

CA Datacom/AD 14.0
CA RS 1705 Service List

Service	Description	Type
RO93844	DBUTLTY ACCESS DF_DS_OP CAUSES A LOOP IN MUF INSIDE DBOP1PR	*HIP/PRP*
RO94558	CPU LOOP IN MUF REGION AFTER RO93427	**HIPER**
RO94884	MUF MEMORY HANG USING VIEWS	PTF
RO95067	LOAD MULTUSE=YES PERFORMANCE	PTF
RO95588	SQL INSTALLATION AS AN ADD ON	PTF
RO95622	CTS 5.4 DQ TRAN MUST HAVE TASKDATALOC(BELOW)	PTF
The CA RS 1705 service count for this release is 6		

CA Datacom/AD
CA RS 1705 Service List for CABDE00

FMID	Service	Description	Type
CABDE00	RO93844	DBUTLTY ACCESS DF_DS_OP CAUSES A LOOP IN MUF INSIDE DBOP1PR	*HIP/PRP*
	RO94558	CPU LOOP IN MUF REGION AFTER RO93427	**HIPER**
	RO95067	LOAD MULTUSE=YES PERFORMANCE	PTF
The CA RS 1705 service count for this FMID is 3			

CA Datacom/AD
CA RS 1705 Service List for CADQE00

FMID	Service	Description	Type
CADQE00	RO95622	CTS 5.4 DQ TRAN MUST HAVE TASKDATALOC(BELOW)	PTF
The CA RS 1705 service count for this FMID is 1			

CA Datacom/AD
CA RS 1705 Service List for CAVEE00

FMID	Service	Description	Type
CAVEE00	RO94884	MUF MEMORY HANG USING VIEWS	PTF
	RO95588	SQL INSTALLATION AS AN ADD ON	PTF
The CA RS 1705 service count for this FMID is 2			

CA Datacom/AD 14.0
CA RS 1705 - PTF RO93844 Details

Service	Details						
RO93844	<p>RO93844 M.C.S. ENTRIES = ++PTF (RO93844)</p> <p>DBUTLTY ACCESS DF_DS_OP CAUSES A LOOP IN MUF INSIDE DBOP1PR</p> <p>PROBLEM DESCRIPTION:</p> <p>The CA Datacom/DB Multi-User Facility (MUF) can go into a loop if it was brought up with startup option ACCESS DF_DS_OP dbid. The option is used to defer a data set OPEN until the first Datacom/DB request to read or add a row is issued by an application.</p> <p>SYMPTOMS:</p> <p>COMM STATUS of the MUF shows a ROLBK command in running status for a long time while other jobs accessing the MUF remain in "READY TO RUN" status and/or "WAIT I/O", etc.</p> <p>IMPACT:</p> <p>The CPU loop in MUF prevents it from processing other batch or online activity.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">CA Datacom/DB</td> <td style="text-align: right;">Version 14.0</td> </tr> <tr> <td>CA Datacom/DB</td> <td style="text-align: right;">Version 15.0</td> </tr> <tr> <td>CA Datacom/DB</td> <td style="text-align: right;">Version 15.1</td> </tr> </table> <p>Related Problem:</p> <p>DB 5237</p> <p>Copyright (C) 2017 CA. All rights reserved. R00967-DCM140-SP1</p> <p>DESC(DBUTLTY ACCESS DF_DS_OP CAUSES A LOOP IN MUF INSIDE DBOP1PR).</p> <p>++VER (Z038)</p> <p>FMID (CABDE00)</p> <p>PRE (RO61435 RO66384 RO81739)</p> <p>SUP (AC88688 EC88688 RO43273 RO83384 RO87802 RO89157 TR43273 TR83384 TR87802 TR89157 TR93844)</p>	CA Datacom/DB	Version 14.0	CA Datacom/DB	Version 15.0	CA Datacom/DB	Version 15.1
CA Datacom/DB	Version 14.0						
CA Datacom/DB	Version 15.0						
CA Datacom/DB	Version 15.1						

CA Datacom/AD 14.0
CA RS 1705 - PTF RO94558 Details

Service	Details
RO94558	<p>RO94558 M.C.S. ENTRIES = ++PTF (RO94558)</p> <p>CPU LOOP IN MUF REGION AFTER RO93427</p> <p>PROBLEM DESCRIPTION: DBUTLTY function ACCESS with option USER=WAIT can cause the CA Datacom/DB Multi-User Facility (MUF) to go into a loop when APAR RO93427 is applied.</p> <p>SYMPTOMS: MUF is looping.</p> <p>IMPACT: There is an outage, because MUF will need to be cancelled and restarted.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Version 14.0 Related Problem: DB 5253</p> <p>Copyright (C) 2017 CA. All rights reserved. R00969-DCM140-SP1</p> <p>DESC(CPU LOOP IN MUF REGION AFTER RO93427). ++VER (Z038) FMID (CABDE00) PRE (RO33807 RO35280 RO36773 RO61435 RO70564 RO71451 RO71530 RO71900 RO74874 RO76601 RO77961 RO80968 RO83237 RO85674 RO86331 RO87705 RO88275) SUP (RO34407 RO34743 RO36252 RO37317 RO40372 RO52218 RO73382 RO79710 RO93427 TR34407 TR34743 TR35452 TR36252 TR37317 TR40371 TR40372 TR52218 TR73382 TR79710 TR93223 TR93427 TR94558)</p>

