

CA Workload Automation CA 7 Edition 12.0  
CA RS 1911 Service List

1

| Service                                            | Description                                         | Type |
|----------------------------------------------------|-----------------------------------------------------|------|
| S010030                                            | CA7SRVR U0792 IN CAL2QBUF AT 0037AE                 | PTF  |
| S010169                                            | CA 7 SERVER FOR IDASH - CA 7 SHUTDOWN NOTIFICATIONS | PTF  |
| S010170                                            | CA 7 SERVER FOR IDASH - CA 7 SHUTDOWN NOTIFICATIONS | PTF  |
| S010187                                            | QUEUE MISC AND JCL POOL OVER-ALLOCATED              | PTF  |
| S010210                                            | SASSTCP0 - POSSIBLE S0C6/S0C4 USING TCPIP           | PTF  |
| S010221                                            | S0C4 IN L2BAT AFTER INCREASING G64PL                | PTF  |
| The CA RS 1911 service count for this release is 6 |                                                     |      |

CA Workload Automation CA 7 Edition  
CA RS 1911 Service List for CAL2C00

2

| FMID                                            | Service | Description                                         | Type |
|-------------------------------------------------|---------|-----------------------------------------------------|------|
| CAL2C00                                         | S010030 | CA7SRVR U0792 IN CAL2QBUF AT 0037AE                 | PTF  |
|                                                 | S010169 | CA 7 SERVER FOR IDASH - CA 7 SHUTDOWN NOTIFICATIONS | PTF  |
|                                                 | S010187 | QUEUE MISC AND JCL POOL OVER-ALLOCATED              | PTF  |
|                                                 | S010210 | SASSTCP0 - POSSIBLE S0C6/S0C4 USING TCPIP           | PTF  |
|                                                 | S010221 | S0C4 IN L2BAT AFTER INCREASING G64PL                | PTF  |
| The CA RS 1911 service count for this FMID is 5 |         |                                                     |      |

CA Workload Automation CA 7 Edition  
CA RS 1911 Service List for CAL2C01

3

| FMID                                            | Service | Description                                         | Type |
|-------------------------------------------------|---------|-----------------------------------------------------|------|
| CAL2C01                                         | S010170 | CA 7 SERVER FOR IDASH - CA 7 SHUTDOWN NOTIFICATIONS | PTF  |
| The CA RS 1911 service count for this FMID is 1 |         |                                                     |      |

CA Workload Automation CA 7 Edition 12.0  
CA RS 1911 - PTF SO10030 Details

4

| Service            | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    |              |                    |              |                    |              |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------|--------------------|--------------|--------------------|--------------|
| S010030            | <p>S010030 M.C.S. ENTRIES = ++PTF (S010030)</p> <p>CA7SRVR U0792 IN CAL2QBUF AT 0037AE</p> <p>PROBLEM DESCRIPTION:</p> <p>The CA 7 Web Client CAL2JCL(AL2QSRVR) job/stc (also known as CA7SRVR) may take a U0792 abend with reason code AE6 in module CAL2QBUF. The job/stc will attempt to recover from the abend, so an outage may not be immediately evident.</p> <p>SYMPTOMS:</p> <p>CA7SRVR takes a U0792 abend with reason code of AE6 (as seen in register 15). This information is captured in the CA7SRVR JES2 joblog.</p> <p>IMPACT:</p> <p>One or more users may have their Web Client session interrupted.</p> <p>CIRCUMVENTION:</p> <p>If CA7SRVR recovers, the affected user(s) can re-issue their query requests. If not, users will need to restart their Web Client sessions after CA7SRVR is recycled.</p> <p>PRODUCT(S) AFFECTED:</p> <table> <tr> <td>CA WA CA 7 Edition</td><td>Release 11.3</td></tr> <tr> <td>CA WA CA 7 Edition</td><td>Version 12.0</td></tr> <tr> <td>CA WA CA 7 Edition</td><td>Release 12.1</td></tr> </table> <p>Related Problem:</p> <p>7 3982</p> <p>Copyright (C) 2019 CA. All rights reserved. R00903-AL2120-SP1</p> <p>DESC(CA7SRVR U0792 IN CAL2QBUF AT 0037AE).</p> <p>++VER (Z038)</p> <p>FMID (CAL2C00)</p> <p>PRE ( R091505 )</p> <p>SUP ( R070069 R082635 R087674 ST10030 TR70069 TR82635 TR87674 )</p> | CA WA CA 7 Edition | Release 11.3 | CA WA CA 7 Edition | Version 12.0 | CA WA CA 7 Edition | Release 12.1 |
| CA WA CA 7 Edition | Release 11.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    |              |                    |              |                    |              |
| CA WA CA 7 Edition | Version 12.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    |              |                    |              |                    |              |
| CA WA CA 7 Edition | Release 12.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    |              |                    |              |                    |              |

