

SYSVIEW Performance Management 15.0
CA RS 2207 Service List

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Service	Description	Type
LU05719	ABEND SOC4 ISSUING MQPAGE WHEN AUTHORIZATION FAILS	PTF
LU05977	ABEND U2999-301 SHUTTING DOWN SYSVIEW	**HIPER**
LU06130	ABEND SOC9-09 GSVSRSUM FROW\$\$ ISSUING MQRSUMM	PTF
LU06186	NO SMFDATA COLLECTED BY SYSVIEW W/LU01687	PTF
LU06231	ABEND SOC4 GSVXSMFR WHILE VIEWING LOG STREAM RECORD	PTF
LU06344	SECURITY OR INTEGRITY PROBLEM	** PRP **
The CA RS 2207 service count for this release is 6		

SYSVIEW Performance Management
CA RS 2207 Service List for CNM4F00

FMID	Service	Description	Type
CNM4F00	LU05719	ABEND S0C4 ISSUING MQPAGE WHEN AUTHORIZATION FAILS	PTF
	LU05977	ABEND U2999-301 SHUTTING DOWN SYSVIEW	**HIPER**
	LU06130	ABEND S0C9-09 GSVSRSUM FROW\$\$ ISSUING MQRSUMM	PTF
	LU06186	NO SMFDATA COLLECTED BY SYSVIEW W/LU01687	PTF
	LU06231	ABEND S0C4 GSVXSMFR WHILE VIEWING LOG STREAM RECORD	PTF
	LU06344	SECURITY OR INTEGRITY PROBLEM	** PRP **
The CA RS 2207 service count for this FMID is 6			

Service	Details
LU05719	LU05719 M.C.S. ENTRIES = ++PTF (LU05719) ABEND SOC4 ISSUING MQPAGE WHEN AUTHORIZATION FAILS PROBLEM DESCRIPTION: Abend SOC4-4 is received when issuing MQPAGE and authorization fails for the PCF type command being issued. SYMPTOMS: SOC4 issuing MQPAGE command with results similar to the following. GSVX489I SDWA 1D5BE6D0 RRXB 1D480928 DSA 1D65E6E0 GSVX451E ABEND SOC4-04 IN MQPAGE COMMAND GSVX472I USERID ?????? TERMINAL UNKNOWN INTERFACE API GSVX452I SYSVIEW SRB IN CONTROL AT ENTRY TO ABEND GSVX453I DIAGNOSTICS FOR SRB IN CONTROL AT ENTRY TO ABEND GSVX457I PSW 078C0000 9A5A52C8 ILC 6 INTC 04 GSVX477I KEY 8 STATE SUP AM 31 ASC PRI GSVX458I MODULE GSVXNUC ADDR 1A515000 OFFSET 000902C8 GSVX458I NUCMOD GSVSMQSR ADDR 1A59C280 OFFSET 00009048 GSVX450I FIXLVL S013119 GSVX473I ROUTNE GTPS\$\$ ADDR 1A5A5018 OFFSET 000002B0 GSVX459I DATA AT PSW ADDR 1A5A52C2 GSVX460I D2032000 98E85820 9900D203 GSVX455I GENERAL REGISTERS AT ENTRY TO ABEND GSVX467I R0-R1 00000000_00000000 00000000_000A962A GSVX467I R2-R3 00000000_00000000 00000000_1D80AD34 GSVX467I R4-R5 00000000_00000000 00000000_1D7F4FC4 GSVX467I R6-R7 00000000_1D7F4F40 00000000_1D81B0A0 GSVX467I R8-R9 00000000_1D5C9000 00000000_1D784060 GSVX467I R10-R11 00000000_1A5B5FA8 00000000_1D5C7000 GSVX467I R12-R13 00000000_1A5A5018 00000000_1D64E358 GSVX467I R14-R15 00000000_9A5A52BE 00000000_00000000 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 IMPACT: User session is terminated. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 Related Problem: SYSVW 16923 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00223-NM4150 DESC (ABEND SOC4 ISSUING MQPAGE WHEN AUTHORIZATION FAILS). ++VER (Z038) FMID (CNM4F00) PRE (R096630 R097598 R099412 S001737 S004675 S006572 S007779 S009873 S010925 S011379 S013119) SUP (LT05719 S006998 ST06998)

