

Common Services for z/OS 15.0  
CA RS 2304 Service List

| Service                                            | Description                           | Type      |
|----------------------------------------------------|---------------------------------------|-----------|
| LU09274                                            | CCIPC: OPENSSSL 1.1.1T                | ** PRP ** |
| LU09291                                            | CCS APACHE TOMCAT 9.0.72              | ** PRP ** |
| LU09331                                            | Continuous Delivery Level Set 15.0.06 | PTF       |
| LU09343                                            | UNLICENSED PRODUCTS ADDED TO XML FILE | PTF       |
| LU09554                                            | FILE SERVER NOT WORKING AFTER LU09123 | *HIP/PRP* |
| The CA RS 2304 service count for this release is 5 |                                       |           |

Common Services for z/OS  
CA RS 2304 Service List for CAS9F00

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| FMID                                            | Service | Description                           | Type |
|-------------------------------------------------|---------|---------------------------------------|------|
| CAS9F00                                         | LU09331 | Continuous Delivery Level Set 15.0.06 | PTF  |
|                                                 | LU09343 | UNLICENSED PRODUCTS ADDED TO XML FILE | PTF  |
| The CA RS 2304 service count for this FMID is 2 |         |                                       |      |

Common Services for z/OS  
CA RS 2304 Service List for CAW1F00

| FMID                                            | Service | Description           | Type      |
|-------------------------------------------------|---------|-----------------------|-----------|
| CAW1F00                                         | LU09274 | CCIPC: OPENSSL 1.1.1T | ** PRP ** |
| The CA RS 2304 service count for this FMID is 1 |         |                       |           |

Common Services for z/OS  
CA RS 2304 Service List for CBUJE00

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| FMID                                            | Service | Description                           | Type      |
|-------------------------------------------------|---------|---------------------------------------|-----------|
| CBUJE00                                         | LU09554 | FILE SERVER NOT WORKING AFTER LU09123 | *HIP/PRP* |
| The CA RS 2304 service count for this FMID is 1 |         |                                       |           |

Common Services for z/OS  
CA RS 2304 Service List for CFF6F00

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| FMID                                            | Service | Description              | Type      |
|-------------------------------------------------|---------|--------------------------|-----------|
| CFF6F00                                         | LU09291 | CCS APACHE TOMCAT 9.0.72 | ** PRP ** |
| The CA RS 2304 service count for this FMID is 1 |         |                          |           |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| LU09274 | <p>LU09274 M.C.S. ENTRIES = ++PTF (LU09274) REWORK(2023060)</p> <p>The following items are included in this solution:</p> <ol style="list-style-type: none"> <li>1. CCIPC: OPENSSE 1.1.1T</li> <li>2. SECURITY OR INTEGRITY PROBLEM</li> </ol> <p>=====</p> <p>CCIPC: OPENSSE 1.1.1T</p> <p>PROBLEM DESCRIPTION:</p> <p>This PTF delivers CCIPC 15.0.6, which upgrades OpenSSL to release 1.1.1t.</p> <p>SYMPTOMS:</p> <p>None.</p> <p>IMPACT:</p> <p>None.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PROBLEM RESOLUTION:</p> <p>(If you download CCIPC via the UPGRAD solution LU02684, then the steps below can be bypassed.)</p> <p>This PTF delivers new versions of the CCIPC 32-Bit and 64-Bit self extracting install exe files. SMP application of this PTF will result in replacement of CAW00PTN members CCIPCS32 and CCIPCS64. FTP in binary mode the member(s) to the PC that is running CCIPC and rename the PC file(s) to CCIPCS32.exe or CCIPCS64.exe respectively.</p> <p>After downloading the file(s) you can install CCIPC over your existing install by double clicking on the exe file(s).</p> <p>PRODUCT(S) AFFECTED:</p> <p>CAIENF Version 15.0</p> <p>Related Problem:</p> <p>CCIMVS 19767</p> <p>=====</p> <p>SECURITY OR INTEGRITY PROBLEM</p> <p>PROBLEM DESCRIPTION:</p> <p>Security or Integrity Problem.</p> <p>For more details access Security Advisories using the following URL: <a href="https://support.broadcom.com/security-advisory/security-advisories-list.html">support.broadcom.com/security-advisory/security-advisories-list.html</a></p> <p>Broadcom recommends that you subscribe to notifications for Security Advisories for the associated products that you support in your organization. Please use the following URL to register for proactive notifications: <a href="https://support.broadcom.com/user/notifications.html">https://support.broadcom.com/user/notifications.html</a></p> <p>SYMPTOMS:</p> <p>N/A</p> <p>IMPACT:</p> <p>Security or Integrity Problem.</p> <p>CIRCUMVENTION:</p> <p>N/A</p> <p>PRODUCT(S) AFFECTED:</p> <p>CAIENF Version 15.0</p> <p>Related Problem:</p> <p>CCIMVS 19789</p> <p>(C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00301-AW0150</p> |

