

SYSVIEW Performance Management 15.0  
CA RS 2208 Service List

1

| Service                                            | Description                                                  | Type      |
|----------------------------------------------------|--------------------------------------------------------------|-----------|
| LU06022                                            | IMSLOGR SHUTS DOWN WHEN IMS DEPENDENT REGION TERMINATES EOM  | PTF       |
| LU06245                                            | TN5608E USING MATCICS/MATMVS EVENT CAPTURES                  | ** PRP ** |
| LU06448                                            | SYSVIEW VTAM SESSION ABANDONED WHEN INTERRUPT IS ENCOUNTERED | PTF       |
| LU06554                                            | IMS TRANSACTION RECORD DL/I GU, GN COUNTS MAY BE INCORRECT   | PTF       |
| LU06612                                            | GSVX004E STORAGE OBTAIN ERROR ISSUING FRAMES COMMAND         | PTF       |
| The CA RS 2208 service count for this release is 5 |                                                              |           |

SYSVIEW Performance Management  
CA RS 2208 Service List for CNM4F00

2

| FMID                                            | Service | Description                                                  | Type      |
|-------------------------------------------------|---------|--------------------------------------------------------------|-----------|
| CNM4F00                                         | LU06022 | IMSLOGR SHUTS DOWN WHEN IMS DEPENDENT REGION TERMINATES EOM  | PTF       |
|                                                 | LU06245 | TN5608E USING MATCICS/MATMVS EVENT CAPTURES                  | ** PRP ** |
|                                                 | LU06448 | SYSVIEW VTAM SESSION ABANDONED WHEN INTERRUPT IS ENCOUNTERED | PTF       |
|                                                 | LU06554 | IMS TRANSACTION RECORD DL/I GU, GN COUNTS MAY BE INCORRECT   | PTF       |
|                                                 | LU06612 | GSVX004E STORAGE OBTAIN ERROR ISSUING FRAMES COMMAND         | PTF       |
| The CA RS 2208 service count for this FMID is 5 |         |                                                              |           |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LU06022 | <p>LU06022 M.C.S. ENTRIES = ++PTF (LU06022)</p> <p>IMSLOGR SHUTS DOWN WHEN IMS DEPENDENT REGION TERMINATES EOM</p> <p>PROBLEM DESCRIPTION:</p> <p>If an IMS Dependent region abends and results in the corresponding IMSLOGR task abending and shutting down in SYSVIEW, an automatic restart of the SYSVIEW IMS Logger does not occur and requires a manual start.</p> <p>SYMPTOMS:</p> <p>IMS Dependent region abends and is restarted but the IMS Logger is not active. When detected, a manual start is required to get the Logger active.</p> <p>IMPACT:</p> <p>Loss of collected data if the IMS Logger is not active.</p> <p>CIRCUMVENTION:</p> <p>Automation could be implemented to detect the IMS Logger being shutdown and automatically issuing a start.</p> <p>PRODUCT(S) AFFECTED:</p> <p>SYSVIEW Performance Management Version 15.0</p> <p>SYSVIEW Performance Management Version 16.0</p> <p>Related Problem:</p> <p>SYSVW 16855</p> <p>(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00232-NM4150</p> <p>DESC(IMSLOGR SHUTS DOWN WHEN IMS DEPENDENT REGION TERMINATES EOM).</p> <p>++VER (Z038)</p> <p>FMID (CNM4F00)</p> <p>PRE ( LU00396 LU00736 LU02317 LU03128 R097598 R099412 S000378</p> <p>S001737 S003940 S004675 S006572 S007946 S008304 S008342</p> <p>S008657 S010237 S010452 S010611 S011682 S012623 S014078</p> <p>S014840 S015285 S015309 )</p> <p>SUP ( LT05975 LT06022 LU05975 )</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LU06245 | <p>LU06245 M.C.S. ENTRIES = ++PTF (LU06245)</p> <p>TN5608E USING MATCICS/MATMVS EVENT CAPTURES</p> <p>PROBLEM DESCRIPTION:</p> <p>When a SYSVIEW CLIST or CAPTURE member issues a subsequent CLIST command, clist variables from the first clist are used in the second clist. As a result, the same set of parameter variable values are in effect for both clists, rather than each clist having their own set of variables.</p> <p>For example, referencing the &amp;1 variable in the second clist would get the value of &amp;1 from the first clist.</p> <p>Problem only occurs with the following PTF applied:</p> <p>LU05345 - SYSVIEW 15.0</p> <p>LU05311 - SYSVIEW 16.0</p> <p>SYMPTOMS:</p> <p>In the reported case, trying to trigger an event capture from a threshold to initiate a Mainframe Application Tuner (MAT) monitor session for a job or a CICS transaction fails.</p> <p>Triggering the MATMVS or MATCICS event captures from a threshold fail with the error messages below, respectively, which appear in the SYSVUSER job log. This is caused by the capture's clist variable values being used in the subsequent CAMAT clist, instead of CAMAT getting its own set of clist variables.</p> <p>TN5608E Keyword xxxx is not defined (xxxx = MVS system name)</p> <p>-or-</p> <p>TN5608E Keyword xxxxxxxx is not defined (xxxxxxx = CICS jobname)</p> <p>The MAT line command on the CTASKS command display is not affected by this problem since it invokes the CAMAT clist directly and not from another clist or capture member.</p> <p>IMPACT:</p> <p>Cannot trigger a MAT monitor session from a threshold.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>SYSVIEW Performance Management Version 15.0</p> <p>SYSVIEW Performance Management Version 16.0</p> <p>Related Problem:</p> <p>SYSVW 17430</p> <p>(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00236-NM4150</p> <p>DESC(TN5608E USING MATCICS/MATMVS EVENT CAPTURES).</p> <p>++VER (Z038)</p> <p>FMID (CNM4F00)</p> <p>PRE ( LU05345 R097598 S000378 S001737 S006572 S012701 )</p> <p>SUP ( AL05345 LT06245 )</p> <p>++HOLD (LU06245) SYSTEM FMID(CNM4F00)</p> <p>REASON (RESTART) DATE (22187)</p> <p>COMMENT (</p> <p>+-----+</p> <p>  SYSVIEW Performance Management Version 15.0  </p> <p>+-----+</p> <p> SEQUENCE   After Apply  </p> <p>+-----+</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <pre>  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. ) </pre> |

