

SYSVIEW Performance Management 16.0
CA RS 2204 Service List

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Service	Description	Type
LU05001	NO MESSAGE PRODUCED WHEN OUTPUT/INPUT FIELDS CHANGED	PTF
LU05026	CICS TRANRATE METRIC VALUES INCORRECT W/LU03433	** PRP **
LU05067	SMF TYPE 100/101 DB2 RECORDS NOT FORMATTED	** PRP **
LU05097	ABEND U2999-305 MISC ERRORS ACCESSING MEMBERS W/LU03781	** PRP **
LU05123	IRLMLOCK, IMSLOCKS INCORRECTLY SHOW GLOBAL LOCK CONTENTION	PTF
LU05136	LISTCONS INPUT FIELD CHANGES NOT AUDITED	PTF
LU05154	ABEND SOC4-04 GSVPTRCE ORPH\$\$ ISSUING IMSTRACE	PTF
LU05263	IMS TRANSACTION RECORDS ESS, DB, MSG MAXTIME INCORRECT	PTF
The CA RS 2204 service count for this release is 8		

SYSVIEW Performance Management
CA RS 2204 Service List for CNM4G00

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FMID	Service	Description	Type
CNM4G00	LU05001	NO MESSAGE PRODUCED WHEN OUTPUT/INPUT FIELDS CHANGED	PTF
	LU05026	CICS TRANRATE METRIC VALUES INCORRECT W/LU03433	** PRP **
	LU05067	SMF TYPE 100/101 DB2 RECORDS NOT FORMATTED	** PRP **
	LU05097	ABEND U2999-305 MISC ERRORS ACCESSING MEMBERS W/LU03781	** PRP **
	LU05123	IRLMLOCK, IMSLOCKS INCORRECTLY SHOW GLOBAL LOCK CONTENTION	PTF
	LU05136	LISTCONS INPUT FIELD CHANGES NOT AUDITED	PTF
	LU05154	ABEND SOC4-04 GSVPTRCE ORPH\$\$ ISSUING IMSTRACE	PTF
	LU05263	IMS TRANSACTION RECORDS ESS, DB, MSG MAXTIME INCORRECT	PTF
The CA RS 2204 service count for this FMID is 8			

Service	Details
LU05001	LU05001 M.C.S. ENTRIES = ++PTF (LU05001) NO MESSAGE PRODUCED WHEN OUTPUT/INPUT FIELDS CHANGED PROBLEM DESCRIPTION: Setting the value of AM in the SYSVIEW security Jobnames Section does not produce messages for Alter input and Alter output. SYMPTOMS: Updating security to issue messages when input or output fields values are altered for a job will not produce a message similar to the following. GSVX015I userid entered the alter command for job jjjjjjjj This problem is seen with the following commands: JHELDQUE JJOBQUE JOBSUM JOUTQUE LISTFILE LISTINP IMPACT: No message produced when input or output is altered. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 16.0 Related Problem: SYSVW 16340 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00287-NM4160 DESC(NO MESSAGE PRODUCED WHEN OUTPUT/INPUT FIELDS CHANGED) . ++VER (Z038) FMID (CNM4G00) PRE (LU02191 LU03135 S009059 S009589 S010316 S011028 S011875 S013538 S013927 S014533) SUP (LT05001)

