

Workload Automation CA 7 Edition 12.0  
CA RS 2201 Service List

1

| Service                                            | Description                      | Type |
|----------------------------------------------------|----------------------------------|------|
| LU02676                                            | ADD SUPPORT TO SPIN LOGGER FILES | PTF  |
| The CA RS 2201 service count for this release is 1 |                                  |      |

Workload Automation CA 7 Edition  
CA RS 2201 Service List for CD51C00

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| FMID                                            | Service | Description                      | Type |
|-------------------------------------------------|---------|----------------------------------|------|
| CD51C00                                         | LU02676 | ADD SUPPORT TO SPIN LOGGER FILES | PTF  |
| The CA RS 2201 service count for this FMID is 1 |         |                                  |      |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| LU02676 | <p>LU02676 M.C.S. ENTRIES = ++PTF (LU02676)</p> <p>ADD SUPPORT TO SPIN LOGGER FILES</p> <p>PROBLEM DESCRIPTION:</p> <p>Add new LOGGERxx parmlib keyword LOGLINES to spin a new logger file when it reaches the specified maximum number of lines. For example:</p> <p>LOGDD(ddname) TIMESTAMP(YES) LOGLINES(40000)</p> <p>Add new LOGGERxx parmlib keyword WRAPLINES to keep the most recent lines in a wrap around area in memory for Broadcom support to access in a machine readable dump. For example:</p> <p>LOGDD(ddname) TIMESTAMP(YES) WRAPLINES(500)</p> <p>The logger TIMESTAMP format will change to a format that is easier to find data for a given date and time.</p> <p>From: hh:mm:ss ccyymmdd</p> <p>To: ccyymmdd hh:mm:ss</p> <p>SYMPTOMS:</p> <p>None</p> <p>IMPACT:</p> <p>Customers who have a SYSOUT archive product that only retains the first number of lines per SYSOUT lose debugging output.</p> <p>CIRCUMVENTION:</p> <p>None</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA General Transaction Server Release 12.0</p> <p>Related Problem:</p> <p>GTS 14129</p> <p>Copyright (C) 2021 CA. All rights reserved. R00011-D51120-SP1</p> <p>DESC(ADD SUPPORT TO SPIN LOGGER FILES).</p> <p>++VER (Z038)</p> <p>FMID (CD51C00)</p> <p>SUP ( LT02676 )</p> <p>++HOLD (LU02676) SYSTEM FMID(CD51C00)</p> <p>REASON (DOC ) DATE (21335)</p> <p>COMMENT (</p> <pre> +-----+        CA General Transaction Server      Release 12.0        +-----+ ***** *          PUBLICATION          * ***** Updates to the CA General Transaction Server - Message Reference Guide CAGS01820W Cannot allocate &lt;dsn&gt; to DD &lt;ddname&gt; DYNALLOC RC=&lt;rc&gt;, S99ERROR=&lt;error&gt; S99INFO=&lt;info&gt; Reason: The CA GTS logger component attempted to allocate the data set &lt;dataset&gt; to the DD statement for logging purposes. The MVS DYNALLOC service returned the displayed &lt;rc&gt;, &lt;error&gt; and &lt;info code&gt;. Action: Review DYNALLOC Return Codes for possible reasons for the </pre> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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|         | <p>failure, see the MVS Programming: Authorized Assembler Services Guide.</p> <p>CAGS01830W</p> <p>Error retrieving info for &lt;dd&gt;, DYNALLOC RC=&lt;rc&gt; S99ERROR=&lt;error&gt; S99INFO=&lt;info&gt;</p> <p>Reason:</p> <p>The CA GTS logger component failed attempted an information request while spinning a LOGGER file.</p> <p>Action:</p> <p>Review DYNALLOC Return Codes for possible reasons for the failure, see the MVS Programming: Authorized Assembler Services Guide.