERY WITH A COMPLEX LIKE PREDICATE	PTF
LU03776	ENHANCEMENT: VALIDATION SITE TESTING OF A NEW PFS1M OPTION	PTF
LU03833	OPTIMIZE PERFORMANCE OF DDMNRLM	PTF
LU03914	SQLCODE -999 EXPR ALREADY RELOCATED WITH IN LIST PREDICATE	** PRP **
LU04086	MF: TERMINATE DATACOM SERVER WHEN LOGON=NO WITH SECURED MUF	** PRP **
LU04166	ENHANCEMENT: DELIVERS CODE AS BASIS FOR FUTURE ENHANCEMENTS	PTF
LU04183	CHANGES TO CONDITION CODE SEVERITIES	PTF
The CA RS 2202 service count for this release is 8		

Datacom/AD
CA RS 2202 Service List for CAADF10

FMID	Service	Description	Type
CAADF10	LU03833	OPTIMIZE PERFORMANCE OF DDMNRLM	PTF
	LU04183	CHANGES TO CONDITION CODE SEVERITIES	PTF
The CA RS 2202 service count for this FMID is 2			

Datacom/AD
CA RS 2202 Service List for CABDF10

FMID	Service	Description	Type
CABDF10	LU02919	DBUTLTY LOAD FAILS WITH DB13010C I/O ERROR AFTER A DB RC	PTF
	LU03028	INCORRECT RESULTS SQL QUERY WITH A COMPLEX LIKE PREDICATE	PTF
	LU03776	ENHANCEMENT: VALIDATION SITE TESTING OF A NEW PFS1M OPTION	PTF
	LU04166	ENHANCEMENT: DELIVERS CODE AS BASIS FOR FUTURE ENHANCEMENTS	PTF
The CA RS 2202 service count for this FMID is 4			

Datacom/AD
CA RS 2202 Service List for CAVEF10

FMID	Service	Description	Type
CAVEF10	LU03914	SQLCODE -999 EXPR ALREADY RELOCATED WITH IN LIST PREDICATE	** PRP **
The CA RS 2202 service count for this FMID is 1			

Datacom/AD
CA RS 2202 Service List for CAYTF00

FMID	Service	Description	Type
CAYTF00	LU04086	MF: TERMINATE DATACOM SERVER WHEN LOGON=NO WITH SECURED MUF	** PRP **
The CA RS 2202 service count for this FMID is 1			

Datacom/AD 15.1
CA RS 2202 - PTF LU02919 Details

Service	Details
LU02919	<p>LU02919 M.C.S. ENTRIES = ++PTF (LU02919)</p> <p>DBUTLTY LOAD FAILS WITH DB13010C I/O ERROR AFTER A DB RC</p> <p>PROBLEM DESCRIPTION:</p> <p>A DBUTLTY LOAD may fail with an "unrecoverable I/O error" if it incurs a non-blank DB return code during execution. The problem occurs only when using the "High Performance FICON (zHPF) channel I/O architecture" feature.</p> <p>SYMPTOMS:</p> <p>DBUTLTY LOAD aborts with the following messages:</p> <p>DB13010C - UNRECOVERABLE I/O ERROR ON SQ1016</p> <p>DB10045E - ABNORMAL TERMINATION DUE TO ERROR(S)</p> <p>IMPACT:</p> <p>DBUTLTY LOAD abends after a non-blank return code.</p> <p>CIRCUMVENTION:</p> <p>Eliminate the return code that preceded the I/O error.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom/DB Release 15.1</p> <p>Related Problem:</p> <p>DB 14876</p> <p>(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>DESC (DBUTLTY LOAD FAILS WITH DB13010C I/O ERROR AFTER A DB RC).</p> <p>++VER (Z038)</p> <p>FMID (CABDF10)</p> <p>PRE (LU01370 LU02040 LU03981 R088863 R094095 R096852</p> <p>S009367 S013594)</p> <p>SUP (LT02919 R096420 S001390 S006547 ST01390 ST06547</p> <p>TR96420)</p>

