

CA 1 Tape Management 14.0  
CA RS 2307 Service List

1

| Service                                            | Description                                              | Type |
|----------------------------------------------------|----------------------------------------------------------|------|
| LU10204                                            | TMSCLEAN REPORT-85 TOTALS & SCRALL=NO/LDATE FIXED        | PTF  |
| LU10261                                            | TMSEXPCK - ADDING WHILECAT/GDG/MAXRETPD OPTIONS          | PTF  |
| LU10323                                            | LOF0INIT/LOE0INIT TMSRIM30 DOES NOT DESCRIBE ERROR       | PTF  |
| LU10572                                            | TMSCLEAN EXPIRES CATALOG CONTROL SECONDARY VOLUMES EARLY | PTF  |
| The CA RS 2307 service count for this release is 4 |                                                          |      |

CA 1 Tape Management  
CA RS 2307 Service List for CAL0E00

2

| FMID                                            | Service | Description                                              | Type |
|-------------------------------------------------|---------|----------------------------------------------------------|------|
| CAL0E00                                         | LU10204 | TMSCLEAN REPORT-85 TOTALS & SCRALL=NO/LDATE FIXED        | PTF  |
|                                                 | LU10261 | TMSEXPCK - ADDING WHILECAT/GDG/MAXRETPD OPTIONS          | PTF  |
|                                                 | LU10323 | LOF0INIT/LOE0INIT TMSRIM30 DOES NOT DESCRIBE ERROR       | PTF  |
|                                                 | LU10572 | TMSCLEAN EXPIRES CATALOG CONTROL SECONDARY VOLUMES EARLY | PTF  |
| The CA RS 2307 service count for this FMID is 4 |         |                                                          |      |

| Service               | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |              |                       |              |
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| LU10204               | <p>LU10204 M.C.S. ENTRIES = ++PTF (LU10204) REWORK(2023173)</p> <p>TMSCLEAN REPORT-85 TOTALS &amp; SCRALL=NO/LDATE FIXED</p> <p>PROBLEM DESCRIPTION:</p> <p>This PTF addresses two problems:</p> <ol style="list-style-type: none"> <li>1. Within TMS REPORT-85, the total calculations for some of the TMSCLEAN counts were not accurate in comparison with the TMC. Some of the messages have been changed to reflect whether the total count is counting tape sets or tapes.</li> <li>2. When the SCRALL option is set to NO and a DSNB has an EXPDT value of LDATE control, the volume will never go scratch.</li> </ol> <p>SYMPTOMS:</p> <p>N/A.</p> <p>IMPACT:</p> <ol style="list-style-type: none"> <li>1. TMSCLEAN will scratch the correct amount of tapes. The calculations of the totals that are shown within TMS REPORT-85 will not always be accurate in comparison to what is currently in the TMC.</li> <li>2. Volumes that have DSNBs under LDATE control will not go scratch if SCRALL is set to NO.</li> </ol> <p>CIRCUMVENTION:</p> <p>Problem 1:</p> <ol style="list-style-type: none"> <li>1. Analyze Vantage to get the accurate totals of what is in the TMC.</li> <li>2. Run EARL reports looking for non-expired tapes.</li> <li>3. Run TMSCLEAN with a parm of SCRATCHRELIST to get the total number of scratch tapes within the TMC.</li> </ol> <p>Problem 2:</p> <p>N/A.</p> <p>PRODUCT(S) AFFECTED:</p> <table> <tr> <td>CA 1 Tape Management</td><td>Version 14.0</td></tr> <tr> <td>CA 1 Flexible Storage</td><td>Version 15.0</td></tr> </table> <p>Related Problem:</p> <p>1 20075</p> <p>(C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00300-AL0140</p> <p>DESC(TMSCLEAN REPORT-85 TOTALS &amp; SCRALL=NO/LDATE FIXED).</p> <p>++VER (Z038)</p> <p>FMID (CAL0E00)</p> <p>PRE ( LU05200 )</p> <p>SUP ( BC06818 LT08477 LT08478 LT08484 LT08485 LT09197 LT09375 LT09453 LT09644 LT09943 LT10204 LU08485 LU09453 )</p> <p>++HOLD (LU10204) SYSTEM FMID(CAL0E00)</p> <p>REASON (DOC ) DATE (23173)</p> <p>COMMENT (</p> <pre> +-----+        CA 1 Tape Management                      Version 14.0        +-----+ ***** *          PUBLICATION          * *****  In the Utilities and Reports Chapter, under the TMSCLEAN utility - List Scratch, Clean and Scratch Inventory Volumes section, in the TMS Report-85 - TMSCLEAN Messages subsection, update all of the "Tapes held" messages to say the following: </pre> | CA 1 Tape Management | Version 14.0 | CA 1 Flexible Storage | Version 15.0 |
| CA 1 Tape Management  | Version 14.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |              |                       |              |
| CA 1 Flexible Storage | Version 15.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |              |                       |              |