</p> <p>CAGS01921W</p> <p>Parse failed for &lt;field&gt; - must be numeric</p> <p>Reason:</p> <p>Invalid value for field was specified</p> <p>Action:</p> <p>Correct the field to be numeric</p> <p>CAGS01922W</p> <p>TSFORMAT parsing error</p> <p>Reason:</p> <p>Invalid value for the TSFORMAT field was specified</p> <p>Action:</p> <p>Correct the field to be SORT or CLASSIC</p> <p>CAGS02190I</p> <p>DD: &lt;name&gt;, DSN: &lt;dataset&gt;</p> <p>Reason:</p> <p>This message is issued in response to the LOGGER INFO console command. One message appears per logger DD allocation. The line displays the characteristics of the allocation. Further allocation information can follow.</p> <p>Action:</p> <p>None.</p> <p>CAGS02181I</p> <p>TimeStamp format: SORT CLASSIC</p> <p>Reason:</p> <p>This message shows Time Stamp format of the logger files. Broadcom level 2 support prefers the default of SORT.</p> <p>Action:</p> <p>None</p> <p>CAGS02191I</p> <p>DSORG: &lt;dsorg&gt;, DISP: &lt;disposition&gt;, TYPE: &lt;type&gt;</p> <p>Reason:</p> <p>This message is issued in response to the LOGGER INFO console command. One message appears per logger DD allocation. The line displays the characteristics of the allocation. Further allocation information can follow.</p> <p>Action:</p> <p>None.</p> <p>CAGS02200I</p> <p>LRCL: &lt;lrecl&gt;, BLKSIZE: &lt;blksize&gt;, RECFM: &lt;recfm&gt;, &lt;status&gt; &lt;error&gt;</p> <p>Reason:</p> <p>This message is issued in response to the LOGGER INFO console command. One message appears per logger DD allocation. The line</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <p>displays the characteristics of the allocation. Further allocation information can follow.</p> <p>Action:</p> <p>None.</p> <p>CAGS02201I</p> <p>Timestamp: &lt;timestamp&gt; Records: &lt;records&gt; WrapLines: &lt;lines&gt;</p> <p>Reason:</p> <p>This message is issued in response to the LOGGER INFO console command. One message appears per logger DD allocation. The line displays the characteristics of the allocation. Further allocation information can follow.</p> <p>Action:</p> <p>None.</p> <p>CAGS02301I</p> <p>End of SYSOUT for DD: &lt;dd&gt; - new SYSOUT will be allocated</p> <p>Reason:</p> <p>This file was defined with a LOGLINES limit which has been reached.</p> <p>Action:</p> <p>None.</p> <p>CAGS02302I</p> <p>Start of SYSOUT for DD: &lt;dd&gt;</p> <p>Reason:</p> <p>This file has been spun and this is the first record written to the new SYSOUT for this file.</p> <p>Action:</p> <p>None.</p> <p>CAGS02303I</p> <p>LOGLINES ignored for DD: &lt;dd&gt; Type: &lt;type&gt;</p> <p>Reason:</p> <p>The LOGLINES parameter is only valid for SYSOUT files.</p> <p>Action:</p> <p>Either remove the LOGLINES parameter from this definition or change this file to be SYSOUT.</p> <p>CAGS02304I</p> <p>Logger spin failed for DD: &lt;dd&gt; - &lt;type&gt; RC: &lt;rc&gt;</p> <p>Reason:</p> <p>The Spin function failed performing the &lt;type&gt; function.</p> <p>Action:</p> <p>Research the RC for the type function.</p> <p>CAGS02305I</p> <p>Logger spin number &lt;num&gt; complete for DD: &lt;dd&gt; at &lt;num&gt; records</p> <p>Reason:</p> <p>The Spin function has completed</p> <p>Action:</p> <p>None.</p> <p>CAGS02306I</p> <p>Using SYSOUT=* for DD: &lt;dd&gt; after error accessing &lt;data&gt; area</p> <p>Reason:</p> <p>The logger Spin function failed to determine the SYSOUT class of the current SYSOUT allocation while trying to access the &lt;data&gt; area.</p> <p>SYSOUT=* will be used instead of the current SYSOUT allocation when spinning the LOGGER file.</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <p>Action:</p> <p>Research the data area in error</p> <p>CAGS02307I</p> <p>Using SYSOUT=* for DD: &lt;dd&gt; after &lt;type&gt; error RC: &lt;rc&gt;</p> <p>Reason:</p> <p>The logger Spin function failed to determine the SYSOUT class of the current SYSOUT allocation while using the &lt;type&gt; function.