Service	Details
LU03028	<p>LU03028 M.C.S. ENTRIES = ++PTF (LU03028)</p> <p>INCORRECT RESULTS SQL QUERY WITH A COMPLEX LIKE PREDICATE</p> <p>PROBLEM DESCRIPTION:</p> <p>A query, which includes an SQL LIKE clause may not find qualifying rows. This can happen if all of the following conditions are true.</p> <p>A. An individual LIKE clause has four or more wild cards.</p> <p>B. Three or more of the wild cards are percent signs (%).</p> <p>C. At least one of the wild cards is an underscore (_), and it is within two %'s.</p> <p>D. The '_' follows one or more actual specified character values.</p> <p>E. The '%' following the '_' is not the last '%', but instead is followed by additional actual characters which in turn are followed by a '%'. F. The final character(s) prior to the last '%' are satisfied by data from a section at the end of the column, the length of which is equal to the number of actual characters preceding the '_'.</p> <p>Some simple examples:</p> <p>A column exists, 26 bytes in length, populated with values A to Z of the alphabet.</p> <p>In the following two examples, the section at the end of the column is two bytes long (determined by characters 'FG' preceding the '_') and it contains 'YZ'. Neither of the following two queries finds a match, i.e. neither Z nor Y are found:</p> <pre>SELECT * FROM CHAR26 WHERE ALPHA1 LIKE '%FG_Z%' SELECT * FROM CHAR26 WHERE ALPHA1 LIKE '%FG_Y%'</pre> <p>But the following two examples return the column, because neither X nor Y are within the one byte (only character G is preceding the '_') section at the end of the column (containing 'Z'):</p> <pre>SELECT * FROM CHAR26 WHERE ALPHA1 LIKE '%G_X%' SELECT * FROM CHAR26 WHERE ALPHA1 LIKE '%G_Y%'</pre> <p>Returned column: ABCDEFGHIJKLMNOPQRSTUVWXYZ</p> <p>SYMPTOMS:</p> <p>A query which includes an SQL LIKE clause may not find qualifying rows when it should.</p> <p>IMPACT:</p> <p>An SQL query does not return rows when it should.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>Datacom/DB Release 15.1 Datacom/SQL Release 15.1</p> <p>Related Problem:</p> <p>DB 14946</p> <p>(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>DESC(INCORRECT RESULTS SQL QUERY WITH A COMPLEX LIKE PREDICATE). ++VER (Z038) FMID (CABDF10) PRE (LU02248 LU03981 R092259 R095667 S010395 S011479 SO15521) SUP (LT01636 LT03028 LU01636 R090197 R098142 R098800</p>

Datacom/AD 15.1
CA RS 2202 - PTF LU03028 Details

Service	Details
	S000922 S004938 S007141 S016096 ST00922 ST04938 ST07141 ST16096 TR90197 TR98142 TR98800)

Datacom/AD 15.1
CA RS 2202 - PTF LU03776 Details

Service	Details
LU03776	<p>LU03776 M.C.S. ENTRIES = ++PTF (LU03776)</p> <p>ENHANCEMENT: VALIDATION SITE TESTING OF A NEW PFS1M OPTION ENHANCEMENT DESCRIPTION: This product enhancement delivers code which provides support for a new Large Frame Area option for alternate DXX buffer pools. PRODUCT(S) AFFECTED: DATAACOM/DB Release 15.1 Related Problem: DB 15503 Copyright (C) 2022 CA. All rights reserved. R00972-DCM151-SP3</p> <p>DESC (ENHANCEMENT: VALIDATION SITE TESTING OF A NEW PFS1M OPTION). ++VER (Z038) FMID (CABDF10) PRE (LU01689 LU03183 LU03423 LU03458 LU03981 LU04166) SUP (LT02435 LT03745 LT03776 LU02435) ++HOLD (LU03776) SYSTEM FMID(CABDF10) REASON (DOC) DATE (22018) COMMENT (</p> <pre> +-----+ DATAACOM/DB Release 15.1 +-----+ ***** * PUBLICATION * ***** Documentation for this new Large Page Frame support for DXX alternate buffer pools 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#concept.dita_ f218b23279e7fe60d232df04109c53a67a820049_ LargeFrameSupportforBUFFERPOOLDEF) </pre>

