

CA Datacom/DB 15.1  
CA RS 2107 Service List

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| Service                                             | Description                                                | Type      |
|-----------------------------------------------------|------------------------------------------------------------|-----------|
| LU01079                                             | ENHANCEMENT: MUF RESTART REPORT IMPROVEMENTS               | PTF       |
| LU01081                                             | MUF EOJ SYSTEM COMPLETION CODE=0CA REASON CODE=0000000A    | PTF       |
| LU01266                                             | ENHANCEMENT: VALIDATION SITE TESTING OF BUFFER_POOL_INDEX  | PTF       |
| LU01400                                             | ENHANCEMENT: PROVIDE QA EXTENDED TEST CAPABILITY           | PTF       |
| LU01452                                             | ENHANCEMENT: DISCONNECT_TASK SUPPORT                       | PTF       |
| LU01483                                             | ALLOW ALL LIKE PREDICATES TO RESTRICT INDEX SCAN RANGE     | PTF       |
| LU01545                                             | ENHANCEMENT: DELIVERS CODE AS BASIS FOR FUTURE ENHANCEMENT | PTF       |
| LU01591                                             | MUF SOC4 IN MODULE DBIDXPR USING LONG KEYS                 | **HIPER** |
| LU01636                                             | ENHANCEMENT: SQL LIKE PREDICATE IN CBS                     | PTF       |
| LU01689                                             | ENHANCEMET: USE 64 BIT STORAGE FOR DXX BDES                | PTF       |
| LU01834                                             | POSSIBLE NON-STANDARD META-DATA IN THE DDD.                | *HIP/PRP* |
| LU01925                                             | BTG0015 DOES NOT CONTAIN SQL SOURCE CACHE                  | PTF       |
| The CA RS 2107 service count for this release is 12 |                                                            |           |

CA Datacom/DB  
CA RS 2107 Service List for CAADF10

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| FMID                                            | Service | Description                                 | Type      |
|-------------------------------------------------|---------|---------------------------------------------|-----------|
| CAADF10                                         | LU01834 | POSSIBLE NON-STANDARD META-DATA IN THE DDD. | *HIP/PRP* |
| The CA RS 2107 service count for this FMID is 1 |         |                                             |           |

CA Datacom/DB  
CA RS 2107 Service List for CABDF10

| FMID                                             | Service | Description                                                | Type       |
|--------------------------------------------------|---------|------------------------------------------------------------|------------|
| CABDF10                                          | LU01079 | ENHANCEMENT: MUF RESTART REPORT IMPROVEMENTS               | PTF        |
|                                                  | LU01081 | MUF EOJ SYSTEM COMPLETION CODE=OCA REASON CODE=0000000A    | PTF        |
|                                                  | LU01266 | ENHANCEMENT: VALIDATION SITE TESTING OF BUFFER_POOL_INDEX  | PTF        |
|                                                  | LU01400 | ENHANCEMENT: PROVIDE QA EXTENDED TEST CAPABILITY           | PTF        |
|                                                  | LU01452 | ENHANCEMENT: DISCONNECT_TASK SUPPORT                       | PTF        |
|                                                  | LU01545 | ENHANCEMENT: DELIVERS CODE AS BASIS FOR FUTURE ENHANCEMENT | PTF        |
|                                                  | LU01591 | MUF SOC4 IN MODULE DBIDXPR USING LONG KEYS                 | ***HIPER** |
|                                                  | LU01636 | ENHANCEMENT: SQL LIKE PREDICATE IN CBS                     | PTF        |
|                                                  | LU01689 | ENHANCEMET: USE 64 BIT STORAGE FOR DXX BDES                | PTF        |
|                                                  | LU01925 | BTG0015 DOES NOT CONTAIN SQL SOURCE CACHE                  | PTF        |
| The CA RS 2107 service count for this FMID is 10 |         |                                                            |            |

CA Datacom/DB  
CA RS 2107 Service List for CAVEF10

| FMID                                            | Service | Description                                            | Type |
|-------------------------------------------------|---------|--------------------------------------------------------|------|
| CAVEF10                                         | LU01483 | ALLOW ALL LIKE PREDICATES TO RESTRICT INDEX SCAN RANGE | PTF  |
| The CA RS 2107 service count for this FMID is 1 |         |                                                        |      |

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CA RS 2107 - PTF LU01079 Details

