

CA IDMS 18.5
CA RS 2010 Service List

Service	Description	Type
S014587	JOURNAL RECORDS FOR KSDS STORE/ERASE INVALID	*HIP/PRP*
S014621	PREVENT CALLS TO EXIT 34 FOR IDMSSECS/U SUBSCHEMAS	PTF
S014656	RETRIEVAL READY OF QUIESCED AREA LOOPING	PTF
The CA RS 2010 service count for this release is 3		

CA IDMS
CA RS 2010 Service List for CAGJI50

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FMID	Service	Description	Type
CAGJI50	S014587	JOURNAL RECORDS FOR KSDS STORE/ERASE INVALID	*HIP/PRP*
	S014621	PREVENT CALLS TO EXIT 34 FOR IDMSSECS/U SUBSCHEMAS	PTF
	S014656	RETRIEVAL READY OF QUIESCED AREA LOOPING	PTF
The CA RS 2010 service count for this FMID is 3			

Service	Details				
SO14587	SO14587 M.C.S. ENTRIES = ++PTF (SO14587) JOURNAL RECORDS FOR KSDS STORE/ERASE INVALID PROBLEM DESCRIPTION: When storing or erasing a native VSAM KSDS record, the corresponding journal image will be invalid. The before image will be incorrect for an ERASE and the after image will be incorrect for a STORE. Before and after images for MODIFY verbs are correct. Instead of containing an image of the VSAM record, the journal record will contain residual data from the journal buffer. If the invalid image were to be used for recovery, the residual data could be stored into the VSAM file or an unrelated VSAM record could be updated depending on the content of the image. This PTF corrects the problem and valid images are now written in the before and after images for store and erase verbs. This PTF also prevents ESDS and RRDS images from spanning multiple journal blocks to address a possible recovery issue in warmstart and batch rollback or rollforward. This may result in an increased number of partial journal blocks written. If the journal buffer is not large enough to store a complete ESDS or RRDS image, update transactions will fail with a 3015 abend. The journal buffer size must be increased. This PTF also addresses a problem where CV startup loops or appears to hang when closing NVSAM files opened by warmstart. SYMPTOMS: The symptoms are unpredictable based on the content of the journal buffer when the BFOR or AFTR image was generated. Generally new invalid records are discovered in the KSDS file. For example when erasing a record and the journal image were binary zeros. If the run unit doing the erase failed and rolled back, instead of restoring the erased image, it would store the binary zero image, creating a new record with a key of binary zeros. The record would remain erased. If recovering a file by restoring and doing a roll forward, an invalid AFTR image would get stored, the correct image would not. However if there are later modifies to that record, the later images should get applied. The data is only lost if there were no later images. IMPACT: The KSDS file contains invalid data, which must be manually deleted. Some data may be lost or corrupted. CIRCUMVENTION: Nothing can fix the invalid data that has already been generated. KSDS VSAM files should be reviewed for accuracy. CV's that update KSDS VSAM files should be shutdown, their journals archived and formatted. Existing journal data can be used for analysis but should not be used for recovery if it contains invalid images for store or erase. PRODUCT(S) AFFECTED: <table> <tr> <td>CA IDMS Base Option</td><td>Version 18.5</td></tr> <tr> <td>CA IDMS Base Option</td><td>Version 19.0</td></tr> </table> Related Problem: IDMS 5643 Copyright (C) 2020 CA. All rights reserved. R00820-AGJ185-SP1 DESC(JOURNAL RECORDS FOR KSDS STORE/ERASE INVALID). ++VER (Z038)	CA IDMS Base Option	Version 18.5	CA IDMS Base Option	Version 19.0
CA IDMS Base Option	Version 18.5				
CA IDMS Base Option	Version 19.0				

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CA RS 2010 - PTF SO14587 Details