| Service                        | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                |              |                                |              |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------|--------------------------------|--------------|
| LU06448                        | <p>LU06448 M.C.S. ENTRIES = ++PTF (LU06448)</p> <p>SYSVIEW VTAM SESSION ABANDONED WHEN INTERRUPT IS ENCOUNTERED</p> <p>PROBLEM DESCRIPTION:</p> <p>If an interrupt is encountered while a SYSVUSER VTAM session is processing a long running command, it is possible the session will not terminate until cancelled or SYSVUSER is shutdown.</p> <p>SYMPTOMS:</p> <p>User sees multiple SYSVUSER VTAM sessions active when only one is in use.</p> <p>IMPACT:</p> <p>Session still active but not in use.</p> <p>CIRCUMVENTION:</p> <p>None</p> <p>PRODUCT(S) AFFECTED:</p> <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> <p>Related Problem:</p> <p>SYSVW 17488</p> <p>(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00238-NM4150</p> <p>DESC(SYSVIEW VTAM SESSION ABANDONED WHEN INTERRUPT IS ENCOUNTERED).</p> <p>++VER (Z038)</p> <p>FMID (CNM4F00)</p> <p>PRE ( S006572 S009430 )</p> <p>SUP ( LT06448 )</p> | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LU06554 | <p>LU06554 M.C.S. ENTRIES = ++PTF (LU06554)</p> <p>IMS TRANSACTION RECORD DL/I GU, GN COUNTS MAY BE INCORRECT</p> <p>PROBLEM DESCRIPTION:</p> <p>The recording of data for IMS transactions initiated by the MQ Trigger Monitor was being terminated prematurely before the transaction actually ended. The problem was specific to transactions that are making explicit checkpoint calls.</p> <p>SYMPTOMS:</p> <p>The IMS Transaction Detail SMF record contained an unexpected low number of GU (Get Unique) and GN (Get Next) DL/I counts. Additionally, the total processing and CPU time were lower that expected.</p> <p>IMPACT:</p> <p>Measurements recorded in the IMS Transaction Detail SMF record may not be accurate.</p> <p>CIRCUMVENTION:</p> <p>The data should be available in the IMS Region Summary SMF record, but may not be at the transaction level for PWFI (Pseudo-Wait-For-Input) regions.</p> <p>PRODUCT(S) AFFECTED:</p> <p>SYSVIEW Performance Management Version 15.0</p> <p>SYSVIEW Performance Management Version 16.0</p> <p>Related Problem:</p> <p>SYSVW 16959</p> <p>(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00239-NM4150</p> <p>DESC(IMS TRANSACTION RECORD DL/I GU, GN COUNTS MAY BE INCORRECT).</p> <p>++VER (Z038)</p> <p>FMID (CNM4F00)</p> <p>PRE ( LU02014 LU06022 R097598 R098752 R099412 S000378 S001093</p> <p>S001737 S005461 S006572 S007946 S013241 )</p> <p>SUP ( LT06554 )</p> |