Service	Details
LU05026	LU05026 M.C.S. ENTRIES = ++PTF (LU05026) CICS TRANRATE METRIC VALUES INCORRECT W/LU03433 PROBLEM DESCRIPTION: With PTF LU03433 applied, the value for CICS data collection metric TRANRATE is being calculated incorrectly. SYMPTOMS: The TRANRATE metric value is incorrect; it is many times larger than what it should be. IMPACT: TRANRATE metric value is incorrect and may trigger false alerts. CIRCUMVENTION: SMP/E RESTORE PTF LU03433 PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 16.0 Related Problem: SYSVW 16427 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00288-NM4160 DESC(CICS TRANRATE METRIC VALUES INCORRECT W/LU03433) . ++VER (Z038) FMID (CNM4G00) PRE (LU00595 LU00894 LU01511 LU02000 LU03135 LU03433 LU04206 S009059 S009589 S010316 S011875 S012816 S013538 S013751 S014533 S016292) SUP (AL03433 LT05026) ++HOLD (LU05026) SYSTEM FMID(CNM4G00) REASON (RESTART) DATE (22068) COMMENT (SYSVIEW Performance Management Version 16.0 SEQUENCE After Apply PURPOSE To implement the fix USERS All users of SYSVIEW for CICS AFFECTED KNOWLEDGE Product Administration REQUIRED ACCESS Product libraries REQUIRED Ability to run SYSVIEW for CICS transactions ***** * STEPS TO PERFORM * ***** Apply this fix and either recycle any monitored CICS regions, or use the GSVT (terminate) and GSVS (start) transactions to recycle SYSVIEW for CICS within each CICS region.).

Service	Details
LU05067	LU05067 M.C.S. ENTRIES = ++PTF (LU05067) SMF TYPE 100/101 DB2 RECORDS NOT FORMATTED PROBLEM DESCRIPTION: SYSVIEW provides record formatters for SMF record types 100 and 101. There is an error in these record formatters that could cause the formatter to display no data. SYMPTOMS: When invoking SYSVIEW record formatters for SMF record types 100 and 101, the resulting SMFRPT display only shows the table of contents and no other data from the record. When viewing SMF 100 and 101 records on the SMFLOG command, the Resource field is blank. IMPACT: Unable to format SMF record types 100 and 101. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 16.0 Related Problem: SYSVW 16478 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00289-NM4160 DESC(SMF TYPE 100/101 DB2 RECORDS NOT FORMATTED). ++VER (Z038) FMID (CNM4G00) PRE (LU03135 LU04570) SUP (AL04570 LT05067)

Service	Details
LU05097	LU05097 M.C.S. ENTRIES = ++PTF (LU05097) ABEND U2999-305 MISC ERRORS ACCESSING MEMBERS W/LU03781 PROBLEM DESCRIPTION: Miscellaneous errors received accessing data set members associated to SYSVIEW. The root problem is related to an invalid check for return codes while attempting to load a SYSVIEW data set member which has failed for various reasons. SYMPTOMS: Abends and erroneous processing may be encountered. Typically the following abend is received while obtaining a member from parmlib. GSVX451E Abend U2999-305 in IMSMON command GSVX472I Userid ??????? Terminal A01TE008 Interface VTAM GSVX457I Psw 078C1000 BBB4CC48 Ilc 2 Intc 0D GSVX477I Key 8 State SUP Am 31 Asc PRI GSVX458I Module GSVXNUC Addr 3B617000 Offset 00535C48 GSVX458I NucMod GSVXSTGR Addr 3BB4A770 Offset 000024D8 GSVX450I FixLvl LU02534 GSVX473I Routne FREE\$\$ Addr 3BB4C6F8 Offset 00000550 GSVX459I Data at PSW addr 3BB4CC42 GSVX460I 022418F5 0A0D5820 BFFC5830 GSVX455I General registers at entry to abend GSVX467I R0-R1 00000000_000001D0 00000000_04000BB7 GSVX467I R2-R3 00000000_00000000 00000000_BB88A570 GSVX467I R4-R5 00000000_3B88A1F0 00000000_00000305 GSVX467I R6-R7 00000000_00000000 00000000_3F748850 GSVX467I R8-R9 00000000_3E0E4F40 00000000_3E216000 GSVX467I R10-R11 00000000_3BB4F500 00000000_3E2EF000 GSVX467I R12-R13 00000000_3BB4C6F8 00000000_3E304EB8 GSVX467I R14-R15 00000000_3E304EB8 00000000_00000305 GSVX475I Access registers at entry to abend GSVX461I AR0-AR3 00000000 00000000 00000000 00000000 GSVX461I AR4-AR7 00000000 00000000 00000000 00000000 GSVX461I AR8-AR11 00000000 00000000 00000000 00000000 GSVX461I AR12-AR15 00000000 00000000 00000000 00000000 GSVX462I End of symptom dump GSVX950I SVCDUMP requested GSVX458I Module GSVXNUC Addr 3B617000 Offset 00535C48 GSVX458I NucMod GSVXSTGR Addr 3BB4A770 Offset 000024D8 GSVX450I FixLvl LU02534 GSVX473I Routne FREE\$\$ Addr 3BB4C6F8 Offset 00000550 GSVX954I Issuing SDUMPX to capture SVC dump GSVX953E SDUMPX failed, dump suppressed by DAE In the case above a S913 security violation was first received and no dump was produced, however, on return from the violation a dump is produced due to member not being loaded. IMPACT: Missed error handling when obtaining a parmlib member as well as session termination due to abend. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Related Problem:

Service	Details
	SYSVW 16492 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00291-NM4160 DESC (ABEND U2999-305 MISC ERRORS ACCESSING MEMBERS W/LU03781) . ++VER (Z038) FMID (CNM4G00) PRE (LU00527 LU00849 LU02875 LU02954 LU03135 LU03153 LU03359 LU03781 LU04281 S008895 S009059 S010098 S011642 S013240 S014533 S015210 S015518 S016292) SUP (AL03781 AS15518 LT04404 LT05097 LU04404)

Service	Details
LU05123	LU05123 M.C.S. ENTRIES = ++PTF (LU05123) IRLMLOCK, IMSLOCKS INCORRECTLY SHOW GLOBAL LOCK CONTENTION PROBLEM DESCRIPTION: Internal Resource Lock Manager (IRLM) global locks were incorrectly being identified as having global contention when there was no global contention present for the resource. Additionally, an intermittent SOC4 abend may occur when issuing the IRLMLOCK command. SYMPTOMS: 1. On the IRLMLOCK display, the GblCont field incorrectly indicated global contention for both IMS and DB2 resources. 2. The IMSLOCKS display would show global lock owners, but there were no associated waiters. 3. Fields IMSPSB, IMSTran, IMSStatus, and IMSState on the IRLMLOCK display may have incorrect data. The fields were incorrectly being populated with the prior row's data. 4. Thresholds defined for variable IMLKWAIT (IMS IRLM lock waits) may generate false alerts for global lock owners that are not in contention. 5. Abend SOC4-04 in module GSVKIRLL, routine ASCB\$\$ when issuing the IRLMLOCK command. GSVX451E Abend SOC4-04 in IRLMLOCK command GSVX472I Userid userid Terminal terminal Interface interface GSVX457I Psw 078C2000 C2EAB398 Ilc 6 Intc 04 GSVX477I Key 8 State SUP Am 31 Asc PRI GSVX458I Module GSVKIRLL Addr 42EA9000 Offset 00002398 GSVX450I FixLvl LU00527 GSVX473I Routne ASCB\$\$ Addr 42EAB348 Offset 00000050 GSVX459I Data at PSW addr 42EAB392 GSVX460I D20198E0 10244110 BA18D71F GSVX455I General registers at entry to abend GSVX467I R0-R1 00000000_00000001 00000000_00EABB80 GSVX467I R2-R3 00000000_42EE8060 00000000_00000000 GSVX467I R4-R5 00000000_42EA9000 00000000_0000004F GSVX467I R6-R7 00000000_42D9BED0 00000000_42D9BED0 GSVX467I R8-R9 00000000_42B96B30 00000000_42EE72D0 GSVX467I R10-R11 00000000_42EAC988 00000000_41C05000 GSVX467I R12-R13 00000000_42EAB348 00000000_42EE42C0 GSVX467I R14-R15 00000000_42EE41F8 00000000_42EAB348 IMPACT: Incorrect data on the IRLMLOCK and IMSLOCKS displays. False alerts for IMS lock waits. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 Related Problem: SYSVW 16504 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00292-NM4160 DESC(IRLMLOCK, IMSLOCKS INCORRECTLY SHOW GLOBAL LOCK CONTENTION). ++VER (Z038)