Datacom/AD 15.1
CA RS 2202 - PTF LU03833 Details

Service	Details
LU03833	<p>LU03833 M.C.S. ENTRIES = ++PTF (LU03833)</p> <p>OPTIMIZE PERFORMANCE OF DDMNRLM</p> <p>PROBLEM DESCRIPTION:</p> <p>SYMPTOMS:</p> <p>Code inefficiency resulting in slower processing.</p> <p>IMPACT:</p> <p>Slightly slower processing of adding entities.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>DATAKOM DATADICIONARY Release 15.1</p> <p>Related Problem:</p> <p>DD 15492</p> <p>Copyright (C) 2022 CA. All rights reserved. R00975-DCM151-SP3</p> <p>DESC(OPTIMIZE PERFORMANCE OF DDMNRLM).</p> <p>++VER (Z038)</p> <p>FMID (CAADF10)</p> <p>PRE (LU03979)</p> <p>SUP (LT03833 R092736 R093373 S008913 ST08913 TR92736</p> <p>TR93316 TR93373)</p>

Service	Details
LU03914	<p>LU03914 M.C.S. ENTRIES = ++PTF (LU03914)</p> <p>SQLCODE -999 EXPR ALREADY RELOCATED WITH IN LIST PREDICATE</p> <p>PROBLEM DESCRIPTION:</p> <p>A query where an IN list that references the high order column of an index is not the only predicate cannot be executed.</p> <p>This problem began with PTF LU03281.</p> <p>SYMPTOMS:</p> <p>The query is rejected with SQLCODE -999 EXPR ALREADY RELOCATED.</p> <p>IMPACT:</p> <p>The query cannot be executed.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>DATAKOM SQL Release 15.1</p> <p>Related Problem:</p> <p>SQL 15629</p> <p>Copyright (C) 2022 CA. All rights reserved. R00978-DCM151-SP3</p> <p>DESC(SQLCODE -999 EXPR ALREADY RELOCATED WITH IN LIST PREDICATE).</p> <p>++VER (Z038)</p> <p>FMID (CAVEF10)</p> <p>PRE (LU01216 LU02878 LU03984 S001886 S007544 S009437 S011629)</p> <p>SUP (CL02878 CS11629 LT00354 LT03914 LU00354 S014813 ST14813)</p>

Service	Details
LU04086	<p>LU04086 M.C.S. ENTRIES = ++PTF (LU04086)</p> <p>MF: TERMINATE DATACOM SERVER WHEN LOGON=NO WITH SECURED MUF PROBLEM DESCRIPTION: An unsecured Datacom Server is allowed to connect to an externally secured Multi-User Facility (MUF). This PTF addresses this scenario by terminating Datacom Server.</p> <p>SYMPTOMS: When the startup option LOGON=NO is specified in Datacom Server connection to an externally secured MUF is successful. Once this PTF is applied, Datacom Server with LOGON=NO and no SECEXIT or CONEXIT in place will no longer be permitted to connect to a secured MUF.</p> <p>IMPACT: Datacom Server connecting to a secured MUF using LOGON=NO could present a security vulnerability. The Datacom Multi-User Facility is not affected.</p> <p>CIRCUMVENTION: Update the input parameter LOGON to YES in Datacom Server and connect to a secured MUF.</p> <p>PRODUCT(S) AFFECTED: DATACOM SERVER Version 15.0</p> <p>Related Problem: DBSRV 15355</p> <p>Copyright (C) 2022 CA. All rights reserved. R00138-DSR150-SP3</p> <p>DESC (MF: TERMINATE DATACOM SERVER WHEN LOGON=NO WITH SECURED MUF) . ++VER (Z038) FMID (CAYTF00) PRE (LU00463 LU02882 LU03987 R067585 R069180 R069183 R070007 R071053 R079250 R088156 R089159 R093486 S006664 S008110 S015082 S016056) SUP (AS15082 BC06625 LT01907 LT04086 S015298 ST15298) ++HOLD (LU04086) SYSTEM FMID(CAYTF00) REASON (DOC) DATE (22013) COMMENT (</p> <pre> +-----+ DATACOM SERVER Version 15.0 +-----+ ***** * PUBLICATION * ***** Information regarding the updates in this PTF can be found in the Release Notes for Datacom Server with the following URL: https://techdocs.broadcom.com/us/en/ca-mainframe-software/ database-management/ca-datacom-tools/15-1/release-notes-for-15-1/ ca-datacom-server-new-and-enhanced-features-for-15-x.html A new message has been added to Datacom Server in this PTF. The message details can be found in the following URL: https://techdocs.broadcom.com/us/en/ca-mainframe-software/ database-management/ca-datacom-messages/1-0/ca-datacom-server-messages/ mainframe-messages/dsv00155e.html). </pre>