CA 1 Tape Management 14.0  
CA RS 2307 - PTF LU10204 Details

| Service | Details                                                |
|---------|--------------------------------------------------------|
|         | Tape sets held less than 8 days                        |
|         | Tape sets held greater than 7 but less than 15 days    |
|         | Tape sets held greater than 14 but less than 31 days   |
|         | Tape sets held greater than 30 but less than 61 days   |
|         | Tape sets held greater than 60 but less than 91 days   |
|         | Tape sets held greater than 90 but less than 181 days  |
|         | Tape sets held greater than 180 but less than ONE year |
|         | Tape sets held greater than or equal to ONE (1) year   |
|         | ).                                                     |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| LU10261 | <p>LU10261 M.C.S. ENTRIES = ++PTF (LU10261) REWORK(2023152)</p> <p>TMSEXPCK - ADDING WHILECAT/GDG/MAXRETPD OPTIONS</p> <p>PROBLEM DESCRIPTION:</p> <p>Add new options to TMSEXPCK to allow MAXRETPD/WHILECAT/GDG keywords.</p> <p>SYMPTOMS:</p> <p>Currently TMSEXPCK doesn't support the newest TMSEXPDT options.</p> <p>IMPACT:</p> <p>Jobs will abend with U0006 when attempts are made to use the newest TMSEXPDT keywords.</p> <p>CIRCUMVENTION:</p> <p>N/A</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA 1 Tape Management Version 14.0</p> <p>Related Problem:</p> <p>1 18922</p> <p>(C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00301-AL0140</p> <p>DESC(TMSEXPCK - ADDING WHILECAT/GDG/MAXRETPD OPTIONS).</p> <p>++VER (Z038)</p> <p>FMID (CAL0E00)</p> <p>PRE ( R086720 R091460 S012517 )</p> <p>SUP ( LT07017 LT10261 LU07017 R089319 R089572 R097124 TR89047</p> <p>TR89319 TR89572 TR97124 )</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LU10323 | <p>LU10323 M.C.S. ENTRIES = ++PTF (LU10323) REWORK(2023164)</p> <p>LOF0INIT/LOE0INIT TMSRIM30 DOES NOT DESCRIBE ERROR</p> <p>PROBLEM DESCRIPTION:</p> <p>This solution resolves two problems.</p> <p>1) During CA 1 initialization, if a secondary INIT is performed the TMSRIM30 message does not state to use REINIT.</p> <p>2) During CA 1 initialization, if the CA 1 SVC has been defined in the IEASVCnn member of SYS1.PARMLIB, message 'TMSRIM20 CAIRIM OVERLAYING EXISTING SVC' may be issued.</p> <p>SYMPTOMS:</p> <p>1) TMSRIM03 INIT ALREADY PERFORMED, USE REINIT not issued.</p> <p>2) Error message 'TMSRIM20 CAIRIM OVERLAYING EXISTING SVC' during CAS9 execution.</p> <p>IMPACT:</p> <p>1) n/a</p> <p>2) If there is an entry for TMS00SVC using the same SVC number as defined in the SVC= statement for LOE0INIT (R14 clients) or LOF0INIT (R15 clients), then this is an erroneous issue.</p> <p>CIRCUMVENTION:</p> <p>1) n/a</p> <p>2) Determine and ensure CA 1 is not using another products SVC number.