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Service	Details
	<pre> FMID (CAGJI50) PRE (R067058 R071145 R079397 R083439 R095056 S001799 S004650 S005898 S007093) SUP (AR59738 AS05154 PC62134 RI65898 R054971 R055219 R056735 R058646 R059460 R059738 R065899 R069791 R074754 R077240 R091054 R092090 R093740 R098058 R099896 SC62134 SI08918 S001150 S001777 S005154 S008093 S009121 S012417 S014656 ST00268 ST01150 ST01777 ST05154 ST08093 ST09121 ST12417 ST14587 ST14656 TR54971 TR55219 TR56735 TR58646 TR59460 TR59738 TR65899 TR69791 TR74754 TR77240 TR90439 TR91054 TR92090 TR93740 TR98058 TR98616 TR99896 WC62134) ++HOLD (SO14587) SYSTEM FMID(CAGJI50) REASON (ACTION) DATE (20247) COMMENT (+-----+ CA IDMS Base Option Release 18.5 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Start with fresh journals +-----+-----+ USERS AFFECTED All Native VSAM users that store or erase KSDS records +-----+-----+ KNOWLEDGE REQUIRED Journal utilities and DCMT commands +-----+-----+ ACCESS Ability to run Archive Journal REQUIRED Ability to shutdown CV +-----+-----+ ***** * STEPS TO PERFORM * ***** After installing this PTF: KSDS VSAM files should be reviewed for accuracy. CV's that update KSDS VSAM files should be shutdown, Their journals archived and formatted. Existing journal data can be used for analysis but should not be used for recovery if it contains invalid images for store or erase.).</pre>

Service	Details
SO14621	SO14621 M.C.S. ENTRIES = ++PTF (SO14621) PREVENT CALLS TO EXIT 34 FOR IDMSSECS/U SUBSCHEMAS PROBLEM DESCRIPTION: Exit 34, the Unqualified Dbkey Find/Obtain Exit, is provided to allow you to identify applications that may require modification when implementing Mixed Page Group Support. Exit 34 is not intended to be called for dictionary and catalog run units, however prior to this PTF, run units associated with the IDMSSECS and IDMSSECU subschemas were being passed to Exit 34 resulting in a UX34 ABEND. This PTF will prevent run units associated with these subschemas from calling Exit 34. SYMPTOMS: UX34 ABEND and the following message DB007000 V11 T3998 UNQUALIFIED FIND DBKEY ISSUED. PGM=IDMSDDL SSC=IDMSSECS SEQ=nnnnnnn IMPACT: Command fails with UX34 ABEND. CIRCUMVENTION: It is possible to circumvent this problem by updating the RHDCUX34 source (distributed in CAGJSRC) to add a check to see if the IDMSSECS subschema is being processed and to exit the module if so. Sample code is provided in RHDCUX34 to exclude specific subschemas from processing. PRODUCT(S) AFFECTED: CA IDMS Base Option Version 18.5 CA IDMS Base Option Version 19.0 Related Problem: IDMS 5638 Copyright (C) 2020 CA. All rights reserved. R00821-AGJ185-SP1 DESC(PREVENT CALLS TO EXIT 34 FOR IDMSSECS/U SUBSCHEMAS). ++VER (Z038) FMID (CAGJI50) PRE (R061262 R063736 R067058 R071145 R075775 R083439 R097167 S004372 S007093) SUP (R081264 R082240 R084694 R092370 S009043 S013191 ST09043 ST13191 ST14621 TR81264 TR82240 TR84694 TR91937 TR92370)