Common Services for z/OS 15.0  
CA RS 2304 - PTF LU09274 Details

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| Service | Details                                                                                                                                                                                                                                                      |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | DESC (CCIPC: OPENSSE 1.1.1T) .<br>++VER (Z038)<br>FMID (CAW1F00)<br>PRE ( LU05158 S012236 )<br>SUP ( AS12236 BS12236 CC12875 EC12875 LT02461 LT03397 LT03404<br>LT05062 LT05264 LT06316 LT09274 LU02461 LU03404 LU05062<br>LU05264 LU06316 S007681 ST07681 ) |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| LU09291 | <p>LU09291 M.C.S. ENTRIES = ++PTF (LU09291) REWORK(2023074)</p> <p>The following items are included in this solution:</p> <ol style="list-style-type: none"> <li>1. CCS APACHE TOMCAT 9.0.72</li> <li>2. SECURITY OR INTEGRITY PROBLEM</li> </ol> <p>=====</p> <p>CCS APACHE TOMCAT 9.0.72</p> <p>PROBLEM DESCRIPTION:</p> <p>This PTF upgrades CCS Apache Tomcat to release 9.0.72.</p> <p>SYMPTOMS:</p> <p>None.</p> <p>IMPACT:</p> <p>None.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PROBLEM RESOLUTION:</p> <p>Deploy the updated file system, and update your Region.</p> <p>-Follow all the instructions in the product documentation.</p> <p>-If using the CAW0JCL sample members:</p> <p>Follow the Deploy and Configure CCS Apache Tomcat section in the Common Components and Services for z/OS documentation to implement this PTF.</p> <p><a href="https://techdocs.broadcom.com/us/en/ca-mainframe-software/traditional-management/ca-common-services-for-z-os/15-0/installing/complete-configuration-tasks/deploy-and-configure-ccs-apache-tomcat.html">https://techdocs.broadcom.com/us/en/ca-mainframe-software/traditional-management/ca-common-services-for-z-os/15-0/installing/complete-configuration-tasks/deploy-and-configure-ccs-apache-tomcat.html</a></p> <p>PRODUCT(S) AFFECTED:</p> <p>JAVA to z/OS Service Version 15.0</p> <p>Related Problem:</p> <p>TOMZOS 19807</p> <p>=====</p> <p>SECURITY OR INTEGRITY PROBLEM</p> <p>PROBLEM DESCRIPTION:</p> <p>Security or Integrity Problem.</p> <p>For more details access Security Advisories using the following URL: <a href="https://support.broadcom.com/security-advisory/security-advisories-list.html">support.broadcom.com/security-advisory/security-advisories-list.html</a></p> <p>Broadcom recommends that you subscribe to notifications for Security Advisories for the associated products that you support in your organization. Please use the following URL to register for proactive notifications: <a href="https://support.broadcom.com/user/notifications.html">https://support.broadcom.com/user/notifications.html</a></p> <p>SYMPTOMS:</p> <p>N/A</p> <p>IMPACT:</p> <p>Security or Integrity Problem.</p> <p>CIRCUMVENTION:</p> <p>N/A</p> <p>PRODUCT(S) AFFECTED:</p> <p>JAVA to z/OS Service Version 15.0</p> <p>Related Problem:</p> <p>TOMZOS 19919</p> <p>(C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00302-AW0150</p> <p>DESC(CCS APACHE TOMCAT 9.0.72).</p> <p>++VER (Z038)</p> |