CA Datacom/AD 14.0
CA RS 1705 - PTF RO94884 Details

Service	Details								
RO94884	<p>RO94884 M.C.S. ENTRIES = ++PTF (RO94884)</p> <p>MUF MEMORY HANG USING VIEWS</p> <p>PROBLEM DESCRIPTION: A copy of a view could be hung in Multi-User (MUF) memory when preparing queries.</p> <p>SYMPTOMS: SQL requests may receive SQLCODE -10, or other fatal errors can occur.</p> <p>IMPACT: The MUF must be restarted.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">CA Datacom SQL</td> <td style="text-align: right;">Release 14.0</td> </tr> <tr> <td>CA Datacom SQL</td> <td style="text-align: right;">Release 15.0</td> </tr> <tr> <td>CA Datacom SQL</td> <td style="text-align: right;">Release 15.1</td> </tr> <tr> <td>CA Datacom SQL</td> <td style="text-align: right;">Release 15.2</td> </tr> </table> <p>Related Problem: SQL 2085</p> <p>Copyright (C) 2017 CA. All rights reserved. R00971-DCM140-SP1</p> <p>DESC(MUF MEMORY HANG USING VIEWS). ++VER (Z038) FMID (CAVEE00) PRE (R034410 R040578 R041391 R042439 R050843 R051307 R053622 R054471 R056439 R065595 R072798 R075417 R078519 R080849 R082671 R084196 R084884) SUP (AR84196 BR80849 R035606 R059917 R081071 R085419 TR35606 TR59917 TR81071 TR85419 TR94884)</p>	CA Datacom SQL	Release 14.0	CA Datacom SQL	Release 15.0	CA Datacom SQL	Release 15.1	CA Datacom SQL	Release 15.2
CA Datacom SQL	Release 14.0								
CA Datacom SQL	Release 15.0								
CA Datacom SQL	Release 15.1								
CA Datacom SQL	Release 15.2								

CA Datacom/AD 14.0
CA RS 1705 - PTF RO95067 Details

Service	Details
RO95067	<p>RO95067 M.C.S. ENTRIES = ++PTF (RO95067)</p> <p>LOAD MULTUSE=YES PERFORMANCE</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>DBUTLTY LOAD with MULTUSE=YES may run more slowly than it did in 11.0. When this occurs, the LOAD will often show a STATUS in the CA Datacom/DB Multi-User Facility (MUF) of "WAIT REQ", waiting on Index Queue processing. This wait occurs by design and allows Index Queue processing to balance the index for optimal application performance during and after this process. Since this wait does not occur in Version 11.0, the LOAD may run faster, but results in a less balanced index with a negative impact on subsequent application performance.</p> <p>This PTF introduces a new MUF Startup and Console-Like option of "X_LOAD_NO_QUEUE_WAIT". It can be set to OFF or ON.</p> <p>The default for this new option is "OFF", i.e. index balancing during LOAD processing is in effect. Setting the option to "ON" facilitates faster execution of the LOAD process at the cost of a less balanced index. CA recommends not coding this option, but it is being made available in case a slower but more perfect LOAD is unacceptable.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom/DB Version 14.0 CA Datacom/DB Version 15.0 CA Datacom/DB Version 15.1</p> <p>Related Problem: DB 5265</p> <p>Copyright (C) 2017 CA. All rights reserved. R00972-DCM140-SP1</p> <p>DESC(LOAD MULTUSE=YES PERFORMANCE). ++VER (Z038) FMID (CABDE00) PRE (RO35280 RO36213 RO36773 RO37617 RO44821 RO47505 RO49884 RO56209 RO59522 RO61183 RO61435 RO62605 RO63454 RO66384 RO69509 RO70564 RO71451 RO71631 RO77275 RO77961 RO80968 RO83237 RO86045 RO87705 RO89459 RO90160 RO91613 RO92980) SUP (AR90160 RO32494 RO35564 RO43731 RO43822 RO49554 RO49898 RO50687 RO63961 RO64558 RO66186 RO71719 RO78642 RO80563 RO88790 RO91754 TR32494 TR35564 TR43731 TR43822 TR49554 TR49898 TR50687 TR63961 TR64558 TR66186 TR71719 TR78642 TR80563 TR88790 TR91754 TR95067)</p>