Service	Details
	FMID (CNM4G00) PRE (LU00527 LU03135) SUP (LT05123)

Service	Details								
LU05136	LU05136 M.C.S. ENTRIES = ++PTF (LU05136) LISTCONS INPUT FIELD CHANGES NOT AUDITED PROBLEM DESCRIPTION: The LISTCONS command does security checks against the CONSOLE security resource for each console to determine if any of the modifiable fields should be displayed as input fields. However, if an input field is modified no security processing is done to issue a message if necessary, nor is a record created for Audit event SECURITY_RESOURCE. SYMPTOMS: In the reported case the following definition existed in the CONSOLE security resource in a User group: <table> <tr> <td>Resource-Value</td><td>Access Actions</td></tr> <tr> <td>=</td><td>AM ALTER</td></tr> </table> The M setting under Access says to issue a message when a console is modified/referenced. When a user modified any input field on the LISTCONS command display a WTO similar to the following should have been issued but was not: GSVX040I userid altered CONSOLE xxxxxxxx Additionally, some messages that were being issued for the M setting were not properly substituting in relevant actions as shown below, although the corresponding SECURITY_RESOURCE audit record did show the correct action: GSVX040I userid Unknown resname resvalue GSVX500I userid was denied the ??? command for resname resvalue IMPACT: No external indication that a console was modified. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>SYSVIEW Performance Management</td><td>Version 15.0</td></tr> <tr> <td>SYSVIEW Performance Management</td><td>Version 16.0</td></tr> </table> Related Problem: SYSVW 16508 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00293-NM4160 DESC(LISTCONS INPUT FIELD CHANGES NOT AUDITED). ++VER (Z038) FMID (CNM4G00) PRE (LU00951 LU02191 LU02875 LU03050 LU03135 LU03153 LU03805 S009632 S010098 S010197 S010316 S010421 S011028 S011875 S012125 S012406 S012880 S013240 S013538 S015546 S016018 S016034 S016108 S016292) SUP (LT05136 S012580 ST12580)	Resource-Value	Access Actions	=	AM ALTER	SYSVIEW Performance Management	Version 15.0	SYSVIEW Performance Management	Version 16.0
Resource-Value	Access Actions								
=	AM ALTER								
SYSVIEW Performance Management	Version 15.0								
SYSVIEW Performance Management	Version 16.0								

Service	Details
LU05154	LU05154 M.C.S. ENTRIES = ++PTF (LU05154) ABEND SOC4-04 GSVPTRCE ORPH\$\$ ISSUING IMSTRACE PROBLEM DESCRIPTION: When starting an IMS trace from the IMSTRACE command, an abend SOC4 may occur. The abend can occur while a trace is active, or after a trace completed. SYMPTOMS: User's SYSVIEW session terminates with a SOC4-04 in module GSVPTRCE, routine ORPH\$\$. The following error message is issued: GSVX473I (interface.Uid) Routne ORPH\$\$ Addr <address> Offset 0000004C IMPACT: Unable to view captured trace data. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 16.0 Related Problem: SYSVW 16548 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00294-NM4160 DESC (ABEND SOC4-04 GSVPTRCE ORPH\$\$ ISSUING IMSTRACE) . ++VER (Z038) FMID (CNM4G00) PRE (LU02954 LU03135 LU03284 LU04281 S015210) SUP (LT03480 LT05154 LU03480)