Common Services for z/OS 15.0  
CA RS 2304 - PTF LU09291 Details

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | FMID (CFF6F00)<br>PRE ( LU01857 LU05159 S010325 S014686 )<br>SUP ( CS16066 DC03921 LT00654 LT03020 LT03855 LT03868 LT05449<br>LT06029 LT07456 LT08065 LT08476 LT09291 LU00654 LU03020<br>LU03868 LU05449 LU06029 LU07456 LU08065 LU08476 S006935<br>S007639 S013165 S016066 ST06859 ST06935 ST07639 ST13165<br>ST16066 )<br>PARM(PATHMODE(0,7,7,5)) SHSCRIPT(TOMCATSH,POST) .<br>PARM(PATHMODE(0,7,7,5)) . |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| LU09331 | <p>LU09331 M.C.S. ENTRIES = ++PTF (LU09331) REWORK(2023065)</p> <p>Continuous Delivery Level Set 15.0.06</p> <p>PROBLEM DESCRIPTION:</p> <p>SYMPTOMS:</p> <p>None</p> <p>IMPACT:</p> <p>None</p> <p>CIRCUMVENTION:</p> <p>PRODUCT(S) AFFECTED:</p> <p>Resource Initialization Manager(Comm) Version 15.0</p> <p>Related Problem:</p> <p>CAIRIM 19833</p> <p>(C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00304-AW0150</p> <p>DESC(Continuous Delivery Level Set 15.0.06).</p> <p>++VER (Z038)</p> <p>FMID (CAS9F00)</p> <p>PRE ( LU00564 LU01660 LU04860 LU05157 LU06739 LU06835 LU07030</p> <p>LU07249 LU08112 LU08629 LU08714 LU08836 S014749 S015161 )</p> <p>SUP ( LT09331 )</p> <p>++IF FMID(CAW1F00) REQ( LU04854 LU07335 LU07817 LU09045 LU09274 ).</p> <p>++IF FMID(CBYSE00) REQ( LU08229 ).</p> <p>++IF FMID(CCF9E00) REQ( LU05199 ).</p> <p>++IF FMID(CFF6F00) REQ( LU07103 LU07250 LU07456 LU07686 LU08065</p> <p>LU08476 LU08595 LU08660 LU08728 ).</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LU09343 | <p>LU09343 M.C.S. ENTRIES = ++PTF (LU09343) REWORK(2023067)</p> <p>UNLICENSED PRODUCTS ADDED TO XML FILE</p> <p>PROBLEM DESCRIPTION:</p> <p>The ISV catalog for Broadcom products has been updated to include unlicensed mainframe components that Broadcom provides free of charge. When you generate a Broadcom ISV SCRT report, these unlicensed components are now included.</p> <p>Common Components and Services for Z/OS - CCS</p> <p>Alert Central Connector - ALERTCEN</p> <p>Mainframe Topology - TOPOLOGY</p> <p>SYSVIEW Essentials - SYSVIEW</p> <p>PRODUCTS AFFECTED:</p> <p>Resource Initialization Manager(Comm) Version 15.0</p> <p>Related Problem:</p> <p>CAIRIM 19795</p> <p>(C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00305-AW0150</p> <p>DESC(UNLICENSED PRODUCTS ADDED TO XML FILE).</p> <p>++VER (Z038)</p> <p>FMID (CAS9F00)</p> <p>PRE ( LU00614 LU02177 LU04911 LU05157 LU05531 LU05724 LU08629</p> <p>S006284 S007021 S010688 S013696 S015572 )</p> <p>SUP ( LT09343 )</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------|---------------------|-----|---------|---------------------|-----|---------|---------------------|-----|---------|---------------------|-----|---------|---------------------|