CA Datacom/AD 14.0
CA RS 1705 - PTF RO95588 Details

Service	Details						
RO95588	<p>RO95588 M.C.S. ENTRIES = ++PTF (RO95588)</p> <p>SQL INSTALLATION AS AN ADD ON</p> <p>ENHANCEMENT DESCRIPTION: Provide the installation and configuration jobs to activate the CA Datacom SQL Option into a CA Datacom/DB Multi-User Facility that does not already have SQL.</p> <p>PRODUCT(S) AFFECTED:</p> <table><tr><td>CA Datacom SQL</td><td>Release 14.0</td></tr><tr><td>CA Datacom SQL</td><td>Version 15.0</td></tr><tr><td>CA Datacom SQL</td><td>Release 15.1</td></tr></table> <p>Related Problem: SQL 2087</p> <p>Copyright (C) 2017 CA. All rights reserved. R00976-DCM140-SP1</p> <p>DESC(SQL INSTALLATION AS AN ADD ON). ++VER (Z038) FMID (CAVEE00) SUP (TR95588)</p>	CA Datacom SQL	Release 14.0	CA Datacom SQL	Version 15.0	CA Datacom SQL	Release 15.1
CA Datacom SQL	Release 14.0						
CA Datacom SQL	Version 15.0						
CA Datacom SQL	Release 15.1						

CA Datacom/AD 14.0
CA RS 1705 - PTF RO95622 Details

Service	Details
RO95622	<p>RO95622 M.C.S. ENTRIES = ++PTF (RO95622)</p> <p>CTS 5.4 DQ TRAN MUST HAVE TASKDATALOC(BELOW)</p> <p>PROBLEM DESCRIPTION: CICS Transaction Definition parameter TASKDATALOC defaults to ANY in CICS Transaction Server 5.4 and is only valid for transactions that invoke programs that are linked AMODE 31. DataQuery (DQ) transaction definitions were taking the default for TASKDATALOC, which was BELOW prior to CTS 5.4. Since DQ is linked AMODE 24, TASKDATALOC(BELOW) must be specified.</p> <p>SYMPTOMS: DQ transactions abend with CICS abend code AEZC.</p> <p>IMPACT: DQ transactions will not execute in CTS 5.4.</p> <p>CIRCUMVENTION: Use RDO ALTER for the DQ Transaction Definitions to change TASKDATALOC(ANY) to TASKDATALOC(BELOW).</p> <p>PRODUCT(S) AFFECTED: CA Dataquery for CA Datacom Version 14.0 CA Dataquery for CA Datacom Version 15.0 CA Dataquery for CA Datacom Version 15.1</p> <p>Related Problem: DQ 1082</p> <p>Copyright (C) 2017 CA. All rights reserved. R00977-DCM140-SP1</p> <p>DESC(CTS 5.4 DQ TRAN MUST HAVE TASKDATALOC(BELOW)). ++VER (Z038) FMID (CADQE00) SUP (TR95622) ++HOLD (RO95622) SYSTEM FMID(CADQE00) REASON (ACTION) DATE (17104) COMMENT (</p> <pre> +-----+ CA Dataquery for CA Datacom Release 14.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE change TASKDATALOC from ANY to BELOW for DQ transactions +-----+ USERS users executing DQ in CTS 5.4 AFFECTED +-----+ KNOWLEDGE CICS system administration REQUIRED +-----+ ACCESS CICS and Datacom CABDSAMPS data set REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** 1. Apply solution 2. Execute DFHCSDUP with updated DQCSD 3. Recycle CICS). </pre>

CA Datacom/AD 14.0
CA RS 1705 Product/Component Listing

Product Family	Product	Release
DATACOM	CA DATACOM	14.00.00
The CA RS 1705 Product/Component Count for this release is 1		

CA Datacom/AD 14.0
All CA RS Levels Service List

CA RS Level	Service	FMID	
CAR1705	R095622	CADQE00	
	R095588	CAVEE00	
	R095067	CABDE00	
	R094884	CAVEE00	
	R094558	CABDE00	
	R093844	CABDE00	
CAR1703	R094179	CABDE00	
	R092857	CAADE00	
CAR1702	R093705	CABDE00	
	R093634	CAVEE00	
CAR1701	R093427	CABDE00	
	R093363	CAADE00	
	R093326	CAADE00	
	R093253	CAVEE00	
	R093098	CABDE00	
	R092980	CABDE00	
CAR1612	R092818	CABDE00	
	R087560	CADQE00	
CAR1611	R092716	CAADE00	
	R092299	CABDE00	
	R092215	CABDE00	
	R092093	CABDE00	
	R091989	CABDE00	
	R091721	CABDE00	
	R091671	CABDE00	
	R091613	CABDE00	
	R091503	CABDE00	
	CAR1610	R092194	CAADE00
		R091816	CAVEE00
R091788		CAVEE00	
R091717		CABDE00	
R091588		CABDE00	
R091581		CAVEE00	
R091227		CAVEE00	
R091191		CABDE00	
CAR1609	R091754	CABDE00	
	R091218	CABDE00	
	R091175	CAADE00	
	R091153	CABDE00	
	R091020	CABDE00	
	R089701	CABDE00	
CAR1608	R090944	CABDE00	
	R090552	CABDE00	
	R090538	CABDE00	
	R090160	CABDE00	
	R089798	CABDE00	
CAR1607	R090630	CAADE00	
	R090578	CAADE00	
	R090419	CAADE00	
	R090135	CAADE00	
	R089502	CABDE00	
	R089461	CABDE00	
CAR1606	R083507	CABDE00	
	R090195	CAADE00	
	R090051	CAADE00	