</p> <p>SYSOUT=* will be used instead of the current SYSOUT allocation when spinning the LOGGER file.</p> <p>Action:</p> <p>Research the failing function type in the IBM Assembler manual.</p> <p>CAGS02308I</p> <p>Logger Spin using class: &lt;class&gt; for DD: &lt;dd&gt;</p> <p>Reason:</p> <p>The Spin function determined the SYSOUT class &lt;class&gt; for the current allocation of the &lt;dd&gt; file and is using it.</p> <p>Action:</p> <p>None.</p> <p>Updates to the CA General Transaction Server - User Guide</p> <p>LOGGER00 member of parmlib</p> <p>LOGLINES</p> <p>Specifies the maximum number of lines to be written to the logger file. This is only valid for logger files that are SYSOUT files. When the maximum number of lines are written, the current SYSOUT file will be closed and a new SYSOUT file will be allocated and LOGGER output will continue to be written to the new SYSOUT file.</p> <p>When this field is not specified, there is no maximum number of lines written to the file.</p> <p>WRAPLINES</p> <p>Specifies the number of lines of the logger file to be kept in memory for debugging by Broadcom support. This is a wrap around table of the most recent lines written to the logger file.</p> <p>TSFORMAT</p> <p>Specifies the format of the Logger file Time Stamp. Broadcom support recommends using the default of TSFORMAT(SORT).</p> <p>).</p> <p>MCS LU02676 STARTS ON PAGE 0002</p> |

| Product Family                                               | Product                       | Release  |
|--------------------------------------------------------------|-------------------------------|----------|
| Scheduling                                                   | CA INTERACTIVE AGENT SERVICES | 12.00.00 |
|                                                              | CA WA CA 7 EDITION            | 12.00.00 |
|                                                              | CA CRITICAL PATH MONITOR      | 11.00.00 |
| Systems Management                                           | CA GENERAL TRANSACTION SERVER | 12.00.00 |
| The CA RS 2201 Product/Component Count for this release is 4 |                               |          |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| CAR2201     | LU02676 | CD51C00 |
| CAR2111     | LU03242 | CAL2C00 |
| CAR2109     | LU02393 | CAL2C00 |
| CAR2108     | LU02085 | CAL2C00 |
|             | LU02028 | CAL2C00 |
|             | LU01955 | CAL2C00 |
| CAR2107     | LU01616 | CAL2C00 |
| CAR2104     | LU00497 | CAL2C00 |
|             | LU00464 | CAL2C00 |
|             | LU00445 | CAL2C00 |
| CAR2103     | S015897 | CAL2C00 |
| CAR2102     | S016023 | CAL2C00 |
| CAR2012     | S015353 | CAL2C00 |
| CAR2011     | S015222 | CIASC00 |
|             | S014981 | CAL2C00 |
| CAR2010     | S014718 | CAL2C01 |
|             | S014671 | CIASC00 |
|             | S014654 | CAL2C00 |
|             | S014524 | CAL2C00 |
| CAR2009     | S014002 | CAL2C01 |
| CAR2008     | S013847 | CAL2C00 |
|             | S013601 | CD51C00 |
| CAR2006     | S012837 | CAL2C00 |
|             | S012696 | CAL2C00 |
| CAR2005     | S012990 | CAL2C00 |
|             | S012881 | CAL2C00 |
|             | S012633 | CD51C00 |
|             | S012227 | CAL2C01 |
| CAR2003     | S012081 | CAL2C00 |
|             | S011881 | CAL2C01 |
|             | S011864 | CAL2C00 |
|             | S011853 | CAL2C01 |
|             | S011852 | CAL2C00 |
| CAR2002     | S011505 | CAL2C00 |
|             | S011496 | CAL2C00 |
|             | S011399 | CAL2C00 |
|             | S009214 | CAL2C00 |
|             | S009196 | CIASC00 |
| CAR2001     | S011147 | CAL2C00 |
| CAR1912     | S010885 | CAL2C00 |
|             | S010691 | CAL2C00 |
|             | S010590 | CAL2C00 |
|             | S010584 | CAL2C00 |
|             | S010341 | CAL2C00 |
| CAR1911     | S010221 | CAL2C00 |
