Service	Description	Type
LU05088	JVM AGENT SHUTDOWN UPDATES	PTF
LU06516	CPU LOOP CONDITION AS A RESULT OF CANCELLING SYSVIEW	PTF
LU06759	IMS LOGGER ABEND S0D7 DUE TO UNAUTHORIZED SSAR INSTRUCTION	PTF
LU07355	ABEND S0C4 ISSUING MQUSERS WITH IBM APAR PH03662	PTF
LU07363	CICS TRANSACTION CANCELLATION CHANGES	PTF
LU07411	IRLMLOCK ABEND S0C4-04 MODULE GSVPIMSR ROUTINE LUII$$	PTF
LU07496	IMSEVENT GSV2574E STORAGE LIMIT GSVX451E ABEND U2999-403	PTF

The CA RS 2210 service count for this release is 7

FMID	Service	Description	Type
CNM4G00	LU05088	JVM AGENT SHUTDOWN UPDATES	PTF
	LU06516	CPU LOOP CONDITION AS A RESULT OF CANCELLING SYSVIEW	PTF
	LU06759	IMS LOGGER ABEND S0D7 DUE TO UNAUTHORIZED SSAR INSTRUCTION	PTF
	LU07355	ABEND S0C4 ISSUING MQUSERS WITH IBM APAR PH03662	PTF
	LU07363	CICS TRANSACTION CANCELLATION CHANGES	PTF
	LU07411	IRLMLOCK ABEND S0C4-04 MODULE GSVPIMSR ROUTINE LUII$$	PTF
	LU07496	IMSEVENT GSV2574E STORAGE LIMIT GSVX451E ABEND U2999-403	PTF
The CA RS 2210 service count for this FMID is 7			

Service	Details
LU05088	LU05088 M.C.S. ENTRIES = ++PTF (LU05088) JVM AGENT SHUTDOWN UPDATES PROBLEM DESCRIPTION: The SYSVIEW JVM agent relies on the monitored JVM to post the agent for shutdown. This fix adds additional checks in the agent to ensure that the agent does not ignore any shutdown calls made by the JVM. This fix also adds an additional debug message to be output during SYSVIEW JVM agent shut down time. The following message has been added: GSV1014I JVMTI callback entered Agent_OnUnload SYMPTOMS: JVM that is being monitored by SYSVIEW JVM agent does not shut down until SYSVIEW JVM agent is canceled. When the SYSVIEW JVM agent shuts down correctly, it will output the following message: GSV1001I SYSVIEW for JVM Data Collector Agent Release xx.x Build xxxx stopped When the shut down error occurs, the above GSV1001I message is not output. IMPACT: JVM hangs on shutdown. CIRCUMVENTION: Cancel the SYSVIEW JVM agent thread in the monitored JVM. This can be done by issuing the STOP line command on the JVMLIST command for the row where the monitored JVM is displayed. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 16.0 Related Problem: SYSVW 16493 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00290-NM4160 DESC(JVM AGENT SHUTDOWN UPDATES). ++VER (Z038) FMID (CNM4G00) PRE (LU00951 LU01855 LU02613 LU03135 LU04349 SO09589 SO10269 SO11632 SO12347 SO13187 SO15790 SO16018 SO16108) SUP (LT03277 LT05088 LU03277) ++HOLD (LU05088) SYSTEM FMID(CNM4G00) REASON (RESTART) DATE (22258) COMMENT (+----------+ | SYSVIEW Performance Management Version 16.0 | +----------+----------+ |SEQUENCE | After Apply | +----------+----------+ |PURPOSE | To implement the fix | +----------+----------+ |USERS | All users of SYSVIEW JVM monitoring | |AFFECTED | | +----------+----------+ |KNOWLEDGE | SYSVIEW JVM agent administration | |REQUIRED | | +----------+----------