CA Workload Automation CA 7 Edition 12.0  
CA RS 1911 - PTF SO10169 Details

5

| Service            | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    |              |                    |              |                    |              |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------|--------------------|--------------|--------------------|--------------|
| S010169            | <p>S010169 M.C.S. ENTRIES = ++PTF (S010169)</p> <p>CA 7 SERVER FOR IDASH - CA 7 SHUTDOWN NOTIFICATIONS</p> <p>ENHANCEMENT DESCRIPTION:<br/>A notification to iDash is generated in the event that either the CA 7 or CA 7 Server for iDash address spaces are stopped with user commands.</p> <p>PRODUCT(S) AFFECTED:</p> <table> <tr> <td>CA WA CA 7 Edition</td><td>Release 11.3</td></tr> <tr> <td>CA WA CA 7 Edition</td><td>Version 12.0</td></tr> <tr> <td>CA WA CA 7 Edition</td><td>Release 12.1</td></tr> </table> <p>Related Problem:<br/>7 3981</p> <p>Copyright (C) 2019 CA. All rights reserved. R00906-AL2120-SP1</p> <p>DESC(CA 7 SERVER FOR IDASH - CA 7 SHUTDOWN NOTIFICATIONS).<br/>++VER (Z038)<br/>FMID (CAL2C00)<br/>PRE ( S006513 )<br/>SUP ( ST10169 )<br/>++IF FMID(CAL2C01) REQ(S010170 ) .</p> | CA WA CA 7 Edition | Release 11.3 | CA WA CA 7 Edition | Version 12.0 | CA WA CA 7 Edition | Release 12.1 |
| CA WA CA 7 Edition | Release 11.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |              |                    |              |                    |              |
| CA WA CA 7 Edition | Version 12.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |              |                    |              |                    |              |
| CA WA CA 7 Edition | Release 12.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |              |                    |              |                    |              |