CA Datacom/AD 14.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	RO90042	CAVEE00
	RO89919	CABDE00
	RO89534	CAVQE00
	RO89459	CABDE00
	RO89275	CAVEE00
	RO89157	CABDE00
	RO89081	CAVQE00
	RO88913	CADQE00
	RO87877	CABDE00
CAR1605	RO89558	CAVEE00
	RO89513	CAVEE00
	RO89483	CAVEE00
	RO89458	CABDE00
	RO89131	CABDE00
	RO88937	CABDE00
	RO88811	CABDE00
	RO88790	CABDE00
	RO88698	CAYTE02
	RO88461	CABDE00
	RO88280	CAADE00
	RO85169	CADQE00
CAR1604	RO88745	CABDE00
	RO88450	CABDE00
	RO88400	CABDE00
	RO88291	CABDE00
	RO88275	CABDE00
	RO87818	CABDE00
	RO87802	CABDE00
CAR1603	RO88239	CABDE00
	RO88188	CAVEE00
	RO88182	CAVEE00
	RO88009	CAADE00
	RO87810	CAADE00
	RO87793	CAYTE02
	RO87705	CABDE00
	RO87528	CAADE00
	RO87440	CABDE00
	RO87361	CABDE00
	RO87360	CABDE00
	RO86661	CAADE00
	RO86563	CAVEE00
	RO86482	CABDE00
CAR1602	RO87668	CAADE00
	RO87443	CABDE00
	RO87343	CAADE00
	RO87334	CABDE00
	RO87316	CABDE00
	RO87076	CAVEE00
	RO86865	CAVEE00
	RO85249	CAYTE00
CAR1601	RO87180	CAVEE00
	RO86922	CABDE00
	RO86553	CAADE00
	RO86416	CABDE00
	RO86368	CABDE00

CA Datacom/AD 14.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	R086331	CABDE00
	R086293	CABDE00
	R086079	CABDE00
	R086045	CABDE00
	R085996	CABDE00
	R085993	CABDE00
	R085702	CABDE00
	R083717	CAYTE00
CAR1512	R086173	CABDE00
	R086095	CABDE00
	R085761	CABDE00
	R085675	CABDE00
	R085674	CABDE00
	R085356	CABDE00
	R085320	CABDE00
CAR1511	R085898	CADQE00
	R085857	CAADE00
	R085776	CAVEE00
	R085712	CABDE00
	R085511	CABDE00
	R085419	CAVEE00
	R085329	CAADE00
	R085188	CAVEE00
	R085022	CABDE00
	R084924	CABDE00
	R084884	CAVEE00
	R084664	CAVEE00
	R084571	CAVEE00
	R084434	CABDE00
	R084405	CABDE00
	R084196	CAVEE00
	R082725	CAVEE00
CAR1510	R085099	CADQE00
	R084958	CAVEE00
	R084932	CAADE00
	R084920	CABDE00
	R084886	CAADE00
	R084883	CABDE00
	R084824	CABDE00
	R084700	CABDE00
	R084669	CAVEE00
	R084636	CAADE00
	R084417	CAVEE00
	R084321	CABDE00
	R084276	CABDE00
	R084236	CABDE00
	R083692	CABDE00
	R083601	CABDE00
	R083600	CAVEE00
	R083594	CABDE00
	R083554	CAADE00
	R083455	CABDE00
	R083237	CABDE00
	R082735	CAADE00
	R082364	CABDE00

CA Datacom/AD 14.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	RO81655	CABDE00
	RO79827	CABDE00
	RO58558	CADQE00
	RO47379	CAYTE02
	RO45595	CAYTE02
	RO45190	CAYTE02
	RO44504	CAYTE02
	RO43168	CAYTE02
	RO42697	CAYTE02
	RO42673	CAYTE02
	RO41066	CAYTE02
	RO40499	CAYTE02
CAR1509	RO83632	CAVQE00
	RO83545	CABDE00
	RO83522	CABDE00
	RO83447	CAADE00
	RO83384	CABDE00
	RO83362	CABDE00
	RO83351	CABDE00
	RO83281	CABDE00
	RO83133	CAVEE00
	RO83120	CABDE00
	RO82051	CABDE00
	RO82014	CABDE00
CAR1508	RO83131	CABDE00
	RO83109	CABDE00
	RO83103	CABDE00
	RO82918	CAVEE00
	RO82909	CAVEE00
	RO82828	CABDE00
	RO82671	CAVEE00
	RO82425	CABDE00
	RO81957	CAVEE00
	RO80868	CABDE00
CAR1507	RO82422	CAYTE02
	RO82218	CABDE00
	RO82154	CABDE00
	RO82026	CABDE00
	RO81965	CAVEE00
	RO81913	CAADE00
	RO81784	CAADE00
	RO81781	CAVEE00
	RO81761	CABDE00
	RO81739	CABDE00
	RO81733	CAVEE00
	RO81731	CABDE00
	RO81719	CAYTE02
	RO81718	CAYTE00
	RO81597	CABDE00
	RO81549	CAVEE00
	RO81381	CABDE00
	RO81158	CAVEE00
	RO80968	CABDE00
CAR1506	RO81380	CABDE00
	RO81071	CAVEE00