Service	Details
	|ACCESS | Product libraries | |REQUIRED | | +----------+----------+ ********** * STEPS TO PERFORM * ********** If you do not use the JVM component then this HOLD can be ignored. 1. Apply the PTF. 2. Stop the JVMs configured to run the agent. Note that some address spaces such as CICS can have multiple JVMs. All JVMs in the address space must be stopped at the same time. 3. Stop the SYSVIEW STCs, GSSA, and any user sessions. 4. Deploy the agent run-time from the SMP/E managed directory "../cnm4g00/CNM4JVMD/" (DDDEF CNM4JVMD) to the run-time directory "../cnm4g00/runtime/". The deploy can be performed by running the install job sysviewhlq.SAMPJCL(INST0006). 5. Start the SYSVIEW STCs, GSSA, and any user sessions. 6. Start the JVMs configured to run the agent. Notes: 1. It is not required to immediately stop and start your JVMs to pick up the updated JVM data collector agent. A back-level agent will continue to communicate with a higher level SYSVIEW STC. It is recommended to keep the agent in sync with the SYSVIEW STC so the latest features and bug fixes are active in the agent. 2. The following SYSVIEW commands can be used to identify JVMs configured to run an agent that are currently running on a system: JVMARGS SYSTEM ; SELECT ARGUMENT CN -AGENTPATH Ensure all run-time directories are updated with the new binaries.). LINK('../libgsvoagt1.so') PARM(PATHMODE(0,7,7,5)). LINK('../libgsvoagt4.so') PARM(PATHMODE(0,7,7,5)).

Service	Details
LU06516	LU06516 M.C.S. ENTRIES = ++PTF (LU06516) CPU LOOP CONDITION AS A RESULT OF CANCELLING SYSVIEW PROBLEM DESCRIPTION: Cancelling a SYSVIEW user while issuing commands like TASKMON, CPU, ACTJOB, and the similar functions invoked by the MVS Data Collector subtask in the SYSVIEW STC, can result in a processor looping condition. SYMPTOMS: System enters a looping condition after SYSVIEW or a SYSVIEW user session has been cancelled. IMPACT: Possible system outage and IPL. CIRCUMVENTION: Don't cancel SYSVIEW while the above commands are being issued. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 17660 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00322-NM4160 DESC(CPU LOOP CONDITION AS A RESULT OF CANCELLING SYSVIEW). ++VER (Z038) FMID (CNM4G00) PRE (LU00849 LU02191 LU03135 SO09844 SO10316 SO13116 SO14533 SO15546 SO15790 SO16018) SUP (LT06516)

Service	Details
LU06759	LU06759 M.C.S. ENTRIES = ++PTF (LU06759) IMS LOGGER ABEND S0D7 DUE TO UNAUTHORIZED SSAR INSTRUCTION PROBLEM DESCRIPTION: When attempting to calculate IMS transaction CPU time, it may be necessary to obtain measurement data cross-memory from a dependent region. In some cases, the requesting region may not be the IMS Control Region, so the address space attempting cross-memory access was not authorized to issue a SSAR instruction, resulting in a S0D7 abend. SYMPTOMS: SYSVIEW IMS Logger abends with a S0D7-25, and in most cases the Logger restarts automatically. IMPACT: Missing transactions on the IMSTLOG Logstream while the Logger is inactive. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 16.0 SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 17864 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00326-NM4160 DESC(IMS LOGGER ABEND S0D7 DUE TO UNAUTHORIZED SSAR INSTRUCTION). ++VER (Z038) FMID (CNM4G00) PRE (LU02016 LU02954 LU03135 LU05773 LU06585 SO13240) SUP (LT06759)