|             | S010210 | CAL2C00 |
|             | S010187 | CAL2C00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S010170 | CAL2C01 |
|             | S010169 | CAL2C00 |
|             | S010030 | CAL2C00 |
| CAR1910     | S010146 | CAL2C00 |
|             | S010068 | CAL2C00 |
|             | S009912 | CAL2C00 |
|             | S009845 | CAL2C00 |
|             | S009832 | CAL2C00 |
|             | S009806 | CAL2C00 |
|             | S009604 | CAL2C00 |
|             | S009596 | CAL2C00 |
|             | S009457 | CAL2C01 |
| CAR1909     | S009793 | CAL2C00 |
|             | S009788 | CAL2C01 |
|             | S009619 | CAL2C00 |
|             | S009538 | CAL2C00 |
| CAR1908     | S009289 | CAL2C00 |
|             | S009103 | CAL2C00 |
|             | S009040 | CAL2C00 |
|             | S008947 | CAL2C00 |
| CAR1907     | S008828 | CAL2C00 |
|             | S008624 | CAL2C00 |
|             | S008612 | CAL2C00 |
|             | S008416 | CAL2C00 |
|             | S008235 | CAL2C00 |
|             | S008140 | CAL2C00 |
|             | S007964 | CAL2C00 |
|             | S006514 | CAL2C01 |
|             | S006513 | CAL2C00 |
|             | S006072 | CAL2C01 |
| CAR1906     | S008327 | CAL2C00 |
|             | S008318 | CAL2C00 |
|             | S008288 | CAL2C00 |
|             | S008197 | CAL2C00 |
|             | S007643 | CAL2C00 |
| CAR1905     | S007994 | CAL2C00 |
|             | S007498 | CAL2C00 |
|             | S007362 | CAL2C00 |
| CAR1904     | S007604 | CAL2C00 |
|             | S007499 | CAL2C00 |
|             | S007225 | CAL2C00 |
|             | S006637 | CAL2C00 |
|             | S006448 | CAL2C00 |
| CAR1903     | S007442 | CAL2C00 |
|             | S007385 | CAL2C00 |
| CAR1902     | S006784 | CAL2C00 |
|             | S006598 | CAL2C00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S006591 | CAL2C00 |
| CAR1901     | S006216 | CAL2C00 |
| CAR1812     | S005910 | CAL2C00 |
|             | S005853 | CAL2C00 |
|             | S004423 | CAL2C00 |
| CAR1811     | S006030 | CAL2C00 |
|             | S005860 | CAL2C00 |
|             | S005728 | CAL2C00 |
|             | S005658 | CAL2C00 |
|             | S005553 | CAL2C00 |
|             | R088556 | CD51C00 |
|             | R069017 | CAL2C00 |
| CAR1810     | S005550 | CAL2C00 |
|             | S005397 | CAL2C00 |
|             | S005341 | CAL2C00 |
|             | S005098 | CAL2C00 |
|             | S005038 | CAL2C00 |
|             | S004888 | CAL2C00 |
|             | S004390 | CAL2C00 |
| CAR1809     | S005061 | CAL2C00 |
|             | S004802 | CAL2C00 |
|             | S004800 | CAL2C00 |
|             | S004751 | CAL2C00 |
|             | S004554 | CAL2C00 |
|             | S003715 | CAL2C00 |
| CAR1808     | S004644 | CAL2C00 |
|             | S004629 | CAL2C00 |
|             | S004569 | CAL2C01 |
|             | S004549 | CIASC00 |
|             | S004512 | CAL2C01 |
|             | S004511 | CAL2C00 |
|             | S004510 | CAL2C01 |
|             | S004452 | CAL2C01 |
|             | S004393 | CAL2C00 |
|             | S004381 | CAL2C00 |
|             | S003725 | CAL2C00 |
| CAR1807     | S004079 | CAL2C00 |
|             | S004063 | CAL2C00 |
|             | S003996 | CAL2C00 |
|             | S003776 | CAL2C00 |
|             | S001883 | CIASC00 |
| CAR1806     | S001789 | CAL2C00 |
|             | S001767 | CAL2C00 |
|             | S001530 | CAL2C00 |
|             | S000921 | CAL2C00 |
|             | S000800 | CIASC00 |
|             | S000299 | CAL2C00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| CAR1805     | S001541 | CAL2C00 |
|             | S001372 | CAL2C00 |
|             | S001282 | CAL2C00 |
|             | S001189 | CAL2C00 |
|             | S000681 | CIASC00 |
| CAR1804     | S001166 | CAL2C00 |