CA Datacom/AD 14.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	RO81069	CAVEE00
	RO80902	CABDE00
	RO80879	CABDE00
	RO80870	CAVEE00
	RO80849	CAVEE00
	RO80833	CAADE00
	RO80052	CABDE00
	RO79650	CABDE00
	RO79646	CABDE00
CAR1505	RO80645	CAVEE00
	RO80602	CAADE00
	RO80563	CABDE00
	RO80416	CAYTE00
	RO80414	CAVEE00
	RO80357	CAVEE00
	RO80292	CAVEE00
	RO80235	CABDE00
	RO80232	CABDE00
	RO80200	CAVQE00
	RO80177	CAVEE00
	RO80114	CABDE00
	RO80057	CABDE00
	RO80056	CABDE00
	RO79975	CAYTE00
	RO79964	CABDE00
	RO79867	CABDE00
	RO79732	CAVEE00
	RO79724	CABDE00
	RO79710	CABDE00
	RO79583	CABDE00
	RO79575	CAADE00
	RO79202	CABDE00
	RO78841	CAVQE00
	RO78808	CAVQE00
	RO77152	CAADE00
	RO74057	CAADE00
CAR1504	RO79819	CABDE00
	RO79621	CABDE00
	RO79366	CABDE00
	RO79356	CABDE00
	RO79210	CAVEE00
	RO79098	CABDE00
	RO79070	CABDE00
	RO79037	CAVEE00
	RO78996	CAVEE00
	RO78939	CAADE00
	RO78519	CAVEE00
	RO78418	CABDE00
	RO78394	CADQE00
	RO77874	CADQE00
	RO76273	CABDE00
	RO73725	CABDE00
	RO69931	CABDE00
	RO59932	CADQE00
CAR1503	RO78675	CAVEE00

CA Datacom/AD 14.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	RO78642	CABDE00
	RO78415	CABDE00
	RO78388	CAVEE00
	RO78363	CABDE00
	RO78362	CABDE00
	RO78336	CABDE00
	RO78319	CABDE00
	RO77888	CAYTE02
	RO77885	CAVEE00
	RO77851	CABDE00
	RO77604	CABDE00
	RO77577	CABDE00
	RO77031	CAVQE00
	RO76078	CAVEE00
	RO74442	CAVQE00
	RO54870	CAVEE00
CAR1502	RO77961	CABDE00
	RO77859	CABDE00
	RO77834	CAVEE00
	RO77776	CAYTE02
	RO77775	CAYTE00
	RO77727	CAAXE00
	RO77709	CABDE00
	RO77620	CAADE00
	RO77511	CABDE00
	RO77475	CABDE00
	RO77275	CABDE00
	RO77088	CAADE00
	RO76847	CAVEE00
	RO76683	CABDE00
	RO76352	CABDE00
	RO66690	CABDE00
CAR1501	RO76960	CAVEE00
	RO76897	CAADE00
	RO76874	CABDE00
	RO76763	CAADE00
	RO76750	CAAXE00
	RO76601	CABDE00
	RO76118	CABDE00
	RO76088	CABDE00
	RO76047	CABDE00
	RO76001	CABDE00
	RO75994	CAADE00
	RO75977	CABDE00
	RO75742	CABDE00
	RO75681	CAVEE00
	RO75286	CABDE00
	RO74946	CABDE00
	RO74451	CADQE00
CAR1412	RO75671	CAYTE00
	RO75648	CAADE00
	RO75570	CADQE00
	RO75417	CAVEE00
	RO75390	CAVEE00
	RO75149	CAAXE00

CA Datacom/AD 14.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	RO74352	CAADE00
	RO74319	CABDE00
	RO72828	CABDE00
	RO72599	CAVEE00
	RO71371	CABDE00
CAR1411	RO75132	CAVEE00
	RO75124	CABDE00
	RO74964	CABDE00
	RO74901	CAVEE00
	RO74874	CABDE00
	RO74873	CABDE00
	RO74695	CABDE00
	RO74627	CAVEE00
	RO74524	CAADE00
	RO74339	CABDE00
	RO74329	CABDE00
	RO74315	CAVQE00
	RO74117	CAVEE00
	RO74087	CAADE00
	RO73699	CAVEE00
	RO73693	CABDE00
	RO73388	CAYTE00
	RO72874	CAYTE00
	RO72710	CABDE00
	RO72612	CABDE00
	RO72534	CABDE00
	RO71719	CABDE00
	RO71631	CABDE00
	RO71372	CABDE00
	RO71060	CAVQE00
	RO63612	CADQE00
CAR1410	RO74116	CABDE00
	RO74093	CAADE00
	RO73639	CAADE00
	RO73382	CABDE00
	RO73353	CABDE00
	RO73310	CAADE00
	RO72798	CAVEE00
	RO72708	CABDE00
	RO72629	CABDE00
	RO72605	CAVQE00
	RO72583	CABDE00
	RO72444	CABDE00
	RO72082	CAVEE00
	RO71759	CABDE00
	RO71035	CAADE00
	RO70964	CABDE00
CAR1409	RO72443	CAVEE00
	RO71902	CAYTE02
	RO70208	CAADE00
	RO67690	CAADE00
	RO65981	CAADE00
	RO57031	CAADE00
CAR1408	RO72222	CAVEE00
	RO71987	CAVEE00