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| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| LU01079 | <p>LU01079 M.C.S. ENTRIES = ++PTF (LU01079)</p> <p>ENHANCEMENT: MUF RESTART REPORT IMPROVEMENTS</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>This product enhancement delivers code which provides support for additional reports which will be produced if the CA Datacom/DB Multi-User Facility (MUF) is restarted due to a previous MUF failure.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom/DB Release 15.1</p> <p>Related Problem:</p> <p>DB 13516</p> <p>Copyright (C) 2021 CA. All rights reserved. R00877-DCM151-SP2</p> <p>DESC(ENHANCEMENT: MUF RESTART REPORT IMPROVEMENTS).</p> <p>++VER (Z038)</p> <p>FMID (CABDF10)</p> <p>PRE ( LU00047 LU01370 R088530 R090903 R091015 R092259 R092858 R094280 R096053 S000007 S005665 S006133 S007233 S008300 S009143 )</p> <p>SUP ( LT01079 R091515 R095564 R096191 S009679 ST09500 ST09679 TR91515 TR95068 TR95564 TR96191 )</p> <p>++HOLD (LU01079) SYSTEM FMID(CABDF10)</p> <p>REASON (DOC ) DATE (21168)</p> <p>COMMENT (</p> <p>+-----+</p> <p>  CA Datacom/DB Release 15.1  </p> <p>+-----+</p> <p>*****</p> <p>* PUBLICATION *</p> <p>*****</p> <p>Documentation for the new RESTART SYSOUT reports included in this solution can be found in the Datacom Core - 15.1 TechDocs space, which can be found at the following link by carefully removing the imbedded blanks it contains:</p> <p><a href="https://techdocs.broadcom.com/us/en/ca-mainframe-software/database-management/ca-datacom/15-1/release-notes-and-product-information/ca-datacom-features.html">https://techdocs.broadcom.com/us/en/ca-mainframe-software/database-management/ca-datacom/15-1/release-notes-and-product-information/ca-datacom-features.html</a></p> <p>).</p> |

CA Datacom/DB 15.1  
CA RS 2107 - PTF LU01081 Details

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| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LU01081 | <p>LU01081 M.C.S. ENTRIES = ++PTF (LU01081)</p> <p>MUF EOJ SYSTEM COMPLETION CODE=OCA REASON CODE=0000000A</p> <p>PROBLEM DESCRIPTION:</p> <p>The CA Datacom/DB Multi-User Facility (MUF) can abend with system completion code OCA, reason code 000A (decimal overflow exeption), during EOJ processing.</p> <p>SYMPTOMS:</p> <p>MUF abends with system completion code OCA, reason code 000A, during EOJ processing in module DBMRPPR.</p> <p>IMPACT:</p> <p>MUF abends during EOJ, causing RESTART processing at the next STARTUP.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom/DB <span style="float: right;">Release 15.1</span></p> <p>Related Problem:</p> <p>DB 13529</p> <p>Copyright (C) 2021 CA. All rights reserved. R00878-DCM151-SP2</p> <p>DESC(MUF EOJ SYSTEM COMPLETION CODE=OCA REASON CODE=0000000A).</p> <p>++VER (Z038)</p> <p>FMID (CABDF10)</p> <p>PRE ( R088530 R090486 R091015 R091404 R092858 R093647</p> <p>R094095 R096300 R098683 R099738 S001215 S003853</p> <p>S004931 S007233 S010748 S013162 S015660 )</p> <p>SUP ( LT01081 S009494 S012048 ST09340 ST09494 ST12048 )</p> |

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CA RS 2107 - PTF LU01266 Details

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| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| LU01266 | <p>LU01266 M.C.S. ENTRIES = ++PTF (LU01266)</p> <p>ENHANCEMENT: VALIDATION SITE TESTING OF BUFFER_POOL_INDEX</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>This product enhancement delivers code which provides early validation support for a new Buffer Pool by Area capability for index buffers.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom/DB Release 15.1</p> <p>Related Problem:</p> <p>DB 13666</p> <p>Copyright (C) 2021 CA. All rights reserved. R00887-DCM151-SP2</p> <p>DESC (ENHANCEMENT: VALIDATION SITE TESTING OF BUFFER_POOL_INDEX) .</p> <p>++VER (Z038)</p> <p>FMID (CABDF10)</p> <p>PRE ( LU00071 LU00174 LU00290 R088469 R088863 R090075<br/> R090276 R090486 R090903 R091015 R091404 R091632<br/> R092259 R092441 R092858 R093647 R094001 R094095<br/> R095667 R095915 R096260 R097382 R097626 R097757<br/> R097818 R098604 R099532 R099675 R099738 R099902<br/> R099997 S000074 S001597 S003799 S004057 S004298<br/> S004931 S005129 S005964 S006365 S006748 S006815<br/> S007233 S007496 S007900 S008500 S008622 S009648<br/> S009683 S010109 S010395 S011247 S011678 S011975<br/> S012203 S013716 S014507 S014998 S015187 S015871 )<br/> SUP ( AL00071 EC90081 HC90081 LT00172 LT01266 LU00172<br/> R092600 R095277 R096370 R097723 S001230 S004538<br/> S004997 S005404 S005492 S006676 S007166 S008697<br/> S008775 S009219 S010720 S011562 S012771 S013090<br/> S014115 S014980 ST01230 ST04538 ST04997 ST05404<br/> ST05492 ST06676 ST07166 ST08697 ST08775 ST09219<br/> ST10720 ST11562 ST12771 ST13090 ST14115 ST14980<br/> TR92600 TR95277 TR96370 TR97723 XC90081 )</p> |