|             | S000679 | CAL2C00 |
|             | S000645 | CAL2C00 |
|             | S000580 | CAL2C00 |
|             | S000412 | CAL2C00 |
|             | S000331 | CIASC00 |
|             | S000269 | CAL2C00 |
| CAR1803     | S000454 | CAL2C00 |
|             | S000163 | CAL2C00 |
|             | R099654 | CAL2C00 |
|             | R099327 | CAL2C00 |
|             | R098770 | CAL2C00 |
|             | R098388 | CAL2C00 |
|             |         |         |
| CAR1802     | S000123 | CAL2C00 |
|             | R099995 | CAL2C00 |
|             | R099994 | CAL2C00 |
|             | R099992 | CAL2C00 |
|             | R099973 | CAL2C00 |
|             | R099715 | CAL2C00 |
|             | R099697 | CAL2C00 |
|             | R099593 | CAL2C00 |
|             | R099486 | CAL2C00 |
|             | R097207 | CAL2C00 |
|             |         |         |
|             |         |         |
| CAR1801     | R099497 | CAL2C00 |
|             | R099376 | CAL2C00 |
| CAR1712     | R099260 | CAL2C00 |
|             | R099089 | CAL2C00 |
|             | R098992 | CAL2C00 |
|             | R098700 | CAL2C00 |
|             | R096956 | CAL2C01 |
| CAR1711     | R098391 | CAL2C00 |
|             | R098350 | CAL2C00 |
|             | R097880 | CAL2C00 |
|             | R097774 | CAL2C00 |
|             | R097701 | CAL2C00 |
|             | R097662 | CAL2C00 |
| CAR1710     | R098049 | CAL2C00 |
|             | R097837 | CAL2C01 |
|             | R097765 | CAL2C00 |
|             | R097758 | CAL2C00 |
|             | R097435 | CAL2C01 |
|             | R097424 | CAL2C00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | R095113 | CAL2C00 |
| CAR1709     | R097742 | CAL2C00 |
|             | R097693 | CAL2C00 |
|             | R097496 | CAL2C00 |
|             | R097481 | CAL2C00 |
|             | R097468 | CAL2C00 |
|             | R097415 | CAL2C00 |
|             | R097414 | CAL2C00 |
|             | R097353 | CAL2C00 |
|             | R096845 | CAL2C00 |
|             | R096803 | CAL2C00 |
|             | R096721 | CAL2C00 |
|             | R095870 | CAL2C00 |
| CAR1708     | R097233 | CAL2C00 |
|             | R097081 | CAL2C00 |
|             | R097069 | CAL2C00 |
|             | R096634 | CAL2C00 |
|             | R096525 | CAL2C00 |
| CAR1707     | R096618 | CAL2C00 |
|             | R096555 | CAL2C00 |
|             | R096500 | CAL2C00 |
|             | R096498 | CAL2C01 |
|             | R096488 | CAL2C00 |
|             | R096405 | CAL2C00 |
|             | R096402 | CAL2C01 |
|             | R096288 | CAL2C00 |
|             | R096080 | CAL2C00 |
|             | R095935 | CAL2C00 |
|             | R095383 | CAL2C00 |
|             | R095050 | CIASC00 |
|             | R094462 | CAL2C00 |
|             | R091505 | CAL2C00 |
| CAR1706     | R096376 | CAL2C00 |
|             | R096272 | CAL2C00 |
|             | R096032 | CAL2C00 |
|             | R096020 | CAL2C00 |
|             | R095937 | CAL2C00 |
|             | R095853 | CAL2C00 |
|             | R095736 | CAL2C00 |
|             | R095546 | CAL2C00 |
|             | R095387 | CAL2C00 |
|             | R094604 | CAL2C01 |
| CAR1705     | R095639 | CAL2C00 |
|             | R095638 | CAL2C00 |
|             | R095290 | CAL2C00 |
|             | R095012 | CAL2C00 |
|             | R094974 | CAL2C00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| CAR1704     | R095115 | CAL2C00 |
|             | R094993 | CIASC00 |
|             | R094967 | CAL2C00 |
|             | R094937 | CAL2C00 |
|             | R094917 | CAL2C00 |
|             | R094752 | CAL2C00 |
|             | R094684 | CAL2C00 |
|             | R094618 | CAL2C00 |
|             | R094318 | CAL2C00 |
|             | R094163 | CAL2C00 |
|             | R093952 | CAL2C00 |