Service	Details
LU07355	LU07355 M.C.S. ENTRIES = ++PTF (LU07355) ABEND S0C4 ISSUING MQUSERS WITH IBM APAR PH03662 PROBLEM DESCRIPTION: Abend S0C4-10 in GSVSX910 after applying PTF for IBM APAR PH03662 SYMPTOMS: S0C4 issuing commands MQHANDLE, MQQUSERS, MQSBSTAT, MQTUSERS or MQUSERS with abend messages similar to the following: GSVX451I ABEND S0C4-10 IN MQUSERS COMMAND GSVX472I USERID ?????? TERMINAL ???????? INTERFACE ISPF GSVX452I SYSVIEW SRB IN CONTROL AT ENTRY TO ABEND GSVX453I DIAGNOSTICS FOR SRB IN CONTROL AT ENTRY TO ABEND GSVX457I PSW 070C1000 A6334150 ILC 4 INTC 10 GSVX477I KEY 0 STATE SUP AM 31 ASC PRI GSVX458I MODULE GSVSX910 ADDR 26329F08 OFFSET 0000A248 GSVX450I FIXLVL BASE GSVX473I ROUTNE GUSX$$ ADDR 26333F40 OFFSET 00000210 GSVX459I DATA AT PSW ADDR 2633414A GSVX460I 12774780 C24E9180 701F4710 GSVX455I GENERAL REGISTERS AT ENTRY TO ABEND GSVX467I R0-R1 00000000_00000000 00000000_00000018 GSVX467I R2-R3 00000000_00000000 00000000_20A653E8 GSVX467I R4-R5 00000000_20A653B0 00000000_20A892D0 GSVX467I R6-R7 00000000_1FCB58C8 00000000_BAA78400 GSVX467I R8-R9 00000000_25729000 00000000_26328930 GSVX467I R10-R11 00000000_263356D8 00000000_25727000 GSVX467I R12-R13 00000000_26333F40 00000000_25733468 GSVX467I R14-R15 00000000_A6333FB0 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 A6287150 ILC 4 INTC 10 GSVX477I KEY 0 STATE SUP AM 31 ASC PRI IMPACT: Command abends and terminates CIRCUMVENTION: None PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 18212 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00336-NM4160 DESC(ABEND S0C4 ISSUING MQUSERS WITH IBM APAR PH03662). ++VER (Z038) FMID (CNM4G00) PRE (LU01064 LU03135 SO09589 SO09844 SO11028 SO11361 SO12050

Service	Details
	SO13116 SO15546)
	SUP (LT07355 SO15053 ST15053)

Service	Details
LU07363	LU07363 M.C.S. ENTRIES = ++PTF (LU07363) CICS TRANSACTION CANCELLATION CHANGES PROBLEM DESCRIPTION: Utilizing a SYSVIEW CANCEL or KILL cancellation action for CICS tasks may have unpredictable results in certain cases. When a CANCEL or KILL is requested, one action SYSVIEW attempts is to turn on and/or 'speed up' the native CICS AICA runaway task processing for the task. Depending on the state of the task in CICS at the time, this could theoretically result in unpredictable behavior of the task. SYSVIEW currently only attempts this AICA action for CICS TS 5.5 and lower versions. This fix is removing the SYSVIEW modification of the AICA processing for all versions of CICS TS. The native CICS AICA runaway task processing, controlled by CICS system initialization parameter ICVR and transaction definition parameter RUNAWAY, will still occur as defined. SYSVIEW will no longer invoke or affect the native CICS AICA process, but will continue performing actions such as invoking the CICS dispatcher and possibly executing the CEKL transaction to terminate a task as documented. SYMPTOMS: There are no known symptoms. This change is being made as a preventive measure. IMPACT: Unpredictable, but transactions will still be eligible for native CICS AICA processing as per CICS definitions. CIRCUMVENTION: Use the PURGE, FORCEPUR, or CKILL actions. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 18320 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00337-NM4160 DESC(CICS TRANSACTION CANCELLATION CHANGES). ++VER (Z038) FMID (CNM4G00) PRE (LU00849 LU03135 LU03433 SO09589 SO11875 SO12816 SO13538 SO14533 SO14894 SO16292) SUP (LT05753 LT07363 LU05753) ++HOLD (LU07363) SYSTEM FMID(CNM4G00) REASON (DOC) DATE (22259) COMMENT (+----------+ | SYSVIEW Performance Management Version 16.0 | +----------+ ********** * PUBLICATION * ********** All documentation regarding CICS transaction cancellation methods, which is primarily in the CTHRESH and CTRANCAN command help and parmlib