| Service | Details                                                                                                                                                                                              |                     |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| LU06612 | LU06612 M.C.S. ENTRIES = ++PTF (LU06612)                                                                                                                                                             |                     |
|         | GSVX004E STORAGE OBTAIN ERROR ISSUING FRAMES COMMAND                                                                                                                                                 |                     |
|         | PROBLEM DESCRIPTION:                                                                                                                                                                                 |                     |
|         | When issuing the FRAMES command in an environment with a large amount of real storage, message GSVX004E STORAGE OBTAIN is received. The reported environment had 1 terabyte of real storage defined. |                     |
|         | SYMPTOMS:                                                                                                                                                                                            |                     |
|         | Issuing the FRAMES command generates message                                                                                                                                                         |                     |
|         | GSVX004E STORAGE OBTAIN failed rc 04 from GSVKFRAM+000658 INIT\$\$ len                                                                                                                               |                     |
|         | IMPACT:                                                                                                                                                                                              |                     |
|         | User session terminates.                                                                                                                                                                             |                     |
|         | CIRCUMVENTION:                                                                                                                                                                                       |                     |
|         | None.                                                                                                                                                                                                |                     |
|         | PRODUCT(S) AFFECTED:                                                                                                                                                                                 |                     |
|         | SYSVIEW Performance Management                                                                                                                                                                       | Version 15.0        |
|         | SYSVIEW Performance Management                                                                                                                                                                       | Version 16.0        |
|         | Related Problem:                                                                                                                                                                                     |                     |
|         | SYSVW 17746                                                                                                                                                                                          |                     |
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|         | R00241-NM4150                                                                                                                                                                                        |                     |
|         | DESC(GSVX004E STORAGE OBTAIN ERROR ISSUING FRAMES COMMAND).                                                                                                                                          |                     |
|         | ++VER (Z038)                                                                                                                                                                                         |                     |
|         | FMID (CNM4F00)                                                                                                                                                                                       |                     |
|         | PRE ( S006572 )                                                                                                                                                                                      |                     |
|         | SUP ( LT06612 )                                                                                                                                                                                      |                     |
|         | MCS LU06022                                                                                                                                                                                          | STARTS ON PAGE 0002 |
|         | MCS LU06245                                                                                                                                                                                          | STARTS ON PAGE 0003 |
|         | MCS LU06448                                                                                                                                                                                          | STARTS ON PAGE 0004 |
|         | MCS LU06554                                                                                                                                                                                          | STARTS ON PAGE 0005 |
|         | MCS LU06612                                                                                                                                                                                          | STARTS ON PAGE 0006 |

| Product Family                                               | Product                           | Release  |
|--------------------------------------------------------------|-----------------------------------|----------|
| Systems Management                                           | CA SYSVIEW PERFORMANCE MANAGEMENT | 15.00.00 |
| The CA RS 2208 Product/Component Count for this release is 1 |                                   |          |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| CAR2208     | LU06612 | CNM4F00 |
|             | LU06554 | CNM4F00 |
|             | LU06448 | CNM4F00 |
|             | LU06245 | CNM4F00 |
|             | LU06022 | CNM4F00 |
| 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 |
|             | LU03524 | CNM4F00 |
| CAR2111     | LU03236 | CNM4F00 |
|             | LU03128 | CNM4F00 |
|             | LU03061 | CNM4F00 |
|             | LU02999 | CNM4F00 |
|             | LU02967 | CNM4F00 |
|             | LU02967 | CNM4F00 |
| CAR2110     | LU02920 | CNM4F00 |
|             | LU02797 | CNM4F00 |
|             | LU02750 | CNM4F00 |
|             | LU02737 | CNM4F00 |
|             | LU02566 | CNM4F00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| CAR2109     | LU02368 | CNM4F00 |
|             | LU02317 | CNM4F00 |
|             | LU02266 | CNM4F00 |
| CAR2108     | LU02014 | CNM4F00 |
|             | LU01973 | CNM4F00 |
| 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 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S013127 | CNM4F00 |
| CAR2008     | S014129 | CNM4F00 |
|             | S014078 | CNM4F00 |
|             | S013997 | CNM4F00 |
|             | S013993 | CNM4F00 |
|             | 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 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S011682 | CNM4F00 |
|             | S011610 | CNM4F00 |
|             | S011509 | CNM4F00 |
|             | S011379 | CNM4F00 |
| CAR2001     | S010925 | CNM4F00 |
| 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 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S007537 | CNM4F00 |
| CAR1904     | S007779 | CNM4F00 |
|             | S007714 | CNM4F00 |
|             | S007701 | CNM4F00 |
|             | S007692 | CNM4F00 |
|             | 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 |