Service	Details
LU05977	LU05977 M.C.S. ENTRIES = ++PTF (LU05977) ABEND U2999-301 SHUTTING DOWN SYSVIEW PROBLEM DESCRIPTION: An invalid length calculation for SMF record processing results in an overlay in E-PVT when the record is over 32,691 bytes and 32k buffers are being used for the logstream MAXBUFSIZE. This overlay is seen in the SYSVIEW main services address space. SYMPTOMS: In the reported case, an attempt to free an internal control block fails and produces a dump similar to the following, however, results may be unpredictable due to the overlay. GSVX451E (MVSDATA) Abend U2999-301 in MVS data collector GSVX457I (MVSDATA) Psw 078C1000 BDE2CA90 Ilc 2 Intc 0D GSVX477I (MVSDATA) Key 8 State SUP Am 31 Asc PRI GSVX458I (MVSDATA) Module GSVXNUC Addr 3D817000 Offset 00615A90 GSVX458I (MVSDATA) NucMod GSVXSTGR Addr 3DE2A5B8 Offset 000024D8 GSVX450I (MVSDATA) FixLvl LU02534 GSVX473I (MVSDATA) Routne FREE\$\$ Addr 3DE2C540 Offset 00000550 GSVX459I (MVSDATA) Data at PSW addr 3DE2CA8A GSVX460I (MVSDATA) 022418F5 0A0D5820 BFFC5830 GSVX455I (MVSDATA) General registers at entry to abend GSVX467I (MVSDATA) R0-R1 00000000_0006240F 00000000_04000BB7 GSVX467I (MVSDATA) R2-R3 00000000_4146C0C0 00000000_BD8E6F3C GSVX467I (MVSDATA) R4-R5 00000000_3D8E6E70 00000000_00000301 GSVX467I (MVSDATA) R6-R7 00000000_4146C060 00000000_3E0C6350 GSVX467I (MVSDATA) R8-R9 00000000_3E25F7F8 00000000_3F703670 GSVX467I (MVSDATA) R10-R11 00000000_3DE2F348 00000000_3F6FD000 GSVX467I (MVSDATA) R12-R13 00000000_3DE2C540 00000000_3F709288 GSVX467I (MVSDATA) R14-R15 00000000_3F709288 00000000_00000301 GSVX475I (MVSDATA) Access registers at entry to abend GSVX461I (MVSDATA) AR0-AR3 00000000 00000000 00000000 00000000 GSVX461I (MVSDATA) AR4-AR7 00000000 00000000 00000000 00000000 GSVX461I (MVSDATA) AR8-AR11 00000000 00000000 00000000 00000000 GSVX461I (MVSDATA) AR12-AR15 00000000 00000000 00000000 00000000 GSVX462I (MVSDATA) End of symptom dump GSVX950I (MVSDATA) SVCDUMP requested GSVX458I (MVSDATA) Module GSVXNUC Addr 3D817000 Offset 00615A90 GSVX458I (MVSDATA) NucMod GSVXSTGR Addr 3DE2A5B8 Offset 000024D8 GSVX450I (MVSDATA) FixLvl LU02534 GSVX473I (MVSDATA) Routne FREE\$\$ Addr 3DE2C540 Offset 00000550 GSVX954I (MVSDATA) Issuing SDUMPX to capture SVC dump IMPACT: Unpredictable results in the SYSVIEW main address space. CIRCUMVENTION: You can dynamically set the MAXBUFSIZE of SYSVIEW logstreams to the recommended size of 65532 which will prevent the incorrect calculation resulting in the overlay. A sample job, GSVULSUP, is supplied in the SYSVIEW *.CNM4BSAM library to dynamically make the change. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 Related Problem: SYSVW 16883

Service	Details
	(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00230-NM4150 DESC (ABEND U2999-301 SHUTTING DOWN SYSVIEW) . ++VER (Z038) FMID (CNM4F00) PRE (R097598 R099412 S000378 S001737 S006572) SUP (LT05977)