Service	Details
	members, is updated to delete the following sentence for the CANCEL and KILL cancellation options: Attempt to cancel a looping transaction utilizing the CICS AICA runaway task process. Prior to this PTF: When a CANCEL or KILL action was requested for a CICS task, SYSVIEW may have dynamically made the task eligible for native CICS AICA runaway task processing even though the transaction definition didn't specify so on the RUNAWAY parameter. After this PTF: SYSVIEW will no longer affect runaway task processing in any fashion. Runaway task processing will occur as per native CICS definitions. You may want to review your CICS system initialization parameter ICVR, as well as the RUNAWAY parameter on transaction definitions, to ensure CICS natively provides this functionality as you desire. SYSVIEW will continue to take other cancel actions such as invoking the CICS dispatcher and issuing the CEKL transaction as documented.). ++HOLD (LU07363) SYSTEM FMID(CNM4G00) REASON (RESTART) DATE (22259) 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 | CICS Systems Programming | +----------+----------+ |ACCESS | Product libraries | |REQUIRED | Ability to run SYSVIEW for CICS transactions | +----------+----------+ ********** * STEPS TO PERFORM * ********** This PTF requires the SYSVIEW for CICS monitor to be recycled, or CICS to be recycled. 1. Apply the PTF. 2. Stop any CICS regions being monitored by SYSVIEW, or use the GSVT (terminate) transaction to stop SYSVIEW for CICS within each region. 3. Stop the SYSVIEW STCs, GSSA, and any user sessions. 4. Deploy the PTF to your run-time libraries. 5. Start the SYSVIEW STCs, GSSA, and any user sessions. 6. Start any CICS regions being monitored by SYSVIEW, or use the GSVS (start) transaction to start SYSVIEW for CICS within each region.).

Service	Details
LU07411	LU07411 M.C.S. ENTRIES = ++PTF (LU07411) IRLMLOCK ABEND S0C4-04 MODULE GSVPIMSR ROUTINE LUII$$ PROBLEM DESCRIPTION: Abend S0C4-04 in module GSVXNUC.GSVPIMSR, routine LUII$$ when issuing the IRLMLOCK command. Reg1 at abend points to fetch protected common storage. SYMPTOMS: GSVX451E Abend S0C4-04 in IRLMLOCK command GSVX472I Userid xxxxxxx Terminal xxxxxxxx Interface VTAM GSVX457I Psw 078C1000 BB633BDC Ilc 6 Intc 04 GSVX477I Key 8 State SUP Am 31 Asc PRI GSVX458I Module GSVXNUC Addr 3B417000 Offset 0021CBDC GSVX458I NucMod GSVPIMSR Addr 3B631470 Offset 0000276C GSVX450I FixLvl BASE GSVX473I Routne LUII$$ Addr 3B633B60 Offset 0000007C GSVX459I Data at PSW addr 3B633BD6 GSVX460I D5035030 10004780 C0885A50 GSVX455I General registers at entry to abend GSVX467I R0-R1 00000000_00000000 00000000_262FB430 GSVX467I R2-R3 00000000_3F0D8060 00000000_00000000 GSVX467I R4-R5 00000000_3EFFDA18 00000000_3F2DD0A0 GSVX467I R6-R7 00000000_3F223D50 00000000_3F223D50 GSVX467I R8-R9 00000000_3EFFF000 00000000_3F2DB060 GSVX467I R10-R11 00000000_3B642250 00000000_3EFFD000 GSVX467I R12-R13 00000000_3B633B60 00000000_3F041D18 GSVX467I R14-R15 00000000_3F041D18 00000000_3B633B60 GSVX475I Access registers at entry to abend GSVX461I AR0-AR3 00000000 00000000 00000000 00000000 GSVX461I AR4-AR7 00000000 00000000 00000000 00000000 GSVX461I AR8-AR11 00000000 00000000 00000000 00000000 GSVX461I AR12-AR15 00000000 00000000 00000000 00000000 GSVX462I End of symptom dump IMPACT: Unable to display DB2 or IMS lock data. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 18347 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00338-NM4160 DESC(IRLMLOCK ABEND S0C4-04 MODULE GSVPIMSR ROUTINE LUII$$). ++VER (Z038) FMID (CNM4G00) PRE (LU00527 LU03135 LU05123 LU05819) SUP (LT07411)