Service	Details
SO14656	SO14656 M.C.S. ENTRIES = ++PTF (SO14656) RETRIEVAL READY OF QUIESCED AREA LOOPING PROBLEM DESCRIPTION: When DCMT QUIESCE is used to quiesce an area. While the area is quiesced, retrieval run units attempting to lock the area will experience extra overhead before acquiring the area lock. The overhead ends when the area is no longer quiesced, or when an internal limit is reached, at which point the locks are granted and run unit proceeds normally. The overhead may cause tasks to queue up, waiting on an "ILE LOCK ECB", but they will eventually run. This slow down, may result in max tasks being reached. This condition is more likely to occur when the QUIESCE HOLD option is used and there is a lot of activity. Processing returns to normal when the Quiesce is terminated. This fix removes the overhead, allowing retrieval run units to acquire retrieval area locks normally. SYMPTOMS: Poor Performance. Run units backing up. Max tasks condition reached. DCMT D AC TA may show many tasks waiting an "ILE LOCK ECB". IMPACT: CV performs poorly until the quiesce ends CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA IDMS Base Option Version 19.0 CA IDMS Base Option Version 18.5 Related Problem: IDMS 5607 Copyright (C) 2020 CA. All rights reserved. R00822-AGJ185-SP1 DESC(RETRIEVAL READY OF QUIESCED AREA LOOPING) . ++VER (Z038) FMID (CAGJI50) PRE (R067058 R071145 R083439 R095056 S005898 S007093) SUP (AR59738 PC62134 RI65898 R055219 R058646 R059460 R059738 R065899 R074754 R077240 R093740 R099896 SC62134 S001150 S012417 ST00268 ST01150 ST12417 ST14656 TR55219 TR58646 TR59460 TR59738 TR65899 TR74754 TR77240 TR93740 TR98616 TR99896) MCS SO14587 STARTS ON PAGE 0002 MCS SO14621 STARTS ON PAGE 0004 MCS SO14656 STARTS ON PAGE 0005

CA IDMS 18.5
CA RS 2010 Product/Component Listing

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Product Family	Product	Release
Database	CA IDMS	18.05.00
The CA RS 2010 Product/Component Count for this release is 1		

CA IDMS 18.5
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR2010	S014656	CAGJI50
	S014621	CAGJI50
	S014587	CAGJI50
CAR2008	S013451	CAGJI50
	S012968	CAGJI50
	S008376	CAGJI50
CAR2006	S013191	CAGJI50
	S013021	CAGJI50
	S012951	CAGJI50
CAR2005	S012631	CAGJI50
	S012577	CAGJI50
	S012103	CAGJI50
	S011960	CAGJI50
	S009658	CAGJI50
CAR2004	S012417	CAGJI50
	S012416	CAGJI50
	S012205	CAGJI50
CAR2003	S011595	CAGJI50
	S010840	CAGJI50
	S010251	CAGJI50
	S008854	CAGJI50
CAR2002	S011689	CAGJI50
	S011377	CAGJI50
	S011162	CAGJI50
	S010517	CAGJI50
	S010037	CAGJI50
CAR2001	S009311	CAGJI50
CAR1912	S010359	CAGJI50
	S009525	CAGJI50
CAR1911	S010282	CAGJI50
	S009043	CAGJI50
CAR1910	S010062	CAGJI50
	S009379	CAGJI50
	S009316	CAGJI50
CAR1909	S009459	CAGJI50
	S008383	CAGJI50
CAR1908	S009121	CAGJI50
	S008686	CAGJI50
CAR1907	S008582	CAGJI50
	S008440	CAGJI50
	S006690	CAGJI50
CAR1906	S008153	CAGJI50
	S008093	CAGJI50
	S008060	CAGJI50
	S007722	CAGJI50
	S007706	CAGJI50
	S006743	CAGJI50

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CA RS Level	Service	FMID
	S005729	CAGJI50
CAR1904	S007449	CAGJI50
	S007111	CAGJI50
	S005931	CAGJI50
	S005714	CAGJI50
	S001799	CAGJI50
CAR1902	S007093	CAGJI50
	S006884	CAGJI50
	S006819	CAGJI50
	S006352	CAGJI50
CAR1811	S005898	CAGJI50
CAR1809	S005154	CAGJI50
	S004935	CAGJI50
	S004650	CAGJI50
	S004372	CAGJI50
	S000253	CAGJI50
	S000237	CAGJI50
CAR1807	S003824	CAGJI50
	S003748	CAGJI50
	S001777	CAGJI50
CAR1806	S001807	CAGJI50
	S001225	CAGJI50
	S001196	CAGJI50
	S000532	CAGJI50
CAR1805	S001420	CAGJI50
	S001208	CAGJI50
	S000678	CAGJI50
CAR1804	S001150	CAGJI50
	S000865	CAGJI50
	S000859	CAGJI50
	S000264	CAGJI50
	S000044	CAGJI50
	R099701	CAGJI50
	R098689	CAGJI50
CAR1803	S000535	CAGJI50
	S000193	CAGJI50
	S000171	CAGJI50
	S000146	CAGJI50
	S000012	CAGJI50
CAR1802	R099896	CAGJI50
	R099895	CAGJI50
	R099624	CAGJI50
	R099579	CAGJI50
	R099578	CAGJI50
	R099514	CAGJI50
CAR1801	R099604	CAGJI50
	R099381	CAGJI50