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CA RS Level	Service	FMID
	RO71900	CABDE00
	RO71886	CAVEE00
	RO71847	CAVEE00
	RO71677	CABDE00
	RO71676	CAADE00
	RO71634	CAVEE00
	RO71539	CAVEE00
	RO71530	CABDE00
	RO71463	CAYTE00
	RO71461	CABDE00
	RO71452	CAVEE00
	RO71451	CABDE00
	RO71415	CABDE00
	RO70862	CAVQE00
	RO69919	CAVQE00
	RO69853	CAAXE00
CAR1407	RO71273	CAVEE00
	RO71082	CAVQE00
	RO70910	CAVEE00
	RO70834	CAADE00
	RO70564	CABDE00
	RO70525	CABDE00
	RO70290	CABDE00
	RO70150	CABDE00
	RO66709	CAVQE00
CAR1406	RO70320	CAYTE00
	RO70262	CABDE00
	RO70082	CAVEE00
	RO69986	CAVEE00
	RO69920	CAVEE00
	RO69913	CABDE00
	RO69756	CAVEE00
	RO69712	CABDE00
	RO69509	CABDE00
	RO69437	CABDE00
	RO69132	CABDE00
	RO69039	CAVEE00
	RO69001	CAVEE00
	RO68826	CAADE00
	RO68551	CAVEE00
	RO68496	CABDE00
CAR1405	RO69707	CAYTE00
	RO69408	CAYTE00
	RO69384	CAYTE00
	RO69110	CAYTE00
	RO69078	CABDE00
	RO69023	CAVEE00
	RO68989	CABDE00
	RO68977	CABDE00
	RO68960	CABDE00
	RO68917	CABDE00
	RO68858	CABDE00
	RO68630	CAVEE00
	RO67694	CAYTE00
	RO67340	CABDE00

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CA RS Level	Service	FMID
	RO67063	CAVQE00
CAR1404	RO68868	CABDE00
	RO68670	CABDE00
	RO68659	CABDE00
	RO68500	CABDE00
	RO68362	CABDE00
	RO68211	CAADE00
	RO68109	CAYTE02
	RO68100	CABDE00
	RO67653	CAVEE00
	RO67544	CAADE00
	RO67387	CAYTE02
	RO67386	CAYTE00
	RO67021	CABDE00
	RO66748	CABDE00
	RO66671	CAVEE00
	RO66581	CAVEE00
	RO66384	CABDE00
	RO66356	CABDE00
	RO66186	CABDE00
	RO65989	CABDE00
	RO65978	CAAXE00
	RO65727	CAYTE00
	RO64955	CAVQE00
	RO64647	CAVQE00
	RO64092	CABDE00
	RO55109	CAADE00
CAR1403	RO65864	CAADE00
	RO65733	CABDE00
	RO65632	CAADE00
	RO65595	CAVEE00
	RO65555	CABDE00
	RO65436	CAADE00
	RO64787	CABDE00
	RO64558	CABDE00
	RO64338	CABDE00
	RO64299	CAYTE02
	RO64298	CAYTE00
	RO64065	CABDE00
	RO63961	CABDE00
	RO63772	CABDE00
	RO63722	CABDE00
	RO63572	CAVEE00
	RO63552	CABDE00
	RO63454	CABDE00
	RO63315	CABDE00
	RO63245	CAAXE00
	RO63093	CAVEE00
	RO63016	CAVQE00
	RO62980	CAYTE00
	RO62605	CABDE00
	RO62358	CAADE00
	RO61843	CABDE00
	RO61746	CAYTE02
	RO60369	CABDE00

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CA RS Level	Service	FMID
	RO59103	CAVQE00
	RO56349	CAVQE00
	RO56304	CAADE00
CAR1402	RO65059	CABDE00
	RO64423	CABDE00
CAR1312	RO63823	CABDE00
	RO63198	CAVEE00
	RO62856	CABDE00
	RO62803	CAVEE00
	RO62077	CABDE00
	RO62068	CABDE00
	RO61888	CABDE00
	RO61883	CABDE00
	RO61813	CAAXE00
	RO61435	CABDE00
	RO61396	CABDE00
	RO61183	CABDE00
	RO61182	CABDE00
	RO61155	CAVEE00
	RO61059	CABDE00
	RO61058	CAADE00
	RO60878	CAVEE00
	RO60672	CABDE00
	RO60528	CAVEE00
	RO60448	CABDE00
	RO60300	CAVEE00
	RO60293	CABDE00
	RO60149	CAYTE02
	RO58591	CAVEE00
	RO53769	CABDE00
	RO51282	CABDE00
CAR1309	RO62414	CABDE00
	RO62187	CAVEE00
	RO62062	CABDE00
	RO61240	CABDE00
	RO60815	CABDE00
	RO60761	CABDE00
	RO60574	CAADE00
	RO60365	CAVEE00
	RO60264	CABDE00
	RO60055	CABDE00
	RO60006	CAVEE00
	RO59961	CABDE00
	RO59917	CAVEE00
	RO59664	CABDE00
	RO59522	CABDE00
	RO59502	CABDE00
	RO59348	CABDE00
	RO59167	CAVEE00
	RO58791	CAVEE00
	RO58696	CAVEE00
	RO58557	CAVEE00
	RO58535	CAYTE02
	RO58531	CABDE00
	RO58151	CAVEE00