Service	Details
LU07496	LU07496 M.C.S. ENTRIES = ++PTF (LU07496) IMSEVENT GSV2574E STORAGE LIMIT GSVX451E ABEND U2999-403 PROBLEM DESCRIPTION: Storage creep in E-PVT, subpool 0, key 8. A 128K data area containing IMS user exit data is being orphaned every time the IMSEVENT command is issued. The data will have the following eyecatcher: *GDBB.....* *.....* *IMUSXE......IMSMON..GSVPDCMX....* SYMPTOMS: GSV2574E Storage limit of 256M exceeded, new level creation not allowed -or- GSVX004E STORAGE OBTAIN failed rc 04 from GSVPIMSR+nn GETD$$ len 00020000 GSVX451E Abend U2999-403 in IMSEVENT command GSVX472I Userid xxxxxxx Terminal xxxxxxxx Interface TSO GSVX457I Psw 078D0000 BB6BCEB8 Ilc 2 Intc 0D GSVX477I Key 8 State PROB Am 31 Asc PRI GSVX458I Module GSVXSTGR Addr 3B6BB000 Offset 00001EB8 GSVX450I FixLvl BASE GSVX473I Routne GET$$$ Addr 3B6BC2B8 Offset 00000C00 IMPACT: User session abends, or becomes unusable. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 16.0 SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 18436 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00339-NM4160 DESC(IMSEVENT GSV2574E STORAGE LIMIT GSVX451E ABEND U2999-403). ++VER (Z038) FMID (CNM4G00) PRE (LU03135 SO11642) SUP (LT07496) MCS LU05088 STARTS ON PAGE 0002 MCS LU06516 STARTS ON PAGE 0004 MCS LU06759 STARTS ON PAGE 0004 MCS LU07355 STARTS ON PAGE 0005 MCS LU07363 STARTS ON PAGE 0007 MCS LU07411 STARTS ON PAGE 0009 MCS LU07496 STARTS ON PAGE 0010

Product Family	Product	Release
Performance and Storage	CA SYSVIEW PERFORMANCE MANAGEMENT	16.00.00
The CA RS 2210 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
CAR2210	LU07496	CNM4G00
	LU07411	CNM4G00
	LU07363	CNM4G00
	LU07355	CNM4G00
	LU06759	CNM4G00
	LU06516	CNM4G00
	LU05088	CNM4G00
CAR2209	LU07173	CNM4G00
	LU07041	CNM4G00
	LU07010	CNM4G00
	LU06972	CNM4G00
	LU06724	CNM4G00
CAR2208	LU06598	CNM4G00
	LU06585	CNM4G00
	LU06479	CNM4G00
	LU06322	CNM4G00
	LU06234	CNM4G00
	LU05773	CNM4G00
	LU05601	CNM4G00
CAR2207	LU06443	CNM4G00
	LU06336	CNM4G00
	LU06319	CNM4G00
	LU06228	CNM4G00
	LU06165	CNM4G00
	LU06155	CNM4G00
	LU06145	CNM4G00
	LU06119	CNM4G00
	LU05981	CNM4G00
	LU05953	CNM4G00
	LU05776	CNM4G00
CAR2206	LU05980	CNM4G00
	LU05959	CNM4G00
	LU05819	CNM4G00
	LU05813	CNM4G00
	LU05777	CNM4G00
	LU05753	CNM4G00
	LU05574	CNM4G00
CAR2205	LU05614	CNM4G00
	LU05548	CNM4G00
	LU05311	CNM4G00
CAR2204	LU05263	CNM4G00
	LU05154	CNM4G00
	LU05136	CNM4G00
	LU05123	CNM4G00
	LU05097	CNM4G00
	LU05067	CNM4G00
	LU05026	CNM4G00

CA RS Level	Service	FMID
	LU05001	CNM4G00
CAR2203	LU04847	CNM4G00
	LU04796	CNM4G00
	LU04778	CNM4G00
	LU04722	CNM4G00
	LU04622	CNM4G00
	LU04570	CNM4G00
	LU04461	CNM4G00
CAR2202	LU04404	CNM4G00
	LU04364	CNM4G00
	LU04349	CNM4G00
	LU04342	CNM4G00
	LU04328	CNM4G00
	LU04281	CNM4G00
	LU04206	CNM4G00
	LU04177	CNM4G00
	LU04169	CNM4G00
	LU04147	CNM4G00
	LU04131	CNM4G00
	LU02573	CNM4G00
	LU02535	CNM4G00
CAR2201	LU03892	CNM4G00
	LU03874	CNM4G00
	LU03842	CNM4G00
	LU03805	CNM4G00
	LU03781	CNM4G00
CAR2112	LU03689	CNM4G00
	LU03616	CNM4G00
	LU03533	CNM4G00
	LU03529	CNM4G00
	LU03526	CNM4G00
	LU03480	CNM4G00
	LU03469	CNM4G00
	LU03433	CNM4G00
	LU03359	CNM4G00
	LU03277	CNM4G00
	LU03115	CNM4G00
	LU02890	CNM4G00
	LU02544	CNM4G00
CAR2111	LU03284	CNM4G00
	LU03153	CNM4G00
	LU03135	CNM4G00
	LU03067	CNM4G00
	LU03050	CNM4G00
	LU03030	CNM4G00
	LU03000	CNM4G00
	LU02966	CNM4G00