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CA RS Level	Service	FMID
	R098832	CAGJI50
	R098682	CAGJI50
	R098453	CAGJI50
	R098073	CAGJI50
CAR1712	R098981	CAGJI50
	R098704	CAGJI50
	R098626	CAGJI50
	R097951	CAGJI50
CAR1711	R098174	CAGJI50
	R098058	CAGJI50
	R097648	CAGJI50
	R097632	CAGJI50
	R097602	CAGJI50
	R097053	CAGJI50
CAR1710	R097167	CAGJI50
CAR1709	R097436	CAGJI50
	R097289	CAGJI50
	R097254	CAGJI50
	R097245	CAGJI50
	R097196	CAGJI51
	R097171	CAGJI50
	R096912	CAGJI50
	R096897	CAGJI50
	R096767	CAGJI50
	R096598	CAGJI50
CAR1708	R097147	CAGJI50
	R096755	CAGJI50
	R096340	CAGJI50
CAR1707	R096610	CAGJI50
	R096412	CAGJI50
	R096128	CAGJI50
	R095563	CAGJI50
CAR1706	R096305	CAGJI50
	R096096	CAGJI50
	R095869	CAGJI50
	R095295	CAGJI50
CAR1705	R095662	CAGJI50
	R095410	CAGJI50
	R095377	CAGJI50
	R095315	CAGJI50
	R095310	CAGJI50
	R095240	CAGJI50
	R095213	CAGJI50
	R095152	CAGJI50
	R095020	CAGJI50
	R091258	CAGJI50
CAR1704	R095056	CAGJI50

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CA RS Level	Service	FMID
	R094979	CAGJI50
	R094693	CAGJI50
	R094635	CAGJI50
CAR1703	R094542	CAGJI50
	R094475	CAGJI50
	R094433	CAGJI50
	R094239	CAGJI50
	R094195	CAGJI50
	R094065	CAGJI50
	R093924	CAGJI50
	R093798	CAGJI50
CAR1702	R094165	CAGJI50
	R093923	CAGJI51
	R093883	CAGJI50
	R093847	CAGJI50
	R093799	CAGJI50
	R093740	CAGJI50
	R093451	CAGJI50
	R093390	CAGJI51
	R093348	CAGJI50
CAR1701	R093499	CAGJI50
	R093423	CAGJI50
	R093401	CAGJI50
	R093356	CAGJI50
CAR1612	R093232	CAGJI50
	R093100	CAGJI50
	R092928	CAGJI50
	R092909	CAGJI50
	R092784	CAGJI50
	R092670	CAGJI50
	R092574	CAGJI50
	R092453	CAGJI50
	R092200	CAGJI50
	R090716	CAGJI50
	R090584	CAGJI50
CAR1611	R092669	CAGJI50
	R092546	CAGJI50
	R092370	CAGJI50
	R092175	CAGJI50
	R092174	CAGJI50
	R092136	CAGJI50
	R092090	CAGJI50
	R092070	CAGJI50
	R091905	CAGJI50
	R091860	CAGJI50
	R091453	CAGJI50
	R091329	CAGJI50