Service	Details																																																																				
LU05263	LU05263 M.C.S. ENTRIES = ++PTF (LU05263) IMS TRANSACTION RECORDS ESS, DB, MSG MAXTIME INCORRECT PROBLEM DESCRIPTION: When displaying IMS Transaction Detail records from IMSTLOG, the time shown in the MaxTime column on the SMF Record Report was incorrect. SYMPTOMS: In both the 'DB + MSG Trace' and 'ESS Trace' sections of the SMF Record Report, rows of data that have a count greater than 1 may not display the correct MaxTime. For example, the following MaxTime for the 45 DB2 NORMAL CALLs shows 0.000051 seconds, which is less than the AvgTime so it can't be accurate: Section: ESS Trace <table><thead><tr><th>ESSName</th><th>Type</th><th>PSBName</th><th>Call</th><th>RCODE</th><th>Count</th><th>AvgTime</th><th>MaxTime</th><th>TotTime</th></tr></thead><tbody><tr><td>DT31</td><td>DB2</td><td>DSN8IH0</td><td>SIGNON</td><td>0</td><td>1</td><td>0.000069</td><td>0.000069</td><td>0.00006</td></tr><tr><td>DT31</td><td>DB2</td><td>DSN8IH0</td><td>CREATE THREAD</td><td>0</td><td>1</td><td>0.000328</td><td>0.000328</td><td>0.00032</td></tr><tr><td>DT31</td><td>DB2</td><td>DSN8IH0</td><td>NORMAL CALL</td><td>0</td><td>45</td><td>0.000058</td><td>0.000051</td><td>0.00262</td></tr></tbody></table> <=====> The MaxTime was incorrectly being set to the first call's elapsed time. IMPACT: Incorrect MaxTime displayed for ESS, DL/I DB, and DL/I MSG events. In the IMS Transaction Detail record mapping macro GSVSMF34, the following fields may not be accurate: <table><tbody><tr><td>IMTR_DLI_Req_Max</td><td>Maximum single request time</td></tr><tr><td>IMTR_ESS_Req_Max</td><td>Maximum single request time</td></tr></tbody></table> CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table><tbody><tr><td>SYSVIEW Performance Management</td><td>Version 15.0</td></tr><tr><td>SYSVIEW Performance Management</td><td>Version 16.0</td></tr></tbody></table> Related Problem: SYSVW 16611 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00295-NM4160 DESC(IMS TRANSACTION RECORDS ESS, DB, MSG MAXTIME INCORRECT). ++VER (Z038) FMID (CNM4G00) PRE (LU02954 LU03135 LU03284 LU04281 S015210) SUP (LT05263) <table><tbody><tr><td>MCS</td><td>LU05001</td><td>STARTS ON PAGE 0002</td></tr><tr><td>MCS</td><td>LU05026</td><td>STARTS ON PAGE 0003</td></tr><tr><td>MCS</td><td>LU05067</td><td>STARTS ON PAGE 0004</td></tr><tr><td>MCS</td><td>LU05097</td><td>STARTS ON PAGE 0005</td></tr><tr><td>MCS</td><td>LU05123</td><td>STARTS ON PAGE 0007</td></tr><tr><td>MCS</td><td>LU05136</td><td>STARTS ON PAGE 0008</td></tr><tr><td>MCS</td><td>LU05154</td><td>STARTS ON PAGE 0009</td></tr><tr><td>MCS</td><td>LU05263</td><td>STARTS ON PAGE 0010</td></tr></tbody></table>	ESSName	Type	PSBName	Call	RCODE	Count	AvgTime	MaxTime	TotTime	DT31	DB2	DSN8IH0	SIGNON	0	1	0.000069	0.000069	0.00006	DT31	DB2	DSN8IH0	CREATE THREAD	0	1	0.000328	0.000328	0.00032	DT31	DB2	DSN8IH0	NORMAL CALL	0	45	0.000058	0.000051	0.00262	IMTR_DLI_Req_Max	Maximum single request time	IMTR_ESS_Req_Max	Maximum single request time	SYSVIEW Performance Management	Version 15.0	SYSVIEW Performance Management	Version 16.0	MCS	LU05001	STARTS ON PAGE 0002	MCS	LU05026	STARTS ON PAGE 0003	MCS	LU05067	STARTS ON PAGE 0004	MCS	LU05097	STARTS ON PAGE 0005	MCS	LU05123	STARTS ON PAGE 0007	MCS	LU05136	STARTS ON PAGE 0008	MCS	LU05154	STARTS ON PAGE 0009	MCS	LU05263	STARTS ON PAGE 0010
ESSName	Type	PSBName	Call	RCODE	Count	AvgTime	MaxTime	TotTime																																																													
DT31	DB2	DSN8IH0	SIGNON	0	1	0.000069	0.000069	0.00006																																																													
DT31	DB2	DSN8IH0	CREATE THREAD	0	1	0.000328	0.000328	0.00032																																																													
DT31	DB2	DSN8IH0	NORMAL CALL	0	45	0.000058	0.000051	0.00262																																																													
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MCS	LU05154	STARTS ON PAGE 0009																																																																			
MCS	LU05263	STARTS ON PAGE 0010																																																																			