|             |         |         |
|             |         |         |
|             |         |         |
| CAR1703     | R094048 | CAL2C00 |
|             | R093709 | CAL2C00 |
|             | R093540 | CAL2C00 |
| CAR1702     | R094055 | CIASC00 |
|             | R094033 | CAL2C00 |
|             | R094003 | CAL2C00 |
|             | R093987 | CIASC00 |
|             | R093907 | CAL2C00 |
|             | R093888 | CAL2C00 |
|             | R093755 | CAL2C00 |
|             | R093728 | CAL2C00 |
|             | R093645 | CAL2C00 |
|             | R093208 | CAL2C00 |
|             | R093133 | CAL2C00 |
|             | R093081 | CAL2C00 |
|             | R092717 | CAL2C00 |
|             |         |         |
| CAR1701     | R093449 | CAL2C01 |
|             | R093448 | CAL2C00 |
|             | R093424 | CAL2C00 |
|             | R093218 | CAL2C00 |
|             | R093022 | CIASC00 |
| CAR1612     | R093094 | CIASC00 |
|             | R093082 | CAL2C00 |
|             | R093014 | CAL2C00 |
|             | R093007 | CAL2C00 |
|             | R092915 | CAL2C00 |
|             | R092828 | CAL2C00 |
|             | R092735 | CAL2C00 |
|             | R092721 | CIASC00 |
|             | R092720 | CIASC00 |
|             | R092719 | CIASC00 |
|             | R092718 | CIASC00 |
|             | R092713 | CAL2C00 |
|             | R092625 | CAL2C00 |
|             | R092618 | CAL2C00 |
|             | R092324 | CAL2C00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| CAR1611     | R092530 | CAL2C00 |
|             | R092451 | CAL2C00 |
|             | R092240 | CAL2C00 |
|             | R092169 | CAL2C00 |
|             | R092158 | CAL2C00 |
|             | R092026 | CAL2C00 |
|             | R091551 | CAL2C00 |
|             | R091472 | CAL2C00 |
|             |         |         |
| CAR1610     | R092147 | CAL2C00 |
|             | R092024 | CAL2C00 |
|             | R092015 | CAL2C00 |
|             | R091815 | CAL2C00 |
|             | R091714 | CAL2C00 |
|             | R091204 | CAL2C00 |
|             | R091084 | CIASC00 |
|             | R090828 | CAL2C00 |
|             |         |         |
| CAR1609     | R091747 | CAL2C00 |
|             | R091572 | CAL2C00 |
|             | R091567 | CIASC00 |
|             | R091471 | CAL2C00 |
|             | R091339 | CAL2C00 |
|             | R091305 | CAL2C00 |
|             | R091290 | CAL2C00 |
|             | R091145 | CAL2C00 |
|             | R090321 | CAL2C00 |
| CAR1608     | R091072 | CAL2C00 |
|             | R090998 | CAL2C00 |
|             | R090851 | CAL2C00 |
|             | R090830 | CAL2C00 |
|             | R090723 | CAL2C00 |
|             | R090181 | CAL2C00 |
|             |         |         |
| CAR1607     | R090781 | CAL2C00 |
|             | R090356 | CAL2C00 |
|             | R090338 | CAL2C00 |
|             | R090307 | CAL2C00 |
|             | R090278 | CAL2C00 |
|             | R090254 | CAL2C00 |
|             | R089868 | CAL2C00 |
|             |         |         |
| CAR1606     | R090121 | CAL2C00 |
|             | R090056 | CAL2C00 |
|             | R089939 | CAL2C00 |
|             | R089712 | CAL2C00 |
|             | R089707 | CAL2C00 |
|             | R089696 | CAL2C00 |
|             | R089686 | CAL2C00 |
|             | R089500 | CAL2C00 |
|             | R088303 | CAL2C00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| CAR1605     | R089562 | CAL2C00 |
|             | R089561 | CAL2C00 |
|             | R089245 | CAL2C00 |
|             | R089181 | CAL2C00 |
|             | R089087 | CAL2C00 |
|             | R089080 | CAL2C00 |
|             | R088982 | CIASC00 |
|             | R088980 | CAL2C00 |
|             | R088933 | CAL2C00 |
|             | R088898 | CAL2C00 |
|             | R088861 | CIASC00 |
|             | R087507 | CAL2C00 |