Datacom/AD 15.1
CA RS 2202 - PTF LU04166 Details

Service	Details
LU04166	<p>LU04166 M.C.S. ENTRIES = ++PTF (LU04166)</p> <p>ENHANCEMENT: DELIVERS CODE AS BASIS FOR FUTURE ENHANCEMENTS</p> <p>ENHANCEMENT DESCRIPTION: This product enhancement delivers updated code which will form the basis for future code changes.</p> <p>PRODUCT(S) AFFECTED: DATAKOM/DB Release 15.1</p> <p>Related Problem: DB 15818</p> <p>Copyright (C) 2022 CA. All rights reserved. R00981-DCM151-SP3</p> <p>DESC(ENHANCEMENT: DELIVERS CODE AS BASIS FOR FUTURE ENHANCEMENTS). ++VER (Z038) FMID (CABDF10)</p> <p>PRE (LU00290 LU01452 LU01863 LU03423 LU03981 R090075 R090486 R090903 R091015 R091632 R092259 R092858 R093647 R094095 R095667 R096447 R096769 R097818 R099532 R099738 S000007 S001184 S003799 S006365 S007519 S009683 S011951 S012203 S015187) SUP (LT04166 S005206 S013463 ST03768 ST05206 ST13463)</p>

Datacom/AD 15.1
CA RS 2202 - PTF LU04183 Details

Service	Details																								
LU04183	<p>LU04183 M.C.S. ENTRIES = ++PTF (LU04183)</p> <p>CHANGES TO CONDITION CODE SEVERITIES</p> <p>PROBLEM DESCRIPTION:</p> <p>The current state of Condition Codes is not uniform. This solution makes changes (increases OR decreases) to have a more reasonable expectation in Datacom Datadictionary transactions.</p> <ol style="list-style-type: none"> 1. A transaction that does NOT process receives a CC=8 2. A transaction that DOES process, yet also gives a warning message, receives a CC=4. <p>SYMPTOMS:</p> <p>Prior to this solution, certain Datadictionary transactions would behave in opposition of these rules:</p> <ol style="list-style-type: none"> 1. A transaction that does NOT process could have received a CC=4. 2. A transaction that DOES process, could give a warning message and still issue a CC=8. <p>IMPACT:</p> <p>No uniformity to the expected behavior resulting from condition codes.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>DATAKOM DATADICIONARY Release 15.1</p> <p>Related Problem:</p> <p>DD 15830</p> <p>Copyright (C) 2022 CA. All rights reserved. R00982-DCM151-SP3</p> <p>DESC (CHANGES TO CONDITION CODE SEVERITIES).</p> <p>++VER (Z038)</p> <p>FMID (CAADF10)</p> <p>PRE (LU03979 R095097 R098231 S011692)</p> <p>SUP (LT04183 S010523 ST10523)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">MCS</td> <td style="width: 40%;">LU02919</td> <td style="width: 50%;">STARTS ON PAGE 0002</td> </tr> <tr> <td>MCS</td> <td>LU03028</td> <td>STARTS ON PAGE 0002</td> </tr> <tr> <td>MCS</td> <td>LU03776</td> <td>STARTS ON PAGE 0004</td> </tr> <tr> <td>MCS</td> <td>LU03833</td> <td>STARTS ON PAGE 0005</td> </tr> <tr> <td>MCS</td> <td>LU03914</td> <td>STARTS ON PAGE 0006</td> </tr> <tr> <td>MCS</td> <td>LU04086</td> <td>STARTS ON PAGE 0007</td> </tr> <tr> <td>MCS</td> <td>LU04166</td> <td>STARTS ON PAGE 0008</td> </tr> <tr> <td>MCS</td> <td>LU04183</td> <td>STARTS ON PAGE 0009</td> </tr> </table>	MCS	LU02919	STARTS ON PAGE 0002	MCS	LU03028	STARTS ON PAGE 0002	MCS	LU03776	STARTS ON PAGE 0004	MCS	LU03833	STARTS ON PAGE 0005	MCS	LU03914	STARTS ON PAGE 0006	MCS	LU04086	STARTS ON PAGE 0007	MCS	LU04166	STARTS ON PAGE 0008	MCS	LU04183	STARTS ON PAGE 0009
MCS	LU02919	STARTS ON PAGE 0002																							
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MCS	LU04166	STARTS ON PAGE 0008																							
MCS	LU04183	STARTS ON PAGE 0009																							