CA RS Level	Service	FMID
	LU02963	CNM4G00
	LU02954	CNM4G00
	LU02613	CNM4G00
CAR2110	LU02875	CNM4G00
	LU02760	CNM4G00
	LU02748	CNM4G00
	LU02664	CNM4G00
	LU02620	CNM4G00
	LU02568	CNM4G00
	LU02548	CNM4G00
	LU02427	CNM4G00
	LU02298	CNM4G00
CAR2109	LU02534	CNM4G00
	LU02441	CNM4G00
	LU02367	CNM4G00
	LU02316	CNM4G00
	LU02262	CNM4G00
	LU02244	CNM4G00
CAR2108	LU02191	CNM4G00
	LU02125	CNM4G00
	LU02032	CNM4G00
	LU02016	CNM4G00
	LU02000	CNM4G00
	LU01709	CNM4G00
CAR2107	LU01896	CNM4G00
	LU01855	CNM4G00
	LU01826	CNM4G00
	LU01773	CNM4G00
	LU01687	CNM4G00
	LU01568	CNM4G00
	LU01522	CNM4G00
	LU01511	CNM4G00
	LU01501	CNM4G00
	LU01276	CNM4G00
CAR2106	LU01394	CNM4G00
	LU01368	CNM4G00
	LU01353	CNM4G00
	LU01337	CNM4G00
	LU01138	CNM4G00
	LU01095	CNM4G00
CAR2105	LU01112	CNM4G00
	LU01098	CNM4G00
	LU01071	CNM4G00
	LU01064	CNM4G00
	LU01050	CNM4G00
	LU01005	CNM4G00
	LU00958	CNM4G00

CA RS Level	Service	FMID
	LU00951	CNM4G00
	LU00933	CNM4G00
	LU00919	CNM4G00
	LU00894	CNM4G00
	LU00849	CNM4G00
	LU00838	CNM4G00
	LU00806	CNM4G00
CAR2104	LU00763	CNM4G00
	LU00742	CNM4G00
	LU00704	CNM4G00
	LU00630	CNM4G00
	LU00595	CNM4G00
	LU00552	CNM4G00
	LU00548	CNM4G00
	LU00527	CNM4G00
	LU00517	CNM4G00
	LU00417	CNM4G00
	LU00409	CNM4G00
	LU00395	CNM4G00
CAR2103	SO16310	CNM4G00
	LU00279	CNM4G00
CAR2102	SO16292	CNM4G00
	SO16215	CNM4G00
	SO16213	CNM4G00
	SO16162	CNM4G00
	SO16108	CNM4G00
	SO16069	CNM4G00
	SO16035	CNM4G00
	SO16034	CNM4G00
	SO14945	CNM4G00
CAR2101	SO16018	CNM4G00
	SO15790	CNM4G00
	SO13275	CNM4G00
CAR2012	SO15783	CNM4G00
	SO15746	CNM4G00
	SO15546	CNM4G00
	SO15518	CNM4G00
	SO15433	CNM4G00
	SO15374	CNM4G00
CAR2011	SO15474	CNM4G00
	SO15325	CNM4G00
	SO15274	CNM4G00
	SO15212	CNM4G00
	SO15210	CNM4G00
	SO15206	CNM4G00
	SO15081	CNM4G00
	SO15053	CNM4G00