| CAR1604     | R088965 | CAL2C00 |
|             | R088958 | CAL2C00 |
|             | R088782 | CAL2C00 |
|             | R088753 | CAL2C00 |
|             | R088703 | CAL2C00 |
|             | R088569 | CAL2C00 |
|             | R088334 | CAL2C00 |
| CAR1603     | R088354 | CAL2C00 |
|             | R088326 | CAL2C00 |
|             | R088313 | CAL2C00 |
|             | R088126 | CAL2C00 |
|             | R088094 | CAL2C01 |
|             | R088077 | CAL2C00 |
|             | R088060 | CAL2C01 |
|             | R087988 | CAL2C00 |
|             | R087853 | CAL2C01 |
|             | R087850 | CAL2C00 |
|             | R087674 | CAL2C00 |
|             | R087570 | CAL2C00 |
|             | R087448 | CAL2C00 |
|             | R087106 | CAL2C00 |
| CAR1602     | R087723 | CIASC00 |
|             | R087609 | CAL2C00 |
|             | R087470 | CAL2C00 |
|             | R087406 | CAL2C00 |
|             | R087153 | CAL2C00 |
|             | R087054 | CAL2C00 |
|             | R086891 | CAL2C00 |
|             | R086753 | CAL2C01 |
|             | R086674 | CAL2C00 |
|             | R085491 | CAL2C00 |
| CAR1601     | R087074 | CAL2C00 |
|             | R087007 | CAL2C00 |
|             | R086955 | CAL2C00 |
|             | R086892 | CAL2C00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | R086807 | CAL2C00 |
|             | R086804 | CAL2C00 |
|             | R086725 | CIASC00 |
|             | R086721 | CAL2C00 |
|             | R086568 | CAL2C00 |
|             | R085624 | CAL2C00 |
| CAR1512     | R086328 | CAL2C00 |
|             | R086181 | CAL2C00 |
|             | R086014 | CAL2C00 |
|             | R085952 | CAL2C00 |
|             | R085772 | CAL2C00 |
|             | R085737 | CAL2C00 |
|             | R085590 | CAL2C00 |
| CAR1511     | R085617 | CAL2C00 |
|             | R085555 | CAL2C00 |
|             | R085438 | CAL2C00 |
|             | R085404 | CIASC00 |
|             | R085399 | CAL2C00 |
|             | R085367 | CAL2C00 |
|             | R085180 | CAL2C00 |
|             | R085100 | CAL2C00 |
|             | R085012 | CAL2C00 |
|             | R085002 | CAL2C00 |
|             | R084944 | CAL2C00 |
|             | R084929 | CAL2C00 |
|             | R084896 | CAL2C00 |
|             | R084837 | CAL2C00 |
|             | R084666 | CAL2C00 |
|             | R084051 | CAL2C00 |
|             | R082770 | CAL2C00 |
| CAR1510     | R084729 | CAL2C00 |
|             | R084547 | CIASC00 |
|             | R084424 | CAL2C00 |
|             | R084406 | CAL2C00 |
|             | R084322 | CAL2C00 |
|             | R084289 | CAL2C01 |
|             | R084110 | CIASC00 |
|             | R084075 | CAL2C00 |
|             | R083943 | CAL2C00 |
|             | R083792 | CAL2C00 |
|             | R083635 | CAL2C01 |
|             | R083634 | CAL2C00 |
|             | R083090 | CIASC00 |
|             | R083089 | CAL2C00 |
|             | R082585 | CIASC00 |
|             | R080597 | CIASC00 |
|             | R079641 | CIASC00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | R079162 | CIASC00 |
|             | R079002 | CIASC00 |
|             | R079001 | CIASC00 |
|             | R079000 | CIASC00 |
|             | R077026 | CIASC00 |
|             | R077005 | CIASC00 |
|             | R073655 | CIASC00 |
| CAR1509     | R083715 | CAL2C00 |
|             | R083668 | CAL2C00 |
|             | R083572 | CAL2C00 |
|             | R083503 | CAL2C00 |
|             | R083480 | CAL2C01 |
|             | R083475 | CAL2C00 |
|             | R083410 | CAL2C00 |
|             | R083319 | CAL2C00 |
|             | R083095 | CAL2C00 |
|             | R082911 | CAL2C00 |
|             | R082692 | CAL2C00 |
| CAR1508     | R083083 | CAL2C00 |
|             | R082867 | CAL2C00 |
|             | R082824 | CAL2C00 |