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA 1 Flexible Storage Version 15.0</p> <p>Related Problem:</p> <p>1 20568</p> <p>(C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00305-AL0140</p> <p>DESC(LOF0INIT/LOE0INIT TMSRIM30 DOES NOT DESCRIBE ERROR).</p> <p>++VER (Z038)</p> <p>FMID (CALOE00)</p> <p>PRE ( R086720 R093392 S012212 S013233 )</p> <p>SUP ( AS13233 LT08421 LT10321 LT10322 LT10323 S013348 S014838</p> <p>ST13348 ST14838 )</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| LU10572 | <p>LU10572 M.C.S. ENTRIES = ++PTF (LU10572) REWORK(2023178)</p> <p>TMSCLEAN EXPIRES CATALOG CONTROL SECONDARY VOLUMES EARLY</p> <p>PROBLEM DESCRIPTION:</p> <p>TMSCLEAN expires secondary volumes (VOLSEQ &gt;1) with EXPDT=CATALOG, even though the first volume (VOLSEQ=1) has the FLAG4 X'08'(OSC) bit on.</p> <p>There are two scenarios that can cause the secondary volumes to expire early after TMSOSCAT PARM=SYNC is executed due to TMSOSCAT PARM=SYNC turning on the FLAG4 X'08' (OSC) and the FLAG2 X'80' (CAT) bits for the first volume (VOLSEQ=1) of a multivolume dataset and NOT for the secondary volumes (VOLSEQ&gt;1):</p> <ol style="list-style-type: none"> <li>1. When TMSCLEAN runs using VOL=ssssss-eeeeee and VOLSEQ=1 of a multivolume set is NOT within the range, TMSCLEAN will expire the VOLSEQ &gt; 1 volumes of the multivolume set even though the first volume (VOLSEQ=1) FLAG4 X'08' (OSC) is on indicating the dataset is still cataloged.</li> <li>2. When TMSCLEAN runs it will expire a multivolume set where the VOLSER of VOLSEQ=1 is greater than any of the secondary volume's VOLSER.</li> </ol> <p>With this PTF, a change is made to TMSCLEAN to prevent the secondary files from being expired.</p> <p>SYMPTOMS:</p> <p>Secondary volumes (VOLSEQ &gt; 1) that are catalog controlled and don't have the FLAG4 X'08' (OSC) or the FLAG2 X'80' (CAT) bits on due to TMSOSCAT processing are being expired early by TMSCLEAN even though file 1 is still cataloged.</p> <p>IMPACT:</p> <p>Secondary cataloged control volumes (VOLSEQ&gt;1) are being expired when they shouldn't be.</p> <p>CIRCUMVENTION:</p> <p>N/A.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA 1 Tape Management Version 14.0</p> <p>CA 1 Flexible Storage Version 15.0</p> <p>Related Problem:</p> <p>1 20506</p> <p>(C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00308-AL0140</p> <p>DESC(TMSCLEAN EXPIRES CATALOG CONTROL SECONDARY VOLUMES EARLY).</p> <p>++VER (Z038)</p> <p>FMID (CAL0E00)</p> <p>PRE ( LU05200 )</p> <p>SUP ( BC06818 LT08477 LT08478 LT08484 LT08485 LT09197 LT09375</p> <p>LT09453 LT09644 LT09943 LT10204 LT10268 LT10572 LU08485</p> <p>LU09453 LU10204 )</p> <p>++HOLD (LU10572) SYSTEM FMID(CAL0E00)</p> <p>REASON (DOC ) DATE (23178)</p> <p>COMMENT (</p> <p>+-----+</p> <p>  CA 1 Tape Management Version 14.0  </p> <p>+-----+</p> <p>*****</p> <p>* PUBLICATION *</p> |