| LU09554 | <p>LU09554 M.C.S. ENTRIES = ++PTF (LU09554) REWORK(2023079)</p> <p>FILE SERVER NOT WORKING AFTER LU09123</p> <p>PROBLEM DESCRIPTION:</p> <p>The LSERV PC Routine is bypassing function code 0.<br/>This is preventing the LDMSHPC routine from executing.<br/>The issue occurs after installing LU09123.</p> <p>SYMPTOMS:</p> <p>The following message may be seen in the LSERV joblog:<br/>LDM0521E File server request failed - function=nn ddname=ddddddd<br/>return code=64 reason code=140<br/>The LDMSHPC routine performs 13 different functions - there could be other external symptoms too.</p> <p>IMPACT:</p> <p>The LSERV File Server will not function. Other LSERV processes may not function as well.</p> <p>CIRCUMVENTION:</p> <p>Remove LU09123 from the STEPLIB DD and restart LSERV.</p> <p>PRODUCT(S) AFFECTED:</p> <p>L-Serv (Common component w/TNG Framew <span style="float: right;">Release 14.0</span></p> <p>Related Problem:</p> <p>LSERV 19940</p> <p>(C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved<br/>R00044-BUJ140</p> <p>DESC(FILE SERVER NOT WORKING AFTER LU09123).</p> <p>++VER (Z038)</p> <p>FMID (CBLUE00)</p> <p>PRE ( LU06907 LU07227 R093330 )</p> <p>SUP ( AC12598 AL09123 CC12598 LT00348 LT03756 LT09123 LT09554<br/>LU00348 LU03756 LU09123 R092036 S012649 ST12609 ST12649<br/>TR92036 )</p> <table><tr><td>MCS</td><td>LU09274</td><td>STARTS ON PAGE 0002</td></tr><tr><td>MCS</td><td>LU09291</td><td>STARTS ON PAGE 0003</td></tr><tr><td>MCS</td><td>LU09331</td><td>STARTS ON PAGE 0005</td></tr><tr><td>MCS</td><td>LU09343</td><td>STARTS ON PAGE 0006</td></tr><tr><td>MCS</td><td>LU09554</td><td>STARTS ON PAGE 0007</td></tr></table> | MCS                 | LU09274 | STARTS ON PAGE 0002 | MCS | LU09291 | STARTS ON PAGE 0003 | MCS | LU09331 | STARTS ON PAGE 0005 | MCS | LU09343 | STARTS ON PAGE 0006 | MCS | LU09554 | STARTS ON PAGE 0007 |
| MCS     | LU09274                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | STARTS ON PAGE 0002 |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |
| MCS     | LU09291                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | STARTS ON PAGE 0003 |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |
| MCS     | LU09331                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | STARTS ON PAGE 0005 |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |
| MCS     | LU09343                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | STARTS ON PAGE 0006 |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |
| MCS     | LU09554                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | STARTS ON PAGE 0007 |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |

Common Services for z/OS 15.0  
CA RS 2304 Product/Component Listing

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| Product Family                                               | Product                         | Release  |
|--------------------------------------------------------------|---------------------------------|----------|
| Traditional Management                                       | CCS JAVA TO Z/OS SERVICE        | 15.00.00 |
|                                                              | EVENT NOTIFICATION FACILITY     | 15.00.00 |
|                                                              | RESOURCE INITIALIZATION MANAGER | 15.00.00 |
|                                                              | CA-GLOBAL SUBSYSTEM FOR MVS     | 14.00.00 |
|                                                              | CA-GREXX COMMON COMPONENT       | 14.00.00 |
|                                                              | COMMON SERVICES                 | 14.00.00 |
|                                                              | CROSS PLATFORM COMMON COMPONENT | 14.00.00 |
| The CA RS 2304 Product/Component Count for this release is 7 |                                 |          |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| CAR2304     | LU09554 | CBUJE00 |
|             | LU09343 | CAS9F00 |
|             | LU09331 | CAS9F00 |
|             | LU09291 | CFF6F00 |
|             | LU09274 | CAW1F00 |
| CAR2303     | LU09123 | CBUJE00 |
|             | LU09045 | CAW1F00 |
|             | LU08836 | CAS9F00 |
|             | LU08595 | CFF6F00 |
|             | LU07103 | CFF6F00 |
| CAR2302     | LU08728 | CFF6F00 |
|             | LU08714 | CAS9F00 |
|             | LU08660 | CFF6F00 |
|             | LU08629 | CAS9F00 |
|             | LU08476 | CFF6F00 |
|             | LU08229 | CBYSE00 |
| CAR2301     | LU08112 | CAS9F00 |
|             | LU08065 | CFF6F00 |
|             | LU07335 | CAW1F00 |
|             | LU04854 | CAW1F00 |
| CAR2211     | LU07817 | CAW1F00 |
|             | LU07686 | CFF6F00 |
|             | LU07456 | CFF6F00 |
|             | LU07250 | CFF6F00 |
|             | LU07249 | CAS9F00 |
|             | LU07030 | CAS9F00 |
|             | LU06739 | CAS9F00 |
| CAR2210     | LU07227 | CBUJE00 |
|             | LU05199 | CCF9E00 |
|             | LU00564 | CAS9F00 |
| CAR2209     | LU06907 | CBUJE00 |
|             | LU06835 | CAS9F00 |
|             | LU06720 | CFF6F00 |
|             | LU06324 | CBUJE00 |
|             | LU05076 | CBYSE00 |
| CAR2208     | LU06659 | CAS9F00 |
|             | LU06560 | CAS9F00 |
|             | LU06495 | CAS9F00 |
|             | LU06320 | CAS9F00 |
|             | LU06316 | CAW1F00 |
|             | LU05923 | CAS9F00 |
|             | LU05750 | CAW1F00 |
|             | LU05531 | CAS9F00 |
|             | LU05108 | CAS9F00 |
| CAR2207     | SO14576 | CAW1F00 |
|             | LU06135 | CAW1F00 |
|             | LU06029 | CFF6F00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | LU05792 | CAS9F00 |
|             | LU05724 | CAS9F00 |
|             | LU05527 | CAS9F00 |
|             | LU05332 | CAS9F00 |
| CAR2206     | LU05666 | CAS9F00 |
|             | LU05637 | CAS9F00 |
|             | LU05566 | CAW1F00 |
| CAR2205     | LU05510 | CAW1F00 |
|             | LU05509 | CAS9F00 |
|             | LU05476 | CAW1F00 |
|             | LU05449 | CFF6F00 |
|             | LU05368 | CFF6F00 |
|             | LU05264 | CAW1F00 |
|             | LU04911 | CAS9F00 |