Datacom/AD 15.1
CA RS 2202 Product/Component Listing

Product Family	Product	Release
Database	CA DATACOM/AD	15.01.00
	CA IPC	15.01.00
	CA DATACOM	15.00.00
The CA RS 2202 Product/Component Count for this release is 3		

Datacom/AD 15.1
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR2202	LU04183	CAADF10
	LU04166	CABDF10
	LU04086	CAYTF00
	LU03914	CAVEF10
	LU03833	CAADF10
	LU03776	CABDF10
	LU03028	CABDF10
	LU02919	CABDF10
	CAR2201	LU03988
LU03987		CAYTF00
LU03986		CAAXF10
LU03984		CAVEF10
LU03981		CABDF10
LU03979		CAADF10
LU03888		CAADF10
LU03836		CABDF10
LU03816		CAADF10
LU03700		CABDF10
LU03458		CABDF10
LU03423		CABDF10
LU03281		CAVEF10
LU03203		CABDF10
LU03183		CABDF10
LU03043		CAYTF00
LU01391		CAVEF10
LU01082		CAVEF10
CAR2112		LU03525
	LU03383	CAADF10
	LU03297	CABDF10
	LU03295	CAADF10
	LU03154	CABDF10
	LU02899	CAYTF02
	LU02882	CAYTF00
	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
LU02698		CAVEF10
LU02647		CAVEF10

Datacom/AD 15.1
All CA RS Levels Service List

CA RS Level	Service	FMID
	LU02640	CAVEF10
	LU02623	CABDF10
	LU02610	CAADF10
	LU02536	CABDF10
	LU02338	CABDF10
	LU02239	CAVEF10
	LU02159	CAYTF00
	LU01433	CAYTF00
CAR2109	LU02542	CABDF10
	LU02435	CABDF10
	LU02418	CABDF10
	LU02318	CAADF10
	LU02248	CABDF10
	LU02040	CABDF10
	LU01216	CAVEF10
CAR2108	LU02221	CABDF10
	LU02170	CABDF10
	LU02134	CABDF10
	LU02107	CABDF10
	LU02078	CAADF10
	LU02022	CABDF10
	LU01970	CABDF10
	LU01940	CABDF10
	LU01916	CABDF10
	LU01915	CABDF10
	LU01863	CABDF10
	LU01736	CAYTF00
	LU01677	CABDF10
	LU01651	CABDF10
	LU01619	CAYTF02
	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
	LU01484	CAVEF10

Datacom/AD 15.1
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	LU00463	CAYTF00
	LU00231	CAYTF02
CAR2105	SO15660	CABDF10
	LU01022	CAADF10
	LU00985	CAVEF10
	LU00984	CABDF10
	LU00981	CAVEF10
	LU00977	CAYTF00
	LU00692	CABDF10
	LU00602	CAVEF10
	LU00472	CAADF10
	LU00425	CAVEF10
	LU00354	CAVEF10
	LU00105	CAVEF10
	LU00065	CAVEF10
CAR2104	LU00668	CAVQF10
	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

Datacom/AD 15.1
 All CA RS Levels Service List

CA RS Level	Service	FMID
	S016084	CAADF10
	S016078	CAVEF10
	S016056	CAYTF00
	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	S015298	CAYTF00
	S015286	CAADF10
	S015224	CAVEF10
	S015186	CABDF10
	S015165	CAVEF10
	S015083	CAYTF02
	S015082	CAYTF00
	S014998	CABDF10
	S014851	CAADF10
	S014825	CAVEF10
	S014818	CABDF10
	S014813	CAVEF10
	S014667	CAVEF10
	S014578	CAVEF10
	S014423	CAVEF10

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 All CA RS Levels Service List

CA RS Level	Service	FMID
	S014067	CABDF10
CAR2010	S015008	CABDF10
	S014957	CAAXF10
	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
	S014296	CABDF10
	S014256	CABDF10
	S014169	CABDF10
	S014147	CAVEF10
	S014105	CAVEF10
	S014079	CABDF10
	S013992	CAVEF10
	S013892	CAVEF10
	S011882	CABDF10
	S011872	CAAXF10
CAR2008	S014115	CABDF10
	S014070	CABDF10
	S014068	CAVEF10
	S013991	CABDF10
	S013902	CAVEF10
	S013882	CABDF10
	S013810	CAADF10
	S013788	CAVQF10
	S013742	CAVEF10
	S013740	CABDF10
	S013739	CAVEF10
	S013716	CABDF10
	S013630	CAVEF10
	S013594	CABDF10