Product Family	Product	Release
Systems Management	CA SYSVIEW PERFORMANCE MANAGEMENT	16.00.00
The CA RS 2204 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
CAR2204	LU05263	CNM4G00
	LU05154	CNM4G00
	LU05136	CNM4G00
	LU05123	CNM4G00
	LU05097	CNM4G00
	LU05067	CNM4G00
	LU05026	CNM4G00
	LU05001	CNM4G00
CAR2203	LU04847	CNM4G00
	LU04796	CNM4G00
	LU04778	CNM4G00
	LU04722	CNM4G00
	LU04622	CNM4G00
	LU04570	CNM4G00
	LU04461	CNM4G00
CAR2202	LU04404	CNM4G00
	LU04364	CNM4G00
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	LU04169	CNM4G00
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	LU04131	CNM4G00
	LU02573	CNM4G00
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CAR2201	LU03892	CNM4G00
	LU03874	CNM4G00
	LU03842	CNM4G00
	LU03805	CNM4G00
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CAR2112	LU03689	CNM4G00
	LU03616	CNM4G00
	LU03533	CNM4G00
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	LU03433	CNM4G00
	LU03359	CNM4G00
	LU03277	CNM4G00
	LU03115	CNM4G00
	LU02890	CNM4G00
	LU02544	CNM4G00
CAR2111	LU03284	CNM4G00

CA RS Level	Service	FMID
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CAR2106	LU01394	CNM4G00
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	LU01138	CNM4G00
	LU01095	CNM4G00

CA RS Level	Service	FMID
CAR2105	LU01112	CNM4G00
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	LU00548	CNM4G00
	LU00527	CNM4G00
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	LU00409	CNM4G00
	LU00395	CNM4G00
CAR2103	S016310	CNM4G00
	LU00279	CNM4G00
CAR2102	S016292	CNM4G00
	S016215	CNM4G00
	S016213	CNM4G00
	S016162	CNM4G00
	S016108	CNM4G00
	S016069	CNM4G00
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	S016034	CNM4G00
	S014945	CNM4G00
	S016018	CNM4G00
CAR2101	S015790	CNM4G00
	S013275	CNM4G00
	S015783	CNM4G00
CAR2012	S015746	CNM4G00
	S015546	CNM4G00
	S015518	CNM4G00
	S015433	CNM4G00
	S015374	CNM4G00
	S015474	CNM4G00
CAR2011	S015474	CNM4G00