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CA RS Level	Service	FMID
	RO58012	CABDE00
	RO57771	CAYTE02
	RO57691	CAVEE00
	RO57269	CABDE00
	RO57039	CAVEE00
	RO56884	CAVEE00
	RO56818	CABDE00
	RO56798	CAYTE00
	RO55958	CABDE00
	RO55905	CAVEE00
	RO55842	CAVQE00
	RO55155	CAADE00
	RO54798	CABDE00
	RO54634	CAVEE00
	RO54284	CAVEE00
	RO53326	CAVQE00
	RO53071	CAVQE00
	RO52117	CABDE00
	RO50828	CABDE00
	RO50379	CADQE00
CAR1308	RO60177	CABDE00
	RO57425	CABDE00
CAR1307	RO59165	CABDE00
	RO56734	CABDE00
CAR1306	RO57846	CABDE00
	RO57092	CABDE00
	RO56152	CABDE00
	RO55939	CAYTE00
	RO55436	CABDE00
	RO55366	CABDE00
	RO55157	CAVEE00
	RO54956	CAADE00
	RO54856	CAYTE00
	RO54667	CAADE00
	RO54282	CABDE00
	RO54278	CABDE00
	RO54082	CAYTE00
	RO53997	CAAXE00
	RO53902	CABDE00
	RO53774	CABDE00
	RO53666	CABDE00
	RO53483	CABDE00
	RO53293	CAYTE00
	RO49924	CAADE00
	RO44706	CAADE00
CAR1305	RO57814	CAVEE00
	RO57549	CABDE00
	RO56904	CAVEE00
	RO56439	CAVEE00
	RO56209	CABDE00
	RO55548	CABDE00
	RO54630	CABDE00
	RO53693	CABDE00
	RO53265	CABDE00
	RO49483	CABDE00

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CA RS Level	Service	FMID
CAR1304	R055743	CAVEE00
	R055616	CAVEE00
	R055447	CAVEE00
	R054803	CAVEE00
CAR1303	R055254	CABDE00
	R054526	CAVEE00
	R053622	CAVEE00
	R053406	CABDE00
	R053163	CABDE00
	R053059	CABDE00
	R053018	CAVEE00
	R052943	CAYTE02
	R052942	CAYTE00
	R052568	CABDE00
	R052366	CABDE00
	R052353	CABDE00
	R052237	CABDE00
	R052218	CABDE00
	R052133	CABDE00
	R052123	CABDE00
	R051970	CABDE00
	R051925	CABDE00
	R051924	CABDE00
	R051877	CABDE00
	R051500	CABDE00
	R051381	CAADE00
	R051343	CABDE00
	R051338	CABDE00
	R051262	CAVEE00
	R051045	CAADE00
	R051036	CABDE00
	R050927	CABDE00
	R050637	CAADE00
	R050606	CAVEE00
	R050424	CAADE00
	R050264	CAADE00
	R048433	CABDE00
	R046829	CAADE00
	R044743	CAADE00
CAR1302	R054471	CAVEE00
	R051307	CAVEE00
	R050843	CAVEE00
CAR1212	R051838	CAVEE00
	R051807	CAVEE00
	R051470	CAYTE02
	R051469	CAYTE00
	R051022	CAADE00
	R050948	CAVEE00
	R050687	CABDE00
	R050426	CAVEE00
	R050288	CABDE00
	R050149	CABDE00
	R050071	CADQE00
	R049898	CABDE00
	R049884	CABDE00