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CA RS Level	Service	FMID
	R091257	CAGJI50
	R090658	CAGJI50
CAR1610	R091871	CAGJI50
	R091821	CAGJI50
CAR1609	R091327	CAGJI50
	R091277	CAGJI50
	R091252	CAGJI50
	R091245	CAGJI50
	R091090	CAGJI50
	R091054	CAGJI50
	R090862	CAGJI50
CAR1608	R090929	CAGJI50
CAR1607	R090674	CAGJI50
	R090597	CAGJI50
	R090418	CAGJI50
	R090316	CAGJI50
	R089943	CAGJI50
	R089429	CAGJI51
	R089169	CAGJI50
	R087502	CAGJI50
	R073457	CAGJI50
CAR1606	R089964	CAGJI50
	R089706	CAGJI50
	R089690	CAGJI50
	R089482	CAGJI50
	R088667	CAGJI50
CAR1605	R089327	CAGJI50
	R089138	CAGJI50
	R088341	CAGJI50
	R087093	CAGJI50
CAR1604	R089133	CAGJI50
	R088805	CAGJI50
	R088713	CAGJI50
	R088604	CAGJI50
	R088595	CAGJI51
	R088367	CAGJI50
	R088079	CAGJI50
	R087712	CAGJI50
	R087540	CAGJI51
CAR1603	R088439	CAGJI50
	R088116	CAGJI50
	R087756	CAGJI50
	R087724	CAGJI50
	R087700	CAGJI50
	R087687	CAGJI50
	R081070	CAGJI50
CAR1602	R087581	CAGJI50

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	R087345	CAGJI50
	R087261	CAGJI50
	R087001	CAGJI50
	R086613	CAGJI50
	R085966	CAGJI50
CAR1601	R086973	CAGJI51
	R086578	CAGJI50
	R086486	CAGJI50
	R086296	CAGJI50
	R084933	CAGJI50
CAR1512	R086433	CAGJI50
	R086301	CAGJI50
	R085862	CAGJI51
	R085602	CAGJI50
CAR1511	R085797	CAGJI50
	R085198	CAGJI50
	R084789	CAGJI50
	R084190	CAGJI50
	R084166	CAGJI50
	R083727	CAGJI50
	R083472	CAGJI50
	R083422	CAGJI51
CAR1510	R084752	CAGJI50
	R084694	CAGJI50
	R084551	CAGJI50
	R084379	CAGJI50
	R084360	CAGJI50
	R084342	CAGJI50
	R084317	CAGJI50
	R084298	CAGJI50
	R084181	CAGJI50
	R084009	CAGJI50
	R083828	CAGJI50
	R083744	CAGJI50
	R083500	CAGJI50
	R083107	CAGJI50
	R082391	CAGJI51
	R082390	CAGJI50
CAR1509	R084113	CAGJI50
	R083845	CAGJI50
	R083719	CAGJI50
	R083716	CAGJI50
	R083677	CAGJI50
	R083666	CAGJI50
	R083574	CAGJI50
	R083553	CAGJI50
	R083439	CAGJI50

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CA RS Level	Service	FMID
	R083386	CAGJI50
	R083078	CAGJI50
	R082958	CAGJI50
	R082934	CAGJI50
	R082875	CAGJI50
	R082643	CAGJI50
	R082616	CAGJI50
	R081654	CAGJI50
CAR1508	R083244	CAGJI50
	R083203	CAGJI50
	R083094	CAGJI50
	R083064	CAGJI50
	R082684	CAGJI50
	R082448	CAGJI50
	R081723	CAGJI50
CAR1507	R082240	CAGJI50
	R082070	CAGJI50
	R081915	CAGJI50
	R081909	CAGJI50
	R081779	CAGJI51
	R081361	CAGJI50
	R081264	CAGJI50
	R080086	CAGJI50
	R073563	CAGJI50
CAR1506	R081190	CAGJI50
	R081065	CAGJI50
	R080831	CAGJI50
	R080772	CAGJI50
	R080769	CAGJI50
	R080692	CAGJI50
	R080543	CAGJI50
	R080410	CAGJI50
	R080360	CAGJI50
	R080165	CAGJI50
	R079740	CAGJI50
	R079669	CAGJI50
CAR1505	R080338	CAGJI50
	R080079	CAGJI50
	R080078	CAGJI50
	R080060	CAGJI50
	R080032	CAGJI50
	R079995	CAGJI50
	R079397	CAGJI50
	R077254	CAGJI50
CAR1504	R079245	CAGJI50
	R079177	CAGJI50
	R079041	CAGJI50