CA Workload Automation CA 7 Edition 12.0  
CA RS 1911 - PTF SO10170 Details

6

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S010170 | <p>S010170 M.C.S. ENTRIES = ++PTF (S010170)</p> <p>CA 7 SERVER FOR IDASH - CA 7 SHUTDOWN NOTIFICATIONS<br/>ENHANCEMENT DESCRIPTION:<br/>A notification to iDash is generated in the event that either the CA 7 or CA 7 Server for iDash address spaces are stopped with user commands.<br/>PRODUCT(S) AFFECTED:<br/>CA WA CA 7 Edition Release 11.3<br/>CA WA CA 7 Edition Version 12.0<br/>CA WA CA 7 Edition Release 12.1<br/>Related Problem:<br/>7 3981<br/>Copyright (C) 2019 CA. All rights reserved. R00906-AL2120-SP1</p> <p>DESC(CA 7 SERVER FOR IDASH - CA 7 SHUTDOWN NOTIFICATIONS).<br/>++VER (Z038)<br/>FMID (CAL2C01)<br/>PRE ( R069564 R070566 R082471 R084289 R088060 R088094<br/>R093449 R094604 R096956 S004452 S004512 S004569<br/>S006514 S009457 )<br/>SUP ( ST10170 )<br/>++IF FMID(CAL2C00) REQ(S010169 ) .</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S010187 | <p>S010187 M.C.S. ENTRIES = ++PTF (S010187)</p> <p>QUEUE MISC AND JCL POOL OVER-ALLOCATED</p> <p>PROBLEM DESCRIPTION:<br/>Virtual 64-bit storage pools are expanded excessively under certain conditions related to workload and timing.</p> <p>SYMPTOMS:<br/>Multiple occurrences of one of the following messages in a very short time period:<br/> CAL2S4000I - Allocated 4 MB (64 bit) for Queue Misc<br/> CAL2S4000I - Allocated 20 MB (64 bit) for JCL Statements<br/> /DISPLAY,Q=ALL command indicates very large MSC or JCQ allocation but most of the storage is available.</p> <p>IMPACT:<br/>There may be some impact to performance during the time where many pool expansions are occurring.<br/>The storage allocation may continue to grow.</p> <p>CIRCUMVENTION:<br/>Restarting CA 7 will reduce the storage allocation temporarily.<br/>For release 12.0 only<br/>Cancelling or completing networks in the queues may also help alleviate the condition in the MSC pool.</p> <p>PRODUCT(S) AFFECTED:<br/> CA WA CA 7 Edition Version 12.0<br/> CA WA CA 7 Edition Release 12.1</p> <p>Related Problem:<br/>7 3985</p> <p>Copyright (C) 2019 CA. All rights reserved. R00907-AL2120-SP1</p> <p>DESC(QUEUE MISC AND JCL POOL OVER-ALLOCATED).<br/> ++VER (Z038)<br/> FMID (CAL2C00)<br/> PRE ( S006591 )<br/> SUP ( R070664 R096500 ST10187 TR70664 TR96500 )</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S010210 | <p>S010210 M.C.S. ENTRIES = ++PTF (S010210)</p> <p>SASSTCP0 - POSSIBLE S0C6/S0C4 USING TCPIP</p> <p>PROBLEM DESCRIPTION:</p> <p>A possible S0C6 or S0C4 abend can occur when using the TCP/IP interface with CA-7 (CAL2X2TB as an example). The problem is very timing dependent and does not usually occur - R10 will usually point to the SASSTCP0 code.</p> <p>SYMPTOMS:</p> <p>S0C6 or S0C4 .</p> <p>IMPACT:</p> <p>Medium.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Workload Automation SE <span style="float: right;">Release 11.3</span></p> <p>CA Workload Automation SE <span style="float: right;">Version 12.0</span></p> <p>Related Problem:</p> <p>7 3988</p> <p>Copyright (C) 2019 CA. All rights reserved. R00909-AL2120-SP1</p> <p>DESC(SASSTCP0 - POSSIBLE S0C6/S0C4 USING TCPIP).</p> <p>++VER (Z038)</p> <p>FMID (CAL2C00)</p> <p>PRE ( R093448 R099995 S009793 )</p> <p>SUP ( R066338 R087448 S005853 ST05853 ST10210 TR66338 TR87448 )</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| S010221 | <p>S010221 M.C.S. ENTRIES = ++PTF (S010221)</p> <p>S0C4 IN L2BAT AFTER INCREASING G64PL</p> <p>PROBLEM DESCRIPTION:</p> <p>S0C4 abend in module L2DBAT</p> <p>SYMPTOMS:</p> <p>CA7 abends with S0C4 in module L2DBAT</p> <p>The following messages appear in the CA 7 JESLOG</p> <p>SYSTEM COMPLETION CODE=0C4 REASON CODE=00000010</p> <p>TIME=11.58.36 SEQ=01544 CPU=0000 ASID=0175</p> <p>PSW AT TIME OF ERROR 478D2001 AEA7AA24 ILC 4 INTC 10</p> <p>ACTIVE LOAD MODULE ADDRESS=2EA73000 OFFSET=00007A24</p> <p>NAME=L2DBAT</p> <p>IMPACT:</p> <p>CA 7 must be restarted.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA WA CA 7 Edition Version 12.0</p> <p>CA WA CA 7 Edition Release 12.1</p> <p>Related Problem:</p> <p>7 3987</p> <p>Copyright (C) 2019 CA. All rights reserved. R00910-AL2120-SP1</p> <p>DESC(S0C4 IN L2BAT AFTER INCREASING G64PL).</p> <p>++VER (Z038)</p> <p>FMID (CAL2C00)</p> <p>PRE ( R066933 R070950 R071471 R079094 R082692 R093133</p> <p>R095736 )</p> <p>SUP ( R067449 R089939 ST10221 TR67449 TR89939 )</p> <p>MCS S010030 STARTS ON PAGE 0002</p> <p>MCS S010169 STARTS ON PAGE 0002</p> <p>MCS S010170 STARTS ON PAGE 0003</p> <p>MCS S010187 STARTS ON PAGE 0004</p> <p>MCS S010210 STARTS ON PAGE 0005</p> <p>MCS S010221 STARTS ON PAGE 0005</p> |  |