|             | R082806 | CAL2C00 |
|             | R082802 | CAL2C00 |
|             | R082757 | CAL2C00 |
|             | R082691 | CAL2C00 |
|             | R082645 | CAL2C00 |
|             | R082635 | CAL2C00 |
|             | R082612 | CAL2C00 |
|             | R082609 | CAL2C00 |
|             | R082354 | CAL2C00 |
|             | R082025 | CAL2C01 |
| CAR1507     | R082471 | CAL2C01 |
|             | R082190 | CAL2C00 |
|             | R081929 | CAL2C00 |
|             | R081713 | CAL2C00 |
|             | R081656 | CAL2C00 |
|             | R081520 | CAL2C00 |
|             | R081376 | CAL2C00 |
|             | R081304 | CAL2C00 |
|             | R081145 | CAL2C00 |
|             | R081129 | CAL2C00 |
| CAR1506     | R081268 | CAL2C00 |
|             | R081181 | CAL2C00 |
|             | R081104 | CAL2C00 |
|             | R081056 | CAL2C00 |
|             | R080999 | CAL2C00 |
|             | R080994 | CAL2C00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | R080993 | CAL2C00 |
|             | R080802 | CAL2C00 |
|             | R080510 | CAL2C00 |
|             | R080331 | CAL2C00 |
|             | R079300 | CAL2C00 |
| CAR1505     | R080314 | CAL2C00 |
|             | R080311 | CAL2C00 |
|             | R080273 | CAL2C00 |
|             | R080005 | CAL2C00 |
|             | R079960 | CAL2C00 |
|             | R079720 | CAL2C00 |
|             | R079623 | CAL2C00 |
|             | R079612 | CAL2C00 |
|             | R079512 | CAL2C00 |
|             | R079445 | CAL2C00 |
|             | R079275 | CAL2C00 |
|             | R079158 | CAL2C00 |
|             | R079094 | CAL2C00 |
| CAR1504     | R079271 | CAL2C00 |
|             | R079141 | CAL2C00 |
|             | R079111 | CAL2C00 |
|             | R078985 | CAL2C00 |
|             | R078759 | CAL2C00 |
|             | R078637 | CAL2C00 |
|             | R078421 | CAL2C00 |
|             | R077992 | CAL2C00 |
|             | R077899 | CAL2C00 |
|             | R077737 | CAL2C00 |
| CAR1503     | R078448 | CAL2C00 |
|             | R078117 | CAL2C00 |
|             | R077845 | CAL2C00 |
| CAR1502     | R077672 | CAL2C00 |
|             | R077568 | CAL2C00 |
|             | R077343 | CAL2C00 |
|             | R077007 | CAL2C00 |
|             | R076996 | CAL2C00 |
| CAR1501     | R077025 | CAL2C00 |
|             | R076933 | CAL2C00 |
|             | R076638 | CAL2C00 |
|             | R076590 | CAL2C00 |
|             | R076560 | CAL2C00 |
|             | R076531 | CAL2C00 |
|             | R076502 | CAL2C00 |
|             | R076125 | CAL2C00 |
|             | R076115 | CAL2C00 |
|             | R075923 | CAL2C00 |
|             | R075839 | CAL2C00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| CAR1412     | R076284 | CAL2C00 |
|             | R076283 | CAL2C00 |
|             | R076168 | CAL2C00 |
|             | R076121 | CAL2C00 |
|             | R076113 | CAL2C00 |
|             | R075770 | CAL2C00 |
|             | R075762 | CAL2C00 |
|             | R075712 | CAL2C00 |
|             | R075248 | CAL2C00 |
|             | R075202 | CAL2C00 |
|             | R075047 | CAL2C00 |
|             | R075035 | CAL2C00 |
|             | R074815 | CAL2C00 |
| CAR1411     | R075051 | CAL2C00 |
|             | R074976 | CAL2C00 |
|             | R074921 | CAL2C00 |
|             | R074891 | CAL2C00 |
|             | R074691 | CAL2C00 |
|             | R074690 | CAL2C00 |
|             | R074450 | CAL2C00 |
|             | R074390 | CAL2C00 |
|             | R074323 | CAL2C00 |
|             | R074115 | CAL2C00 |
|             | R074000 | CAL2C00 |
|             | R073654 | CAL2C00 |
|             | R073475 | CAL2C00 |
|             | R073410 | CAL2C00 |
|             | R073397 | CAL2C00 |
|             | R073240 | CAL2C00 |
|             | R073238 | CAL2C00 |