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	R079013	CAGJI50
	R078943	CAGJI50
	R078930	CAGJI50
	R078893	CAGJI50
	R078809	CAGJI50
	R078806	CAGJI50
	R078788	CAGJI50
	R078728	CAGJI50
	R078691	CAGJI50
	R078632	CAGJI50
	R078383	CAGJI50
	R076935	CAGJI50
CAR1503	R078720	CAGJI50
	R078485	CAGJI50
	R078205	CAGJI50
	R078126	CAGJI50
	R078004	CAGJI50
	R078002	CAGJI50
	R077884	CAGJI50
	R077869	CAGJI50
	R077811	CAGJI50
	R077209	CAGJI50
	R077050	CAGJI50
	R076854	CAGJI50
CAR1502	R077789	CAGJI50
	R077614	CAGJI50
	R077608	CAGJI50
	R077498	CAGJI50
	R077308	CAGJI50
	R077263	CAGJI50
	R077262	CAGJI50
	R077240	CAGJI50
	R077235	CAGJI50
	R077055	CAGJI50
	R076941	CAGJI50
	R076318	CAGJI50
	R075615	CAGJI50
	R075543	CAGJI50
	R074928	CAGJI50
	R074354	CAGJI50
	R070628	CAGJI50
CAR1501	R076816	CAGJI50
	R076501	CAGJI50
	R076347	CAGJI50
	R075974	CAGJI50
	R075971	CAGJI50
	R075521	CAGJI50

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	R074865	CAGJI50
	R074663	CAGJI50
	R074647	CAGJI50
	R073561	CAGJI50
	R072670	CAGJI50
CAR1412	R076051	CAGJI50
	R075850	CAGJI50
	R075794	CAGJI50
	R075775	CAGJI50
	R074877	CAGJI50
	R074754	CAGJI50
	R074474	CAGJI50
	R073921	CAGJI50
	R073527	CAGJI51
CAR1411	R075092	CAGJI50
	R074943	CAGJI50
	R074854	CAGJI50
	R074827	CAGJI50
	R074684	CAGJI50
	R074586	CAGJI50
	R074569	CAGJI50
	R074237	CAGJI50
	R074210	CAGJI50
	R074131	CAGJI50
	R074051	CAGJI50
	R073975	CAGJI50
	R073961	CAGJI50
	R073946	CAGJI50
	R073831	CAGJI50
	R073810	CAGJI50
	R073630	CAGJI50
	R073076	CAGJI50
	R072592	CAGJI50
	R072392	CAGJI50
CAR1410	R073447	CAGJI50
	R073359	CAGJI50
	R073338	CAGJI50
	R073299	CAGJI50
	R073242	CAGJI50
	R073010	CAGJI50
	R072736	CAGJI50
	R072652	CAGJI50
	R072650	CAGJI50
	R072349	CAGJI50
	R072145	CAGJI50
	R071746	CAGJI50
	R071526	CAGJI50

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CA RS Level	Service	FMID
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	R070507	CAGJI50
	R070461	CAGJI50
CAR1409	R071898	CAGJI50
	R071789	CAGJI50
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	R070712	CAGJI50
CAR1408	R071843	CAGJI50
	R071626	CAGJI50
	R071590	CAGJI50
	R071558	CAGJI50
	R071202	CAGJI50
	R071183	CAGJI50
	R071147	CAGJI55
	R071146	CAGJI51
	R071145	CAGJI50
	R071012	CAGJI50
	R070788	CAGJI50
	R070476	CAGJI50
	R070400	CAGJI50
	R070179	CAGJI50
	R070141	CAGJI50
CAR1406	R069889	CAGJI50
	R069861	CAGJI50
	R069801	CAGJI50
	R069798	CAGJI50
	R069791	CAGJI50
	R069778	CAGJI50
	R069775	CAGJI50
	R069750	CAGJI50
	R069698	CAGJI50
	R069691	CAGJI50
	R069661	CAGJI50
	R069659	CAGJI50
	R069290	CAGJI50
	R069145	CAGJI50
	R069042	CAGJI50
	R069000	CAGJI50
	R068821	CAGJI50
	R068793	CAGJI50
	R068756	CAGJI50
	R067058	CAGJI50
	R066749	CAGJI50
CAR1405	R069186	CAGJI50
	R069112	CAGJI50
	R069066	CAGJI50
	R069040	CAGJI50