CA RS Level	Service	FMID
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	S015274	CNM4G00
	S015212	CNM4G00
	S015210	CNM4G00
	S015206	CNM4G00
	S015081	CNM4G00
	S015053	CNM4G00
	S014964	CNM4G00
CAR2010	S014985	CNM4G00
	S014921	CNM4G00
	S014894	CNM4G00
	S014768	CNM4G00
	S014761	CNM4G00
	S014746	CNM4G00
	S014740	CNM4G00
	S014696	CNM4G00
CAR2009	S014661	CNM4G00
	S014653	CNM4G00
	S014533	CNM4G00
	S014487	CNM4G00
	S014442	CNM4G00
	S014411	CNM4G00
	S014363	CNM4G00
	S014361	CNM4G00
	S014259	CNM4G00
	S013364	CNM4G00
	S013186	CNM4G00
CAR2008	S014130	CNM4G00
	S014092	CNM4G00
	S014004	CNM4G00
	S013996	CNM4G00
	S013989	CNM4G00
	S013984	CNM4G00
	S013927	CNM4G00
	S013792	CNM4G00
	S013701	CNM4G00
	S013485	CNM4G00
	S013350	CNM4G00
	S013268	CNM4G00
CAR2007	S013782	CNM4G00
	S013779	CNM4G00
	S013751	CNM4G00
	S013612	CNM4G00
	S013538	CNM4G00
	S013529	CNM4G00
	S013408	CNM4G00
	S013188	CNM4G00

CA RS Level	Service	FMID
CAR2006	S013276	CNM4G00
	S013240	CNM4G00
	S013228	CNM4G00
	S013187	CNM4G00
	S013116	CNM4G00
	S013089	CNM4G00
	S013072	CNM4G00
	S013033	CNM4G00
CAR2005	S012880	CNM4G00
	S012816	CNM4G00
	S012773	CNM4G00
	S012721	CNM4G00
	S012629	CNM4G00
	S012625	CNM4G00
	S012580	CNM4G00
	S012330	CNM4G00
CAR2004	S012516	CNM4G00
	S012474	CNM4G00
	S012454	CNM4G00
	S012406	CNM4G00
	S012401	CNM4G00
	S012381	CNM4G00
	S012354	CNM4G00
	S012347	CNM4G00
	S012257	CNM4G00
	S012200	CNM4G00
	S012163	CNM4G00
CAR2003	S012125	CNM4G00
	S012051	CNM4G00
	S012050	CNM4G00
	S011959	CNM4G00
	S011955	CNM4G00
	S011898	CNM4G00
	S011891	CNM4G00
	S011875	CNM4G00
	S011865	CNM4G00
	S011762	CNM4G00
	S010411	CNM4G00
CAR2002	S011830	CNM4G00
	S011821	CNM4G00
	S011798	CNM4G00
	S011683	CNM4G00
	S011642	CNM4G00
	S011632	CNM4G00
	S011553	CNM4G00
	S011361	CNM4G00
CAR2001	S011122	CNM4G00

CA RS Level	Service	FMID
	S011028	CNM4G00
CAR1912	S010853	CNM4G00
	S010849	CNM4G00
	S010710	CNM4G00
	S010680	CNM4G00
	S010649	CNM4G00
	S010588	CNM4G00
	S010541	CNM4G00
CAR1911	S010537	CNM4G00
	S010497	CNM4G00
	S010493	CNM4G00
	S010484	CNM4G00
	S010421	CNM4G00
	S010382	CNM4G00
	S010332	CNM4G00
	S010326	CNM4G00
	S010316	CNM4G00
	S010269	CNM4G00
	S010214	CNM4G00
	S010209	CNM4G00
CAR1910	S010206	CNM4G00
	S010197	CNM4G00
	S010143	CNM4G00
	S010098	CNM4G00
	S009844	CNM4G00
	S009632	CNM4G00
CAR1909	S009772	CNM4G00
	S009681	CNM4G00
	S009650	CNM4G00
	S009607	CNM4G00
	S009589	CNM4G00
	S009537	CNM4G00
	S008894	CNM4G00
CAR1908	S009287	CNM4G00
	S009281	CNM4G00
	S009059	CNM4G00
	S009013	CNM4G00
	S008793	CNM4G00
CAR1907	S008895	CNM4G00
	S008743	CNM4G00
	S008740	CNM4G00
	S008698	CNM4G00
	S008681	CNM4G00
	S008674	CNM4G00
	S008553	CNM4G00
	S008544	CNM4G00
	S008502	CNM4G00

CA RS Level	Service	FMID
	S008485	CNM4G00
	S008459	CNM4G00
	S008228	CNM4G00