Service	Details
LU06130	LU06130 M.C.S. ENTRIES = ++PTF (LU06130) ABEND SOC9-09 GSVSRSUM FROW\$\$ ISSUING MQRSUMM PROBLEM DESCRIPTION: Issuing MQRSUMM may result in an SOC9 abend if the total number of MQ GETS exceeds 4.2 million for a Queue Manager. SYMPTOMS: Session terminates with a SOC9-09. The following diagnostic information is produced. GSVX451E Abend SOC9-09 in MQRSUMM/REFRESH command GSVX472I Userid ?????? Terminal TN##### Interface VTAM GSVX457I Psw 078C0000 A7E4A636 Ilc 4 Intc 09 GSVX477I Key 8 State SUP Am 31 Asc PRI GSVX458I Module GSVSRSUM Addr 27E48000 Offset 00002636 GSVX450I FixLvl BASE GSVX473I Routne FROW\$\$ Addr 27E49CF0 Offset 00000946 GSVX459I Data at PSW addr 27E4A630 GSVX460I A0945D00 904C5010 93881700 GSVX455I General registers at entry to abend GSVX467I R0-R1 00000000_00000007 00000000_11FF15C8 GSVX467I R2-R3 00000000_00000000 00000000_00000000 GSVX467I R4-R5 00000000_243321B0 00000000_27DE70A0 GSVX467I R6-R7 00000000_27DE7060 00000000_27706060 GSVX467I R8-R9 00000000_27A57C60 00000000_27A34060 GSVX467I R10-R11 00000000_27E4AAD8 00000000_27C95000 GSVX467I R12-R13 00000000_27E49CF0 00000000_27A31388 GSVX467I R14-R15 00000000_A7E4A5B4 00000000_00000000 GSVX475I Access registers at entry to abend GSVX461I AR0-AR3 00000000 00000000 00000000 00000000 GSVX461I AR4-AR7 00000000 00140009 00140009 00140009 GSVX461I AR8-AR11 00000000 00000000 00000000 00000000 GSVX461I AR12-AR15 00000000 00000000 00000000 00000000 GSVX462I End of symptom dump IMPACT: Session terminates and dump is taken. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 Related Problem: SYSVW 17317 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00233-NM4150 DESC(ABEND SOC9-09 GSVSRSUM FROW\$\$ ISSUING MQRSUMM). ++VER (Z038) FMID (CNM4F00) PRE (R099412 SO11610) SUP (LT06130)

Service	Details				
LU06186	LU06186 M.C.S. ENTRIES = ++PTF (LU06186) NO SMFDATA COLLECTED BY SYSVIEW W/LU01687 PROBLEM DESCRIPTION: With PTF LU01687 applied, SMF data may not be collected by SYSVIEW's SMFDATA task. When initializing the SMFDATA task, SYSVIEW checks for currently installed dynamic SMF exits, specifically IEFU83, IEFU84, and IEFU86. If the modules representing these exits are not found, SYSVIEW will not install its dynamic exits. It was found that when IBM dynamic exit HBOSMFEX is installed it removes the module names that SYSVIEW was searching for, so the SYSVIEW exits are not planted. For SYSVIEW 15.0, no applicable version of LU01687 was provided, but the problem addressed by LU01687 is being included in this fix for SYSVIEW 15.0. SYMPTOMS: No SYSVIEW SMF data collected and when displaying the dynamic exits with DYNEXIT command there is no GSV* modules present for the IEFU8* exits. IMPACT: No SMF data collected by SYSVIEW's SMFDATA task. CIRCUMVENTION: If the HBOSMFEX exit is removed, and SYSVIEW's SMFDATA task is restarted, SYSVIEW should insert it's dynamic exit properly. 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 17187 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00234-NM4150 DESC(NO SMFDATA COLLECTED BY SYSVIEW W/LU01687). ++VER (Z038) FMID (CNM4F00) PRE (R097598 R099412 S003940 S006572 S009335) SUP (LT00834 LT05965 LT06186 LU00834)	SYSVIEW Performance Management	Version 15.0	SYSVIEW Performance Management	Version 16.0
SYSVIEW Performance Management	Version 15.0				
SYSVIEW Performance Management	Version 16.0				