| CAR2204     | LU05159 | CFF6F00 |
|             | LU05158 | CAW1F00 |
|             | LU05157 | CAS9F00 |
|             | LU05062 | CAW1F00 |
|             | LU04937 | CFF6F00 |
|             | LU04879 | CAW1F00 |
|             | LU04116 | CFF6F00 |
| CAR2203     | SO11613 | CAW1F00 |
|             | LU04860 | CAS9F00 |
|             | LU04572 | CAS9F00 |
|             | LU04507 | CAS9F00 |
|             | LU03868 | CFF6F00 |
|             | LU03522 | CFF6F00 |
|             | LU03375 | CAW1F00 |
| CAR2202     | LU04258 | CAS9F00 |
|             | LU03902 | CFF6F00 |
|             | LU03635 | CAW1F00 |
| CAR2201     | LU04065 | CFF6F00 |
|             | LU03922 | CFF6F00 |
|             | LU03756 | CBUJE00 |
|             | LU03641 | CFF6F00 |
|             | LU03516 | CAS9F00 |
|             | LU03404 | CAW1F00 |
|             | LU03064 | CAS9F00 |
| CAR2112     | SO13214 | CAS9F00 |
|             | LU03511 | CFF6F00 |
|             | LU02969 | CFF6F00 |
|             | LU02052 | CAW1F00 |
|             | LU01447 | CAS9F00 |
|             | LU00181 | CAW1F00 |
| CAR2111     | LU03194 | CAS9F00 |
|             | LU03020 | CFF6F00 |
|             | LU02917 | CFF6F00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | LU02754 | CAS9F00 |
| CAR2110     | LU02020 | CAS9F00 |
|             | LU01660 | CAS9F00 |
| CAR2109     | LU02463 | CAS9F00 |
|             | LU02461 | CAW1F00 |
|             | LU02429 | CFF6F00 |
|             | LU02348 | CAS9F00 |
|             | LU02310 | CBUJE00 |
|             | LU02251 | CAW1F00 |
|             | LU02099 | CAW1F00 |
|             | LU02098 | CAS9F00 |
|             | LU01961 | CAS9F00 |
|             | LU01755 | CFF6F00 |
|             | LU01130 | CAS9F00 |
|             | LU01092 | CAW1F00 |
| CAR2108     | SO16137 | CAW1F00 |
|             | LU02177 | CAS9F00 |
|             | LU02071 | CFF6F00 |
|             | LU01857 | CFF6F00 |
|             | LU01733 | CAW1F00 |
| CAR2107     | LU01592 | CAS9F00 |
|             | LU01507 | CFF6F00 |
|             | LU01318 | CBYSE00 |
|             | LU01294 | CAW1F00 |
|             | LU01052 | CBYSE00 |
|             | LU00952 | CAS9F00 |
|             | LU00786 | CAW1F00 |
| CAR2106     | LU01300 | CAW1F00 |
| CAR2105     | LU00614 | CAS9F00 |
| CAR2104     | SO15973 | CAS9F00 |
|             | LU00654 | CFF6F00 |
|             | LU00481 | CFF6F00 |
|             | LU00070 | CAS9F00 |
| CAR2103     | SO16066 | CFF6F00 |
|             | SO15717 | CBYSE00 |
|             | LU00380 | CAS9F00 |
|             | LU00348 | CBUJE00 |
|             | LU00100 | CAS9F00 |
| CAR2102     | SO16121 | CFF6F00 |
|             | SO15984 | CAW1F00 |
|             | SO15983 | CAS9F00 |
|             | SO15901 | CAS9F00 |
|             | SO15892 | CAS9F00 |
|             | SO15679 | CFF6F00 |
|             | SO15572 | CAS9F00 |
|             | SO14658 | CBYSE00 |
| CAR2101     | SO16027 | CFF6F00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S015859 | CAS9F00 |
|             | S015161 | CAS9F00 |
|             | S014454 | CFF6F00 |
| CAR2012     | S015545 | CFF6F00 |
|             | S015509 | CAS9F00 |
|             | S015404 | CFF6F00 |
|             | S015317 | CAW1F00 |
| CAR2011     | S015262 | CFF6F00 |
|             | S014954 | CFF6F00 |
|             | S014946 | CAS9F00 |
|             | S014749 | CAS9F00 |
|             | S014414 | CAW1F00 |
|             | S014209 | CAS9F00 |
| CAR2010     | S014880 | CFF6F00 |
|             | S014822 | CAS9F00 |
|             | S014686 | CFF6F00 |