CA Workload Automation CA 7 Edition 12.0  
CA RS 1911 Product/Component Listing

10

| Product Family                                               | Product                       | Release  |
|--------------------------------------------------------------|-------------------------------|----------|
| Scheduling                                                   | CA INTERACTIVE AGENT SERVICES | 12.00.00 |
|                                                              | CA WA CA 7 EDITION            | 12.00.00 |
|                                                              | CA WA CA 7 EDITION JFM        | 12.00.00 |
|                                                              | CA CRITICAL PATH MONITOR      | 11.00.00 |
| Systems Management                                           | CA GENERAL TRANSACTION SERVER | 12.00.00 |
| The CA RS 1911 Product/Component Count for this release is 5 |                               |          |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| CAR1911     | S010221 | CAL2C00 |
|             | S010210 | CAL2C00 |
|             | S010187 | CAL2C00 |
|             | 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 |
|             | S006591 | CAL2C00 |
| CAR1901     | S006216 | CAL2C00 |
| CAR1812     | S005910 | CAL2C00 |
|             | S005853 | CAL2C00 |
|             | S004423 | CAL2C00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| 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 |
| 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 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | 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 |
|             | 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 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | 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 |
|             | R095115 | CAL2C00 |
| CAR1704     | 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 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | 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 |
| 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 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| CAR1606     | R089868 | CAL2C00 |
|             | R090121 | CAL2C00 |
|             | R090056 | CAL2C00 |
|             | R089939 | CAL2C00 |
|             | R089712 | CAL2C00 |
|             | R089707 | CAL2C00 |
|             | R089696 | CAL2C00 |
|             | R089686 | CAL2C00 |
|             | R089500 | CAL2C00 |
|             | R088303 | CAL2C00 |
|             | R089562 | CAL2C00 |
|             | R089561 | CAL2C00 |
|             | R089245 | CAL2C00 |
| CAR1605     | R089181 | CAL2C00 |
|             | R089087 | CAL2C00 |
|             | R089080 | CAL2C00 |
|             | R088982 | CIASC00 |
|             | R088980 | CAL2C00 |
|             | R088933 | CAL2C00 |
|             | R088898 | CAL2C00 |
|             | R088861 | CIASC00 |
|             | R087507 | CAL2C00 |
|             | R088965 | CAL2C00 |
|             | R088958 | CAL2C00 |
|             | R088782 | CAL2C00 |
|             | R088753 | CAL2C00 |
| CAR1604     | R088703 | CAL2C00 |
|             | R088569 | CAL2C00 |
|             | R088334 | CAL2C00 |
|             | R088354 | CAL2C00 |
|             | R088326 | CAL2C00 |
|             | R088313 | CAL2C00 |
|             | R088126 | CAL2C00 |
|             | R088094 | CAL2C01 |
|             | R088077 | CAL2C00 |
|             | R088060 | CAL2C01 |
|             | R087988 | CAL2C00 |
|             | R087853 | CAL2C01 |
|             | R087850 | CAL2C00 |
| CAR1603     | R087674 | CAL2C00 |
|             | R087570 | CAL2C00 |
|             | R087448 | CAL2C00 |
|             | R087106 | CAL2C00 |
|             | R087723 | CIASC00 |
|             | R087609 | CAL2C00 |
|             | R087470 | CAL2C00 |
|             | R087406 | CAL2C00 |
|             | R087153 | CAL2C00 |
|             | R087054 | CAL2C00 |
|             | R086891 | CAL2C00 |
|             | R086753 | CAL2C01 |
|             | R086674 | CAL2C00 |
| CAR1602     | R085491 | CAL2C00 |
|             | R087074 | CAL2C00 |
|             | R087007 | CAL2C00 |
| CAR1601     |         |         |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | R086955 | CAL2C00 |
|             | R086892 | CAL2C00 |
|             | 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 |
|             | R079162 | CIASC00 |
|             | R079002 | CIASC00 |
|             | R079001 | CIASC00 |
|             | R079000 | CIASC00 |
|             | R077026 | CIASC00 |
|             | R077005 | CIASC00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | 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 |
|             | 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 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | 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 |
| 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 |

| CA RS<br>Level | Service | FMID    |
|----------------|---------|---------|
|                | R074115 | CAL2C00 |
|                | R074000 | CAL2C00 |
|                | R073654 | CAL2C00 |
|                | R073475 | CAL2C00 |
|                | R073410 | CAL2C00 |
|                | R073397 | CAL2C00 |
|                | R073240 | CAL2C00 |
|                | R073238 | CAL2C00 |