Service	Details
LU06231	LU06231 M.C.S. ENTRIES = ++PTF (LU06231) ABEND SOC4 GSVXSMFR WHILE VIEWING LOG STREAM RECORD PROBLEM DESCRIPTION: An abend can occur if a record is deleted from a log stream while the record is being viewed by a user, and the user then enters a command that causes the screen to be refreshed. The previous location of the record is used but it now no longer exists. SYMPTOMS: In the reported case a user was viewing a CTRANLOG record. Sometime after the record was displayed in SYSVIEW it got deleted from the log stream. The user then entered command 'CICS jobname' to switch to another CICS and the following abend occurred: GSVX451E Abend SOC4-11 in SMFRPT/CICS command GSVX452I SYSVIEW SRB in control at entry to abend GSVX453I Diagnostics for SRB in control at entry to abend GSVX457I Psw 078C0001 BBC8BC62 Ilc 4 Intc 11 GSVX477I Key 8 State SUP Am 64 Asc PRI GSVX458I Module GSVXSMFR Addr 3BC87000 Offset 00004C62 GSVX450I FixLvl BASE GSVX473I Routne FMTI\$\$ Addr 3BC8BBC8 Offset 0000009A GSVX459I Data at PSW addr 3BC8BC5C GSVX460I 00EEB909 00FFBFF1 10059140 GSVX455I General registers at entry to abend GSVX467I R0-R1 00000000_00000000 00000000_3C83812C GSVX467I R2-R3 00000000_00000000 00000000_3B7C4A18 GSVX467I R4-R5 00000000_00000040 00000000_3B913698 GSVX467I R6-R7 00000000_3C235670 00000000_3C83812C GSVX467I R8-R9 00000000_3C2DCF80 00000000_3C2B8060 GSVX467I R10-R11 00000000_3BC8F2A8 00000000_3B7C4000 GSVX467I R12-R13 00000000_3BC8BBC8 00000000_3B7E6058 GSVX467I R14-R15 00000000_00000000 00000000_00000000 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 GSVX454I Diagnostics for SYSVIEW TCB/RB at last interrupt GSVX457I Psw 070C0000 814391BC Ilc 2 Intc 2E GSVX477I Key 0 State SUP Am 31 Asc PRI GSVX458I Module IEAVEPS1 Addr 01437708 Offset 00001AB4 GSVX456I General registers at time of interrupt GSVX467I R0-R1 00000000_3C2DCDC0 00000000_00000008 GSVX467I R2-R3 00000000_00007165 00000000_071BFCC0 GSVX467I R4-R5 00000000_00000000 00000000_00000000 GSVX467I R6-R7 00000000_00000000 00000000_3C221630 GSVX467I R8-R9 00000000_00081E64 00000000_BC32E640 GSVX467I R10-R11 00000000_3BFE81D0 00000000_3B7C4000 GSVX467I R12-R13 00000000_3BFE7D68 00000000_7F65DF00 GSVX467I R14-R15 00000000_013F940E 00000000_00000000 GSVX476I Access registers at time of interrupt GSVX461I AR0-AR3 00000000 00000000 00000000 00000000 GSVX461I AR4-AR7 00000000 00000000 00000000 00000000 GSVX461I AR8-AR11 00000000 00000000 00000000 00000000

Service	Details
	GSVX461I AR12-AR15 00000000 00000000 00000000 00000000 GSVX462I End of symptom dump GSVX950I SVCDUMP requested GSVX458I Module GSVXSMFR Addr 3BC87000 Offset 00004C62 GSVX450I FixLvl BASE GSVX473I Routne FMTI\$\$ Addr 3BC8BBC8 Offset 0000009A GSVX954I Issuing SDUMPX to capture SVC dump IMPACT: Session abends and dump is produced. CIRCUMVENTION: None PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 Related Problem: SYSVW 17396 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00235-NM4150 DESC (ABEND SOC4 GSVXSMFR WHILE VIEWING LOG STREAM RECORD). ++VER (Z038) FMID (CNM4F00) PRE (R097598) SUP (LT06231)