|             | S014650 | CFF6F00 |
|             | S014632 | CAW1F00 |
|             | S013899 | CAW1F00 |
|             | S013835 | CAW1F00 |
| CAR2009     | S013696 | CAS9F00 |
|             | S013674 | CAW1F00 |
|             | S013644 | CFF6F00 |
|             | S013238 | CAS9F00 |
| CAR2008     | S013976 | CAW1F00 |
|             | S013406 | CXE6100 |
|             | S013324 | CAW1F00 |
|             | S012877 | CAW1F00 |
|             | S012876 | CAW1F00 |
|             | S012102 | CXE6100 |
|             | S011905 | CXE6100 |
| CAR2007     | S013165 | CFF6F00 |
|             | S013050 | CAW1F00 |
|             | S013038 | CFF6F00 |
|             | S013027 | CAS9F00 |
|             | S012874 | CAS9F00 |
|             | S007688 | CAW1F00 |
| CAR2006     | S012986 | CFF6F00 |
|             | S012863 | CFF6F00 |
|             | S012800 | CAS9F00 |
|             | S012541 | CAS9F00 |
|             | S007050 | CAS9F00 |
| CAR2005     | S012649 | CBUJE00 |
|             | S012643 | CBYSE00 |
|             | S012499 | CAS9F00 |
|             | S012236 | CAW1F00 |
|             | S011600 | CAW1F00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S011599 | CAW1F00 |
|             | S006721 | CAW1F00 |
| CAR2004     | S012269 | CAS9F00 |
|             | S012199 | CAS9F00 |
|             | S011990 | CAS9F00 |
|             | S011876 | CFF6F00 |
|             | S011634 | CAS9F00 |
|             | S011007 | CAW1F00 |
|             | S011006 | CAS9F00 |
| CAR2003     | S011826 | CAS9F00 |
|             | S011760 | CFF6F00 |
|             | S011227 | CFF6F00 |
|             | S010683 | CAS9F00 |
|             | S010325 | CFF6F00 |
|             | S009527 | CAW1F00 |
|             | S009273 | CAS9F00 |
| CAR2002     | S011618 | CFF6F00 |
|             | S011358 | CBUJE00 |
|             | S011182 | CFF6F00 |
|             | S010688 | CAS9F00 |
|             | S006282 | CAW1F00 |
| CAR2001     | S011014 | CFF6F00 |
|             | S010936 | CFF6F00 |
|             | S010864 | CAW1F00 |
|             | S010036 | CAW1F00 |
|             | S009669 | CAW1F00 |
| CAR1912     | S010775 | CAS9F00 |
|             | S010579 | CAW1F00 |
|             | S010301 | CAW1F00 |
|             | S010035 | CAW1F00 |
| CAR1911     | S010574 | CFF6F00 |
|             | S010253 | CAS9F00 |
|             | S010182 | CAW1F00 |
|             | S010076 | CAW1F00 |
|             | S010020 | CAW1F00 |
|             | S009711 | CAW1F00 |
|             | S008952 | CFF6F00 |
| CAR1910     | S010064 | CAW1F00 |
|             | S009996 | CFF6F00 |
|             | S009804 | CBUJE00 |
|             | S009631 | CBYSE00 |
|             | S008991 | CAS9F00 |
|             | S008287 | CAW1F00 |
|             | S007952 | CAS9F00 |
| CAR1909     | S009412 | CAW1F00 |
|             | S009072 | CAW1F00 |
|             | S008819 | CAW1F00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S008818 | CAS9F00 |
| CAR1908     | S009090 | CAW1F00 |
| CAR1907     | S008532 | CFF6F00 |
|             | S008354 | CAS9F00 |
|             | S008067 | CAS9F00 |
|             | S007578 | CAW1F00 |
|             | S007251 | CAW1F00 |
| CAR1906     | S008469 | CAS9F00 |
|             | S008372 | CAW1F00 |
|             | S007993 | CFF6F00 |
|             | S007639 | CFF6F00 |
|             | S007591 | CAS9F00 |
|             | S007367 | CAW1F00 |
|             | S007250 | CAW1F00 |
|             | S007248 | CAW1F00 |
| CAR1905     | S007863 | CFF6F00 |
| CAR1904     | S007681 | CAW1F00 |