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CA RS Level	Service	FMID
	R068988	CAGJI50
	R068913	CAGJI50
	R068886	CAGJI50
	R068755	CAGJI50
	R068724	CAGJI50
	R068715	CAGJI50
	R068501	CAGJI50
	R068190	CAGJI50
	R068187	CAGJI50
	R067983	CAGJI50
	R067946	CAGJI50
	R067793	CAGJI50
	R067787	CAGJI50
	R067699	CAGJI50
	R067685	CAGJI50
	R067602	CAGJI50
	R067522	CAGJI50
	R067451	CAGJI50
	R067394	CAGJI50
	R067060	CAGJI50
	R066986	CAGJI50
	R066206	CAGJI50
CAR1404	R067062	CAGJI50
	R066923	CAGJI50
	R066868	CAGJI50
	R066751	CAGJI50
	R066675	CAGJI50
	R066647	CAGJI50
	R066643	CAGJI50
	R066624	CAGJI50
	R066573	CAGJI50
	R066488	CAGJI50
	R066435	CAGJI50
	R066405	CAGJI50
	R066250	CAGJI50
	R066161	CAGJI50
	R065995	CAGJI50
	R065857	CAGJI50
	R061681	CAGJI50
CAR1403	R066820	CAGJI50
	R066079	CAGJI50
	R065749	CAGJI50
	R065703	CAGJI50
	R065694	CAGJI50
	R065675	CAGJI50
	R065661	CAGJI50
	R065395	CAGJI50

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CA RS Level	Service	FMID
	R065391	CAGJI50
	R065370	CAGJI50
	R065335	CAGJI50
	R065261	CAGJI50
	R065212	CAGJI50
	R065078	CAGJI50
	R064930	CAGJI50
	R064833	CAGJI50
	R064631	CAGJI50
	R064548	CAGJI50
	R064504	CAGJI50
	R064250	CAGJI50
	R064127	CAGJI50
	R063946	CAGJI50
	R063913	CAGJI50
	R063817	CAGJI50
	R063736	CAGJI50
	R063312	CAGJI50
CAR1402	R066439	CAGJI50
	R065899	CAGJI50
	R065801	CAGJI50
	R065562	CAGJI50
	R063133	CAGJI50
CAR1312	R062729	CAGJI50
	R062475	CAGJI51
	R062469	CAGJI50
	R062402	CAGJI50
	R062287	CAGJI50
	R062152	CAGJI50
	R062082	CAGJI50
	R061933	CAGJI50
	R061887	CAGJI50
	R061481	CAGJI50
	R061472	CAGJI50
	R061384	CAGJI50
	R061262	CAGJI50
	R061091	CAGJI50
	R060928	CAGJI50
	R060848	CAGJI50
	R060740	CAGJI50
	R060692	CAGJI50
	R060310	CAGJI50
	R060263	CAGJI50
	R060143	CAGJI51
	R060142	CAGJI50
	R060139	CAGJI50
	R060131	CAGJI50

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CA RS Level	Service	FMID
	R060098	CAGJI50
	R060033	CAGJI50
	R059972	CAGJI50
	R059834	CAGJI50
	R059824	CAGJI50
	R059739	CAGJI51
	R059738	CAGJI50
	R059732	CAGJI50
	R059656	CAGJI50
	R059591	CAGJI50
	R059539	CAGJI50
	R059398	CAGJI50
	R059387	CAGJI50
CAR1310	R062132	CAGJI50
	R060751	CAGJI50
	R060748	CAGJI50
CAR1309	R060833	CAGJI50
	R059870	CAGJI50
	R059841	CAGJI50
	R059568	CAGJI50
	R059460	CAGJI50
	R059386	CAGJI50
	R059339	CAGJI50