Service	Details
LU06344	LU06344 M.C.S. ENTRIES = ++PTF (LU06344) SECURITY OR INTEGRITY PROBLEM PROBLEM DESCRIPTION: Security or Integrity Problem. For more details access Security Advisories using the following URL: support.broadcom.com/security-advisory/security-advisories-list.html Broadcom recommends that you subscribe to notifications for Security Advisories for the associated products that you support in your organization. Please use the following URL to register for proactive notifications: https://support.broadcom.com/user/notifications.html SYMPTOMS: N/A IMPACT: Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 Related Problem: SYSVW 17503 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00237-NM4150 DESC (SECURITY OR INTEGRITY PROBLEM). ++VER (Z038) FMID (CNM4F00) PRE (LU00926 LU01973 LU04125 R097598 S006572 S010452) SUP (LT06344 NC96757) MCS LU05719 STARTS ON PAGE 0002 MCS LU05977 STARTS ON PAGE 0003 MCS LU06130 STARTS ON PAGE 0004 MCS LU06186 STARTS ON PAGE 0005 MCS LU06231 STARTS ON PAGE 0006 MCS LU06344 STARTS ON PAGE 0008

Product Family	Product	Release
Systems Management	CA SYSVIEW PERFORMANCE MANAGEMENT	15.00.00
The CA RS 2207 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
CAR2207	LU06344	CNM4F00
	LU06231	CNM4F00
	LU06186	CNM4F00
	LU06130	CNM4F00
	LU05977	CNM4F00
	LU05719	CNM4F00
CAR2206	LU05979	CNM4F00
	LU05975	CNM4F00
	LU05872	CNM4F00
	LU05821	CNM4F00
	LU05778	CNM4F00
CAR2205	LU05345	CNM4F00
	LU04125	CNM4F00
CAR2204	LU05262	CNM4F00
	LU05203	CNM4F00
	LU05187	CNM4F00
	LU05173	CNM4F00
CAR2203	LU04848	CNM4F00
CAR2202	LU04454	CNM4F00
	LU04448	CNM4F00
	LU04368	CNM4F00
	LU04365	CNM4F00
	LU04259	CNM4F00
	LU04142	CNM4F00
	LU03524	CNM4F00
CAR2201	LU03947	CNM4F00
	LU03894	CNM4F00
CAR2112	LU03617	CNM4F00
	LU03545	CNM4F00
	LU03528	CNM4F00
	LU03496	CNM4F00
	LU03122	CNM4F00
CAR2111	LU03236	CNM4F00
	LU03128	CNM4F00
	LU03061	CNM4F00
	LU02999	CNM4F00
	LU02967	CNM4F00
CAR2110	LU02920	CNM4F00
	LU02797	CNM4F00
	LU02750	CNM4F00
	LU02737	CNM4F00
	LU02566	CNM4F00
CAR2109	LU02368	CNM4F00
	LU02317	CNM4F00
	LU02266	CNM4F00
CAR2108	LU02014	CNM4F00
	LU01973	CNM4F00

CA RS Level	Service	FMID
CAR2107	LU01827	CNM4F00
	LU01587	CNM4F00
	LU01521	CNM4F00
	LU01500	CNM4F00
	LU01298	CNM4F00
CAR2106	LU01404	CNM4F00
	LU00999	CNM4F00
CAR2105	LU01111	CNM4F00
	LU01105	CNM4F00
	LU01072	CNM4F00
	LU00926	CNM4F00
	LU00834	CNM4F00
CAR2104	LU00758	CNM4F00
	LU00736	CNM4F00
	LU00706	CNM4F00
	LU00429	CNM4F00
	LU00422	CNM4F00
	LU00396	CNM4F00
CAR2103	S016234	CNM4F00
CAR2102	S016163	CNM4F00
	S016095	CNM4F00
	S016070	CNM4F00
	S015856	CNM4F00
CAR2101	S015997	CNM4F00
	S015888	CNM4F00
CAR2012	S015782	CNM4F00
	S015744	CNM4F00
	S015517	CNM4F00
CAR2011	S015470	CNM4F00
	S015326	CNM4F00
	S015309	CNM4F00
	S015285	CNM4F00
	S015203	CNM4F00
CAR2010	S015001	CNM4F00
	S014928	CNM4F00
	S014840	CNM4F00
CAR2009	S014489	CNM4F00
	S014422	CNM4F00
	S014387	CNM4F00
	S014331	CNM4F00
	S013576	CNM4F00
	S013391	CNM4F00
	S013127	CNM4F00
	S014129	CNM4F00
CAR2008	S014078	CNM4F00
	S013997	CNM4F00
	S013993	CNM4F00
	S013993	CNM4F00