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CA RS Level	Service	FMID
	RO49791	CABDE00
	RO49754	CABDE00
	RO49565	CAVEE00
	RO49554	CABDE00
	RO49535	CAVEE00
	RO49295	CAVEE00
	RO49064	CAVEE00
	RO48853	CAVEE00
	RO48831	CABDE00
	RO48812	CAADE00
	RO48786	CAVEE00
	RO48712	CABDE00
	RO48653	CABDE00
	RO48610	CABDE00
	RO48459	CABDE00
	RO48423	CAVEE00
	RO48349	CABDE00
	RO48241	CABDE00
	RO48225	CAYTE00
	RO48173	CABDE00
	RO48063	CABDE00
	RO48058	CABDE00
	RO48052	CAAXE00
	RO48009	CABDE00
	RO47844	CABDE00
	RO47843	CABDE00
	RO47621	CAVEE00
	RO47507	CABDE00
	RO47505	CABDE00
	RO47455	CAVEE00
	RO47240	CAVQE00
	RO47028	CAAXE00
	RO47005	CABDE00
	RO46759	CAYTE02
	RO46564	CAAXE00
	RO46449	CAVEE00
	RO45087	CAVEE00
	RO40718	CAYTE02
	RO37947	CAYTE02
	RO37945	CAYTE02
CAR1210	RO49305	CABDE00
	RO49221	CAVEE00
	RO48579	CAVEE00
	RO48293	CAVEE00
	RO48291	CABDE00
	RO47378	CAYTE00
	RO47029	CABDE00
	RO46999	CABDE00
	RO46955	CABDE00
	RO46811	CAYTE00
	RO46575	CABDE00
	RO46573	CAVQE00
	RO46364	CABDE00
	RO46161	CAVEE00
	RO46140	CAADE00

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CA RS Level	Service	FMID
	RO45962	CABDE00
	RO45733	CAYTE02
	RO45594	CAYTE00
	RO45503	CABDE00
	RO45305	CABDE00
	RO45189	CAYTE00
	RO45093	CAVEE00
	RO44975	CAYTE02
	RO44904	CABDE00
	RO44821	CABDE00
	RO44657	CABDE00
	RO44527	CAYTE02
	RO44503	CAYTE00
	RO44442	CAYTE02
	RO44308	CAVEE00
	RO44202	CABDE00
	RO44161	CAADE00
	RO44130	CABDE00
	RO44102	CAVEE00
	RO44080	CAVEE00
	RO43919	CABDE00
	RO43822	CABDE00
	RO43731	CABDE00
	RO43714	CAVEE00
	RO43573	CAVEE00
	RO43274	CABDE00
	RO42592	CAVEE00
	RO42588	CABDE00
	RO41669	CABDE00
CAR1207	RO43849	CABDE00
	RO43629	CAVEE00
	RO43602	CABDE00
	RO43495	CAVEE00
	RO43480	CAVEE00
	RO43385	CAVEE00
	RO43273	CABDE00
	RO43272	CABDE00
	RO43244	CAVEE00
	RO43180	CAVEE00
	RO43167	CAYTE00
	RO42891	CABDE00
	RO42834	CABDE00
	RO42708	CABDE00
	RO42696	CAYTE00
	RO42682	CABDE00
	RO42675	CAADE00
	RO42672	CAYTE00
	RO42639	CABDE00
	RO42624	CAVEE00
	RO42501	CAADE00
	RO42461	CAVEE00
	RO42439	CAVEE00
	RO42397	CABDE00
	RO42394	CAVEE00
	RO42391	CAVEE00

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CA RS Level	Service	FMID
	RO42352	CAVEE00
	RO42275	CAVEE00
	RO42036	CABDE00
	RO41837	CABDE00
	RO41808	CAADE00
	RO41801	CAADE00
	RO41794	CAVEE00
	RO41781	CAVEE00
	RO41680	CABDE00
	RO41655	CAVEE00
	RO41608	CAADE00
	RO41505	CABDE00
	RO41497	CAADE00
	RO41475	CAVEE00
	RO41406	CAVEE00
	RO41401	CAVEE00
	RO41391	CAVEE00
	RO41379	CABDE00
	RO41344	CAADE00
	RO41327	CAVEE00
	RO41209	CABDE00
	RO41200	CABDE00
	RO41191	CABDE00
	RO41086	CAVEE00
	RO41075	CAVEE00
	RO41065	CAYTE00
	RO41028	CABDE00
	RO41001	CAADE00
	RO40987	CABDE00
	RO40968	CABDE00
	RO40967	CAVEE00
	RO40889	CAVQE00
	RO40776	CAYTE00
	RO40623	CAVEE00
	RO40587	CABDE00
	RO40578	CAVEE00
	RO40459	CAYTE00
	RO40436	CABDE00
	RO40372	CABDE00
	RO38874	CABDE00
	RO38624	CABDE00
	RO36763	CAADE00
	RO36611	CAADE00
CAR1204	RO40296	CABDE00
	RO40265	CABDE00
	RO39105	CAVEE00
	RO38729	CABDE00
	RO38669	CABDE00
	RO38446	CABDE00
	RO38425	CABDE00
	RO38329	CABDE00
	RO38253	CAADE00
	RO38249	CAVEE00
	RO38225	CAVEE00
	RO38208	CAVEE00

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CA RS Level	Service	FMID
	RO38116	CABDE00
	RO37997	CABDE00
	RO37638	CAVQE00
	RO37617	CABDE00
	RO37304	CABDE00
	RO36799	CAVQE00
	RO35442	CAVQE00
CAR1201	RO33979	CAVQE00
	RO33862	CAYTE00
	RO32797	CAVQE00
	RO32745	CAYTE00
	RO32057	CAYTE00
	RO30550	CAVQE00