| Service | Details                                                                                                                                                                                                                                              |                     |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|         | *****                                                                                                                                                                                                                                                |                     |
|         | In the TMSCLEAN Utility Chapter, in the Scratch and Clean Listing section of the documentation, add a warning box at the beginning of the Range Control Statements subsection saying the following:                                                  |                     |
|         | WARNING:                                                                                                                                                                                                                                             |                     |
|         | When using a Range Control statement in TMSCLEAN where the first volume (VOLSEQ=1) is NOT included or is excluded using the EXCLUDE control statement, then all of the volumes in the chain will not be included in the counts of the TMS REPORT-85. |                     |
|         | ).                                                                                                                                                                                                                                                   |                     |
| MCS     | LU10204                                                                                                                                                                                                                                              | STARTS ON PAGE 0002 |
| MCS     | LU10261                                                                                                                                                                                                                                              | STARTS ON PAGE 0003 |
| MCS     | LU10323                                                                                                                                                                                                                                              | STARTS ON PAGE 0004 |
| MCS     | LU10572                                                                                                                                                                                                                                              | STARTS ON PAGE 0005 |



CA 1 Tape Management 14.0  
CA RS 2307 Product/Component Listing

| Product Family                                               | Product                  | Release  |
|--------------------------------------------------------------|--------------------------|----------|
| Performance and Storage                                      | CA COMMON TAPE FUNCTIONS | 14.00.00 |
|                                                              | CA OSI/COMMON COMPONENT  | 14.00.00 |
|                                                              | CA 1 TAPE MANAGEMENT     | 14.00.00 |
| The CA RS 2307 Product/Component Count for this release is 3 |                          |          |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| CAR2307     | LU10572 | CAL0E00 |
|             | LU10323 | CAL0E00 |
|             | LU10261 | CAL0E00 |
|             | LU10204 | CAL0E00 |
| CAR2305     | LU09832 | CAL0E00 |
|             | LU09737 | CAL0E00 |
|             | LU09712 | CAL0E00 |
|             | LU09697 | CBAFE00 |
|             | LU09692 | CAL0E00 |
|             | LU09622 | CAL0E00 |
|             | LU09491 | CBAFE00 |
|             | LU04987 | CAL0E00 |
| CAR2304     | LU09496 | CAL0E00 |
|             | LU09453 | CAL0E00 |
|             | LU09390 | CAL0E00 |
|             | LU09055 | CAL0E00 |
|             | LU09035 | CBAFE00 |
| CAR2303     | LU09104 | CAL0E00 |
|             | LU09015 | CBAFE00 |
|             | LU08860 | CBAFE00 |
|             | LU08590 | CAL0E00 |
| CAR2302     | LU08199 | CAL0E00 |
|             | LU08024 | CAL0E00 |
|             | LU07915 | CAL0E00 |
| CAR2301     | LU08540 | CBAFE00 |
|             | LU08485 | CAL0E00 |