CA RS Level	Service	FMID
	S013983	CNM4F00
	S013897	CNM4F00
	S013793	CNM4F00
	S013351	CNM4F00
	S013271	CNM4F00
	S012176	CNM4F00
CAR2007	S013525	CNM4F00
	S013511	CNM4F00
	S013410	CNM4F00
	S012897	CNM4F00
	S012753	CNM4F00
CAR2006	S013241	CNM4F00
	S013119	CNM4F00
	S013057	CNM4F00
	S013035	CNM4F00
	S012996	CNM4F00
	S012995	CNM4F00
	S012801	CNM4F00
CAR2005	S012796	CNM4F00
	S012790	CNM4F00
	S012701	CNM4F00
	S012623	CNM4F00
	S012606	CNM4F00
	S012604	CNM4F00
	S012317	CNM4F00
CAR2004	S012500	CNM4F00
	S012456	CNM4F00
	S012393	CNM4F00
	S012386	CNM4F00
	S012258	CNM4F00
	S012218	CNM4F00
	S012217	CNM4F00
	S012183	CNM4F00
	S012113	CNM4F00
CAR2003	S011948	CNM4F00
	S011894	CNM4F00
	S011885	CNM4F00
	S011710	CNM4F00
	S010379	CNM4F00
CAR2002	S011829	CNM4F00
	S011822	CNM4F00
	S011802	CNM4F00
	S011682	CNM4F00
	S011610	CNM4F00
	S011509	CNM4F00
	S011379	CNM4F00
CAR2001	S010925	CNM4F00

CA RS Level	Service	FMID
CAR1912	S010999	CNM4F00
	S010670	CNM4F00
	S010666	CNM4F00
	S010611	CNM4F00
	S010560	CNM4F00
CAR1911	S010629	CNM4F00
	S010494	CNM4F00
	S010452	CNM4F00
	S010318	CNM4F00
	S008373	CNM4F00
CAR1910	S010237	CNM4F00
	S010211	CNM4F00
	S010134	CNM4F00
	S009992	CNM4F00
	S009984	CNM4F00
	S009916	CNM4F00
	S009873	CNM4F00
	S009430	CNM4F00
CAR1909	S009654	CNM4F00
	S009649	CNM4F00
	S009560	CNM4F00
	S009472	CNM4F00
	S009335	CNM4F00
	S009092	CNM4F00
CAR1908	S009308	CNM4F00
	S009215	CNM4F00
CAR1907	S008931	CNM4F00
	S008657	CNM4F00
	S008596	CNM4F00
	S008543	CNM4F00
	S008538	CNM4F00
	S008342	CNM4F00
	S008269	CNM4F00
	S007426	CNM4F00
CAR1906	S008571	CNM4F00
	S008319	CNM4F00
	S008304	CNM4F00
	S008276	CNM4F00
	S008195	CNM4F00
CAR1905	S007946	CNM4F00
	S007945	CNM4F00
	S007932	CNM4F00
	S007537	CNM4F00
CAR1904	S007779	CNM4F00
	S007714	CNM4F00
	S007701	CNM4F00
	S007692	CNM4F00

CA RS Level	Service	FMID
	S007626	CNM4F00
CAR1903	S007377	CNM4F00
	S007245	CNM4F00
	S007163	CNM4F00
	S007157	CNM4F00
	S007130	CNM4F00
CAR1902	S007139	CNM4F00
	S007038	CNM4F00
	S006998	CNM4F00
	S006970	CNM4F00
CAR1901	S006572	CNM4F00
CAR1812	S006149	CNM4F00
CAR1811	S005678	CNM4F00
	S005531	CNM4F00
CAR1810	S005461	CNM4F00
	S005324	CNM4F00
	S005240	CNM4F00
CAR1808	S004675	CNM4F00
	S004297	CNM4F00
CAR1807	S003940	CNM4F00
CAR1806	S003690	CNM4F00
	S001737	CNM4F00
CAR1805	S001322	CNM4F00
	S001216	CNM4F00
CAR1804	S001093	CNM4F00
CAR1803	S000378	CNM4F00
CAR1802	R099504	CNM4F00
CAR1801	R099735	CNM4F00
	R099412	CNM4F00
CAR1711	R098752	CNM4F00
CAR1709	R097598	CNM4F00
	R097445	CNM4F00
CAR1707	R096762	CNM4F00
	R096738	CNM4F00
	R096630	CNM4F00