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CA RS Level	Service	FMID
	S013581	CABDF10
	S013544	CAVEF10
	S013526	CAVEF10
	S013448	CAAXF10
	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
	R072189	CAYTF00
	R070316	CAYTF00
	R069811	CAYTF00
	R069282	CAYTF00
	R069183	CAYTF00
	R069180	CAYTF00
	R068064	CAYTF00
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
	S012203	CABDF10

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CA RS Level	Service	FMID
	S012178	CABDF10
	S011951	CABDF10
CAR2004	S012202	CAADF10
	S012165	CABDF10
	S012048	CABDF10
	S011975	CABDF10
	S011629	CAVEF10
	S011348	CAVEF10
CAR2003	S012082	CAVQF10
	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
	S009941	CAYTF00
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

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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
	S008666	CAYTF00
	S008622	CABDF10
	S008452	CAVEF10
	S008294	CABDF10
CAR1907	S009034	CABDF10

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CA RS Level	Service	FMID
	S008926	CABDF10
	S008775	CABDF10
	S008697	CABDF10
	S008685	CABDF10
	S008602	CABDF10
	S008590	CABDF10
	S008488	CABDF10
	S008444	CABDF10
	S008394	CABDF10
	S008374	CAVEF10
	S008110	CAYTF00
	S008017	CAVEF10
CAR1906	S008545	CAADF10
	S008500	CABDF10
	S008458	CAVQF10
	S008300	CABDF10
	S008181	CABDF10
	S008120	CABDF10
	S008032	CABDF10
	S007557	CAVEF10
	S007544	CAVEF10
CAR1905	S008152	CABDF10
	S007948	CABDF10
	S007923	CABDF10
	S007900	CABDF10
	S007867	CAVQF10
	S007846	CABDF10
	S007835	CABDF10
	S007533	CAYTF02
	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

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CA RS Level	Service	FMID
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
	S007076	CAVQF10
	S006840	CABDF10
	S006815	CABDF10
	S006692	CABDF10
	S006665	CAYTF02
	S006664	CAYTF00
	S006613	CABDF10
	S006547	CABDF10
	S006404	CABDF10
	S005865	CAYTF02
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
CAR1812	S006314	CABDF10

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CA RS Level	Service	FMID
	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
	S005096	CAYTF02
	S005095	CAYTF00
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
	S005085	CAVQF10
	S004938	CABDF10
	S004931	CABDF10
	S004867	CAVEF10
	S004565	CABDF10
CAR1809	S005129	CABDF10

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CA RS Level	Service	FMID
	S004997	CABDF10
	S004978	CABDF10
	S004969	CAVEF10
	S004927	CAVEF10
	S004889	CAVEF10
	S004849	CAVEF10
	S004783	CABDF10
	S004745	CABDF10
	S004559	CABDF10
	S004538	CABDF10
	S004485	CAADF10
	S003799	CABDF10
	S003704	CABDF10
	S003692	CABDF10
CAR1808	S004646	CAYTF00
	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
	S001707	CAYTF00
	S000289	CAYTF02
	S000288	CAYTF00
	R099018	CAYTF00
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	S001909	CAVQF10
	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
	S001151	CAVQF10
	S000426	CAVEF10
CAR1804	S000922	CABDF10
	S000629	CABDF10
	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
	R099840	CAYTF02
	R099839	CAYTF00
	R099738	CABDF10
	R099737	CABDF10
	R099516	CABDF10
	R099067	CABDF10
CAR1801	R099675	CABDF10