|             | LU08452 | CBAFE00 |
|             | LU08197 | CAL0E00 |
|             | LU07928 | CAL0E00 |
| CAR2212     | LU07987 | CBAFE00 |
|             | LU07938 | CBAFE00 |
|             | LU07706 | CAL0E00 |
|             | LU07381 | CBAFE00 |
| CAR2211     | LU07420 | CAL0E00 |
|             | LU07275 | CAL0E00 |
|             | LU07253 | CAL0E00 |
| CAR2210     | LU07197 | CAL0E00 |
|             | LU07148 | CAL0E00 |
|             | LU07017 | CAL0E00 |
| CAR2209     | LU06985 | CBAFE00 |
|             | LU06984 | CAL0E00 |
|             | LU06825 | CAL0E00 |
|             | LU06821 | CAL0E00 |
|             | LU06806 | CAG8E00 |
|             | LU05507 | CAL0E00 |
| CAR2208     | LU06376 | CAL0E00 |
|             | LU05493 | CAL0E00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | LU04398 | CAL0E00 |
|             | LU03157 | CAL0E00 |
| CAR2207     | LU06373 | CAL0E00 |
|             | LU06346 | CAL0E00 |
|             | LU06039 | CAL0E00 |
|             | LU05968 | CAL0E00 |
|             | LU04330 | CAL0E00 |
| CAR2206     | LU05860 | CAL0E00 |
|             | LU05858 | CBAFE00 |
|             | LU05824 | CAL0E00 |
|             | LU05755 | CAL0E00 |
|             | LU05721 | CAL0E00 |
| CAR2205     | LU05200 | CAL0E00 |
|             | LU05198 | CBAFE00 |
| CAR2204     | LU04891 | CBAFE00 |
| CAR2202     | LU03975 | CAL0E00 |
| CAR2201     | LU03509 | CAL0E00 |
| CAR2112     | LU03181 | CBAFE00 |
| CAR2111     | LU03148 | CBAFE00 |
|             | LU03010 | CAL0E00 |
|             | LU02994 | CAL0E00 |
|             | LU02715 | CAL0E00 |
|             | LU02639 | CAL0E00 |
| CAR2110     | LU02771 | CAL0E00 |
|             | LU02565 | CAL0E00 |
|             | LU01301 | CBAFE00 |
| CAR2109     | LU02389 | CAL0E00 |
|             | LU02246 | CAL0E00 |
|             | LU01269 | CBAFE00 |
| CAR2108     | LU02187 | CBAFE00 |
|             | LU01279 | CAL0E00 |
|             | LU00931 | CAL0E00 |
|             | LU00929 | CBAFE00 |
|             | LU00916 | CAL0E00 |
| CAR2107     | LU01509 | CAL0E00 |
|             | LU01354 | CAL0E00 |
|             | LU01158 | CAL0E00 |
| CAR2106     | LU01115 | CAL0E00 |
| CAR2105     | SO16131 | CAL0E00 |
|             | LU00367 | CAL0E00 |
| CAR2104     | SO15367 | CAL0E00 |
|             | LU00476 | CBAFE00 |
|             | LU00208 | CBAFE00 |
|             | LU00167 | CAL0E00 |
| CAR2103     | SO16231 | CAL0E00 |
|             | SO16223 | CBAFE00 |
|             | SO16051 | CAL0E00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | LU00114 | CAL0E00 |
|             | LU00092 | CBAFE00 |
| CAR2102     | S015745 | CAL0E00 |
|             | S010115 | CAL0E00 |
|             | S005163 | CAL0E00 |
| CAR2101     | S015247 | CAL0E00 |
|             | S015104 | CAL0E00 |
|             | S014838 | CAL0E00 |
| CAR2011     | S014948 | CAL0E00 |
|             | S014858 | CAL0E00 |
|             | S014617 | CAL0E00 |
| CAR2010     | S014630 | CAL0E00 |
|             | S014184 | CAL0E00 |
|             | S013666 | CAL0E00 |
|             | S013637 | CAL0E00 |
|             | S011360 | CAL0E00 |
| CAR2009     | S014243 | CAL0E00 |
|             | S014201 | CAL0E00 |
|             | S014060 | CAL0E00 |
|             | S013512 | CAL0E00 |
|             | S012639 | CBAFE00 |
| CAR2008     | S012802 | CAL0E00 |
|             | S012621 | CAL0E00 |
| CAR2007     | S013615 | CAL0E00 |
|             | S013571 | CBAFE00 |
|             | S013140 | CAL0E00 |
| CAR2006     | S013373 | CAL0E00 |
|             | S013348 | CAL0E00 |
|             | S013233 | CAL0E00 |
|             | S012774 | CAL0E00 |
|             | S012212 | CAL0E00 |
|             | S012211 | CBAFE00 |
|             | S010858 | CBAFE00 |
| CAR2005     | S012740 | CBAFE00 |
|             | S012316 | CBAFE00 |
|             | S012305 | CAL0E00 |
|             | S011630 | CAL0E00 |
| CAR2004     | S012517 | CAL0E00 |
| CAR2003     | S011804 | CAL0E00 |
|             | S011771 | CBAFE00 |
|             | S011703 | CAL0E00 |
|             | S011511 | CAL0E00 |
| CAR2002     | S010887 | CAL0E00 |
|             | S010632 | CAL0E00 |
|             | S010333 | CAL0E00 |
| CAR2001     | S011264 | CAL0E00 |
|             | S010814 | CAL0E00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S009946 | CAL0E00 |
|             | S009456 | CAL0E00 |
| CAR1912     | S010297 | CAL0E00 |
|             | S009659 | CAL0E00 |
| CAR1911     | S010518 | CAL0E00 |
|             | S010147 | CAL0E00 |
| CAR1910     | S009988 | CBAFE00 |
|             | S009350 | CBAFE00 |