|             | S007486 | CAW1F00 |
|             | S007363 | CAW1F00 |
|             | S007021 | CAS9F00 |
| CAR1903     | S007047 | CFF6F00 |
|             | S006935 | CFF6F00 |
|             | S006329 | CAW1F00 |
| CAR1902     | S006924 | CBUJE00 |
| CAR1810     | S005412 | CBYSE00 |
| CAR1809     | S005049 | CBYSE00 |
| CAR1808     | R097402 | CBYSE00 |
| CAR1804     | R097691 | CBYSE00 |
| CAR1711     | R098482 | CBUJE00 |
|             | R097316 | CCF9E00 |
| CAR1709     | R097611 | CCF3E00 |
| CAR1707     | R096451 | CBYSE00 |
| CAR1706     | R095554 | CBYSE00 |
| CAR1703     | R094690 | CBUJE00 |
|             | R093985 | CBYSE00 |
| CAR1702     | R093715 | CBUJE00 |
| CAR1701     | R093725 | CBUJE00 |
|             | R093330 | CBUJE00 |
| CAR1610     | R092036 | CBUJE00 |
| CAR1605     | R087227 | CBYSE00 |
| CAR1602     | R081391 | CBYSE00 |
| CAR1601     | R086410 | CBUJE00 |
| CAR1508     | R081869 | CBUJE00 |
| CAR1506     | R080766 | CBYSE00 |
| CAR1505     | R078952 | CBYSE00 |
|             | R067470 | CBYSE00 |
| CAR1504     | R079147 | CBUJE00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| CAR1503     | R078090 | CBUJE00 |
| CAR1501     | R070933 | CBUJE00 |
| CAR1412     | R074426 | CXE6100 |
|             | R074424 | CDU4E00 |
|             | R074423 | CASR710 |
|             | R074422 | CAF3E00 |
| CAR1410     | R073883 | CBUJE00 |
| CAR1403     | R065915 | CBUJE00 |
| CAR1310     | R060299 | CBUJE00 |
| CAR1309     | R061814 | CBUJE00 |
| CAR1307     | R060266 | CCF3E00 |
| CAR1306     | R054563 | CBYSE00 |
|             | R054215 | CAF3E00 |
|             | R053266 | CBYSE00 |
|             | R052802 | CBUJE00 |
| CAR1303     | R051254 | CBYSE00 |
| CAR1212     | R050858 | CXE6100 |
|             | R050855 | CASR710 |
|             | R050852 | CDU4E00 |
|             | R050849 | CAF3E00 |
|             | R049438 | CBYSE00 |
|             | R049259 | CBUJE00 |
|             | R047728 | CXE6100 |
|             | R047666 | CDU4E00 |
|             | R047625 | CASR710 |
|             | R047591 | CBYSE00 |
|             | R047590 | CBYSE00 |
|             | R047516 | CAF3E00 |
|             | R047492 | CBUJE00 |
| CAR1210     | R047104 | CBYSE00 |
|             | R046688 | CBYSE00 |
|             | R046172 | CBYSE00 |
|             | R046170 | CBYSE00 |
|             | R045565 | CCF9E00 |
|             | R045564 | CBYSE00 |
|             | R045502 | CCF3E00 |
|             | R045372 | CBYSE00 |
|             | R044455 | CCF3E00 |
|             | R044367 | CCF9E00 |
|             | R044289 | CBYSE00 |
| CAR1207     | R043136 | CBYSE00 |
|             | R042823 | CBYSE00 |
|             | R039025 | CBYSE00 |
| CAR1204     | R035679 | CCF9E00 |
| CAR1201     | ZXE6108 | CXE6100 |
|             | R034514 | CBUJE00 |
|             | R034310 | CBYSE00 |

| CA RS<br>Level | Service | FMID    |
|----------------|---------|---------|
|                | R034162 | CXE6100 |
|                | R032753 | CBUJE00 |
|                | R031903 | CDU4E00 |
|                | R031779 | CBYSE00 |
|                | R031650 | CBUJE00 |
|                | R031058 | CBYSE00 |
|                | R029788 | CBYSE00 |
|                | R029065 | CBYSE00 |
|                | R028425 | CBYSE00 |
|                | R027053 | CCF9E00 |
|                | R026162 | CBYSE00 |
|                | R025737 | CXE6100 |
|                | R020913 | CXE6100 |
|                | Q095030 | CXE6100 |
| CAR1010        | Q089740 | CXE6100 |
|                | Q083915 | CXE6100 |