CA RS Level	Service	FMID
	SO14964	CNM4G00
CAR2010	SO14985	CNM4G00
	SO14921	CNM4G00
	SO14894	CNM4G00
	SO14768	CNM4G00
	SO14761	CNM4G00
	SO14746	CNM4G00
	SO14740	CNM4G00
	SO14696	CNM4G00
CAR2009	SO14661	CNM4G00
	SO14653	CNM4G00
	SO14533	CNM4G00
	SO14487	CNM4G00
	SO14442	CNM4G00
	SO14411	CNM4G00
	SO14363	CNM4G00
	SO14361	CNM4G00
	SO14259	CNM4G00
	SO13364	CNM4G00
	SO13186	CNM4G00
CAR2008	SO14130	CNM4G00
	SO14092	CNM4G00
	SO14004	CNM4G00
	SO13996	CNM4G00
	SO13989	CNM4G00
	SO13984	CNM4G00
	SO13927	CNM4G00
	SO13792	CNM4G00
	SO13701	CNM4G00
	SO13485	CNM4G00
	SO13350	CNM4G00
	SO13268	CNM4G00
CAR2007	SO13782	CNM4G00
	SO13779	CNM4G00
	SO13751	CNM4G00
	SO13612	CNM4G00
	SO13538	CNM4G00
	SO13529	CNM4G00
	SO13408	CNM4G00
	SO13188	CNM4G00
CAR2006	SO13276	CNM4G00
	SO13240	CNM4G00
	SO13228	CNM4G00
	SO13187	CNM4G00
	SO13116	CNM4G00
	SO13089	CNM4G00
	SO13072	CNM4G00

CA RS Level	Service	FMID
	SO13033	CNM4G00
CAR2005	SO12880	CNM4G00
	SO12816	CNM4G00
	SO12773	CNM4G00
	SO12721	CNM4G00
	SO12629	CNM4G00
	SO12625	CNM4G00
	SO12580	CNM4G00
	SO12330	CNM4G00
CAR2004	SO12516	CNM4G00
	SO12474	CNM4G00
	SO12454	CNM4G00
	SO12406	CNM4G00
	SO12401	CNM4G00
	SO12381	CNM4G00
	SO12354	CNM4G00
	SO12347	CNM4G00
	SO12257	CNM4G00
	SO12200	CNM4G00
	SO12163	CNM4G00
CAR2003	SO12125	CNM4G00
	SO12051	CNM4G00
	SO12050	CNM4G00
	SO11959	CNM4G00
	SO11955	CNM4G00
	SO11898	CNM4G00
	SO11891	CNM4G00
	SO11875	CNM4G00
	SO11865	CNM4G00
	SO11762	CNM4G00
	SO10411	CNM4G00
CAR2002	SO11830	CNM4G00
	SO11821	CNM4G00
	SO11798	CNM4G00
	SO11683	CNM4G00
	SO11642	CNM4G00
	SO11632	CNM4G00
	SO11553	CNM4G00
	SO11361	CNM4G00
CAR2001	SO11122	CNM4G00
	SO11028	CNM4G00
CAR1912	SO10853	CNM4G00
	SO10849	CNM4G00
	SO10710	CNM4G00
	SO10680	CNM4G00
	SO10649	CNM4G00
	SO10588	CNM4G00

CA RS Level	Service	FMID
	SO10541	CNM4G00
CAR1911	SO10537	CNM4G00
	SO10497	CNM4G00
	SO10493	CNM4G00
	SO10484	CNM4G00
	SO10421	CNM4G00
	SO10382	CNM4G00
	SO10332	CNM4G00
	SO10326	CNM4G00
	SO10316	CNM4G00
	SO10269	CNM4G00
	SO10214	CNM4G00
	SO10209	CNM4G00
CAR1910	SO10206	CNM4G00
	SO10197	CNM4G00
	SO10143	CNM4G00
	SO10098	CNM4G00
	SO09844	CNM4G00
	SO09632	CNM4G00
CAR1909	SO09772	CNM4G00
	SO09681	CNM4G00
	SO09650	CNM4G00
	SO09607	CNM4G00
	SO09589	CNM4G00
	SO09537	CNM4G00
	SO08894	CNM4G00
CAR1908	SO09287	CNM4G00
	SO09281	CNM4G00
	SO09059	CNM4G00
	SO09013	CNM4G00
	SO08793	CNM4G00
CAR1907	SO08895	CNM4G00
	SO08743	CNM4G00
	SO08740	CNM4G00
	SO08698	CNM4G00
	SO08681	CNM4G00
	SO08674	CNM4G00
	SO08553	CNM4G00
	SO08544	CNM4G00
	SO08502	CNM4G00
	SO08485	CNM4G00
	SO08459	CNM4G00
	SO08228	CNM4G00