|             | S009154 | CAL0E00 |
|             | S008504 | CBAFE00 |
| CAR1908     | S009194 | CAL0E00 |
|             | S009176 | CAL0E00 |
|             | S008253 | CAL0E00 |
| CAR1907     | S008332 | CAL0E00 |
|             | S008267 | CAL0E00 |
|             | S007488 | CAL0E00 |
|             | S007340 | CBAFE00 |
| CAR1906     | S008118 | CAL0E00 |
|             | S008095 | CAL0E00 |
|             | S007989 | CBAFE00 |
|             | S007783 | CAL0E00 |
|             | S007609 | CAL0E00 |
| CAR1905     | S007914 | CBAFE00 |
|             | S007538 | CAL0E00 |
| CAR1904     | S007375 | CAL0E00 |
| CAR1903     | S006753 | CAL0E00 |
|             | S006049 | CAL0E00 |
|             | R090435 | CAL0E00 |
| CAR1902     | S007077 | CBAFE00 |
|             | S006907 | CBAFE00 |
|             | S006489 | CAL0E00 |
| CAR1901     | S006465 | CBAFE00 |
|             | S006408 | CAL0E00 |
| CAR1811     | S005393 | CAL0E00 |
| CAR1810     | S005132 | CAL0E00 |
|             | S005090 | CAL0E00 |
|             | S001325 | CBAFE00 |
| CAR1809     | S004566 | CBAFE00 |
|             | S003737 | CBAFE00 |
|             | S001864 | CAL0E00 |
| CAR1808     | S004014 | CAL0E00 |
|             | S003575 | CAL0E00 |
|             | S000102 | CAL0E00 |
| CAR1807     | S003703 | CAL0E00 |
| CAR1805     | S000771 | CAL0E00 |
| CAR1804     | S001019 | CAL0E00 |
|             | S000375 | CBAFE00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | R099657 | CAL0E00 |
| CAR1803     | S000376 | CBAFE00 |
|             | R098235 | CAL0E00 |
| CAR1802     | R098044 | CAL0E00 |
|             | R097589 | CAL0E00 |
| CAR1801     | R098719 | CAL0E00 |
|             | R097628 | CBAFE00 |
|             | R097141 | CAL0E00 |
| CAR1712     | R098735 | CAL0E00 |
|             | R098491 | CAG8E00 |
|             | R098398 | CAL0E00 |
|             | R098211 | CBAFE00 |
|             | R097676 | CAL0E00 |
| CAR1711     | R098303 | CAL0E00 |
|             | R098301 | CAL0E00 |
|             | R097930 | CAL0E00 |
|             | R097124 | CAL0E00 |
|             | R096957 | CAL0E00 |
| CAR1710     | R097352 | CAL0E00 |
|             | R097172 | CAL0E00 |
|             | R096979 | CAL0E00 |
|             | R096826 | CAL0E00 |
| CAR1709     | R096641 | CAL0E00 |
|             | R096031 | CBAFE00 |
|             | R094642 | CAL0E00 |
|             | R094173 | CAG8E00 |
| CAR1708     | R096858 | CAL0E00 |
|             | R096268 | CAL0E00 |
|             | R096101 | CAL0E00 |
|             | R095361 | CAL0E00 |
| CAR1707     | R096603 | CAL0E00 |
|             | R095649 | CAL0E00 |
|             | R094615 | CAL0E00 |
|             | R094583 | CBAFE00 |
| CAR1706     | R095275 | CAL0E00 |
|             | R095272 | CAL0E00 |
| CAR1704     | R094755 | CBAFE00 |
|             | R094667 | CAL0E00 |
| CAR1703     | R094451 | CAL0E00 |
|             | R094379 | CAL0E00 |
|             | R094258 | CBAFE00 |
|             | R093860 | CAL0E00 |
| CAR1702     | R093819 | CAL0E00 |
|             | R086715 | CBAFE00 |
|             | R083248 | CBAFE00 |
| CAR1701     | R093682 | CAL0E00 |
|             | R093432 | CAL0E00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | R093392 | CAL0E00 |
|             | R093331 | CBAFE00 |
|             | R093264 | CAL0E00 |
|             | R093190 | CBAFE00 |
|             | R093128 | CAL0E00 |
|             | R092538 | CAL0E00 |
|             | R092030 | CAL0E00 |
|             | R091646 | CAL0E00 |
| CAR1612     | R092223 | CAL0E00 |
|             | R091897 | CAL0E00 |
|             | R091750 | CAL0E00 |
| CAR1610     | R091971 | CBAFE00 |
|             | R091847 | CBAFE00 |
|             | R091846 | CAL0E00 |
|             | R091479 | CAL0E00 |
|             | R091460 | CAL0E00 |
|             | R091301 | CBAFE00 |
|             | R091217 | CAL0E00 |
| CAR1609     | R090987 | CBAFE00 |
|             | R090945 | CBAFE00 |
|             | R089926 | CBAFE00 |
|             | R089758 | CAL0E00 |
| CAR1608     | R091200 | CAL0E00 |
| CAR1607     | R090243 | CBAFE00 |
| CAR1606     | R089925 | CBAFE00 |
|             | R089876 | CAL0E00 |
|             | R089572 | CAL0E00 |
| CAR1605     | R089616 | CAL0E00 |
|             | R089533 | CBAFE00 |
|             | R089514 | CAL0E00 |
|             | R089319 | CAL0E00 |
|             | R089262 | CAL0E00 |
|             | R088724 | CAL0E00 |
|             | R088419 | CAL0E00 |
| CAR1604     | R087942 | CBAFE00 |
| CAR1603     | R088098 | CAL0E00 |
|             | R088088 | CAL0E00 |
|             | R087844 | CBAFE00 |