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CA RS Level	Service	FMID
	R099532	CABDF10
	R099390	CABDF10
	R099352	CABDF10
	R099100	CABDF10
CAR1712	R099168	CAVEF10
	R099051	CAVEF10
	R099007	CAVEF10
	R098973	CABDF10
	R098926	CABDF10
	R098879	CABDF10
	R098846	CABDF10
	R098800	CABDF10
	R098737	CABDF10
	R098604	CABDF10
	R098085	CABDF10
	R098045	CAYTF02
	R097050	CAYTF02
	R097049	CAYTF00
	R095900	CAYTF00
CAR1711	R098683	CABDF10
	R098636	CAADF10
	R098593	CABDF10
	R098521	CAVEF10
	R098426	CABDF10
	R098417	CABDF10
	R098393	CABDF10
	R098364	CABDF10
	R098348	CABDF10
	R098249	CABDF10
	R098231	CAADF10
	R098220	CABDF10
	R098142	CABDF10
	R098059	CABDF10
CAR1710	R098254	CAYTF00
	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
	R097467	CAVQF10
	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	R096707	CAYTF02
	R096568	CABDF10
	R096537	CAADF10
	R096499	CABDF10
	R096447	CABDF10
	R096440	CABDF10
	R096426	CABDF10
	R096420	CABDF10
	R096403	CABDF10
	R096260	CABDF10
	R096191	CABDF10
	R095487	CAADF10

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CA RS Level	Service	FMID
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
	R095676	CABDF10
	R095600	CABDF10
	R095564	CABDF10
	R095097	CAADF10
	R094902	CABDF10
CAR1705	R095737	CAVEF10
	R095667	CABDF10
	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
	R094324	CAVEF10
CAR1703	R094280	CABDF10
	R094247	CAVEF10
	R093821	CAVEF10
	R093677	CAVEF10
	R093613	CAVEF10
	R094095	CABDF10
CAR1702	R094090	CABDF10
	R094085	CABDF10
	R094001	CABDF10
	R094000	CABDF10

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CA RS Level	Service	FMID
	R093647	CABDF10
	R093616	CABDF10
	R093587	CABDF10
	R093585	CABDF10
	R093486	CAYTF00
CAR1701	R093666	CAVEF10
	R093560	CAVEF10
	R093454	CABDF10
	R093450	CABDF10
	R093436	CABDF10
	R093373	CAADF10
	R093324	CAVEF10
	R093251	CABDF10
	R093201	CABDF10
	R093127	CABDF10
	R093092	CABDF10
	R092954	CABDF10
	R092864	CAVEF10
	R092858	CABDF10
	R092736	CAADF10
	R092663	CAYTF02
	R092600	CABDF10
	R092507	CAADF10
	R092441	CABDF10
	R092436	CABDF10
	R092398	CABDF10
	R092282	CAVEF10
	R092277	CABDF10
	R092259	CABDF10
	R092243	CABDF10
	R092173	CAVEF10
	R092064	CAVEF10
	R092009	CAVEF10
	R091992	CAVEF10
	R091930	CAVEF10
	R091845	CABDF10
	R091732	CABDF10
	R091729	CAVQF10
	R091719	CAADF10
	R091648	CABDF10
	R091632	CABDF10
	R091631	CABDF10
	R091630	CABDF10
	R091587	CABDF10
	R091515	CABDF10
	R091427	CABDF10
	R091404	CABDF10

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CA RS Level	Service	FMID
	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
	R090607	CAVQF10
	R090586	CABDF10
	R090535	CABDF10
	R090486	CABDF10
	R090414	CAVQF10
	R090397	CABDF10
	R090276	CABDF10
	R090216	CAVEF10
	R090197	CABDF10
	R090182	CABDF10
	R090179	CABDF10
	R090156	CAVEF10
	R090155	CAVEF10
	R090075	CABDF10
	R090074	CAADF10
	R090065	CABDF10
	R090044	CAVEF10
	R089985	CAVQF10
	R089915	CAVQF10
	R089842	CAVEF10
	R089839	CAVEF10
	R089666	CABDF10
	R089594	CAVQF10
	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
CAR1608	R089160	CAYTF02
	R089159	CAYTF00
CAR1605	R089016	CAYTF02
CAR1604	R088157	CAYTF02
	R088156	CAYTF00
	R087666	CAYTF02
CAR1602	R081768	CAYTF02
	R079335	CAYTF02
	R079251	CAYTF02
	R076353	CAYTF02
	R074101	CAYTF02
	R073679	CAYTF02
CAR1507	R081721	CAYTF00
CAR1506	R080137	CAYTF00
CAR1505	R079334	CAYTF00
CAR1504	R079250	CAYTF00
CAR1411	R073785	CAYTF00
	R073508	CAYTF00