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CA RS 2107 - PTF LU01400 Details

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| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| LU01400 | <p>LU01400 M.C.S. ENTRIES = ++PTF (LU01400)</p> <p>ENHANCEMENT: PROVIDE QA EXTENDED TEST CAPABILITY</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>This product enhancement delivers updated code that is needed to facilitate internal QA testing.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom/DB <span style="float: right;">Release 15.1</span></p> <p>Related Problem:</p> <p>DB 13655</p> <p>Copyright (C) 2021 CA. All rights reserved. R00897-DCM151-SP2</p> <p>DESC(ENHANCEMENT: PROVIDE QA EXTENDED TEST CAPABILITY).</p> <p>++VER (Z038)</p> <p>FMID (CABDF10)</p> <p>PRE ( R088469 R090075 R090182 R091632 R092858 R093647<br/>R094001 R094095 R096499 R097700 S004559 S006133<br/>S008300 S011513 S013594 )</p> <p>SUP ( AS00629 AS09610 LT00457 LT01400 R091254 R092243<br/>R093616 R094902 R096313 R097329 S000629 S001443<br/>S004151 S006404 S006613 S007480 S007733 S008602<br/>S009610 S009835 S012165 S013040 S015552 ST00629<br/>ST01443 ST04151 ST06404 ST06613 ST07480 ST07733<br/>ST08602 ST09610 ST09835 ST12165 ST13040 ST15552<br/>TC90081 TR91254 TR92243 TR93616 TR94902 TR96313<br/>TR97329 )</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| LU01452 | <p>LU01452 M.C.S. ENTRIES = ++PTF (LU01452)</p> <p>ENHANCEMENT: DISCONNECT_TASK SUPPORT</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>This product enhancement delivers code which provides support for a new "console-like" command, DISCONNECT_TASK. This new command can be used to disconnect a task from the CA Datacom/DB Multi-User Facility (MUF) without canceling the associated batch job (such as Sysview).</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom/DB Release 15.1</p> <p>Related Problem:</p> <p>DB 13363</p> <p>Copyright (C) 2021 CA. All rights reserved. R00899-DCM151-SP2</p> <p>DESC(ENHANCEMENT: DISCONNECT_TASK SUPPORT).</p> <p>++VER (Z038)</p> <p>FMID (CABDF10)</p> <p>PRE ( LU00290 R090075 R090486 R090903 R091015 R091632<br/>R092259 R092858 R093647 R094095 R095667 R096447<br/>R096769 R097082 R097818 R099532 R099738 S000007<br/>S001184 S003799 S006365 S007519 S009683 S011951<br/>S012203 S015187 )</p> <p>SUP ( LT01452 S001724 S005206 S013463 ST01724 ST03768<br/>ST05206 ST13463 )</p> <p>++HOLD (LU01452) SYSTEM FMID(CABDF10)</p> <p>REASON (DOC ) DATE (21167)</p> <p>COMMENT (</p> <pre> +-----+        CA Datacom/DB                      Release 15.1        +-----+ ***** *          PUBLICATION          * ***** Documentation for the new DISCONNECT_TASK command included in this solution can be found in the Datacom Core - 15.1 TechDocs space, which can be found at the following link by carefully removing the imbedded blanks it contains: https://techdocs.broadcom.com/us/en/ca-mainframe-software/ database-management/ca-datacom/15-1/ release-notes-and-product-information/ca-datacom-features.html ).</pre> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| LU01483 | <p>LU01483 M.C.S. ENTRIES = ++PTF (LU01483)</p> <p>ALLOW ALL LIKE PREDICATES TO RESTRICT INDEX SCAN RANGE</p> <p>PROBLEM DESCRIPTION:</p> <p>PTF S015755 should have activated the enhancement to pass all LIKE predicates to the Compound Boolean Selection Facility (CBS), so index scan range can be restricted if the column is in the traversal index. But due to an error, it did not. This solution activates this performance enhancement.</p> <p>Note that LIKE "XYZ%" patterns selecting leading columns is converted to a short EQ predicate and can restrict index scan range.</p> <p>SYMPTOMS:</p> <p>LIKE predicates do not restrict index scan range.</p> <p>IMPACT:</p> <p>Queries with LIKE do not execute more efficiently.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom SQL <span style="float: right;">Release 15.1</span></p> <p>Related Problem:</p> <p>SQL 13843</p> <p>Copyright (C) 2021 CA. All rights reserved. R00900-DCM151-SP2</p> <p>DESC(ALLOW ALL LIKE PREDICATES TO RESTRICT INDEX SCAN RANGE) .</p> <p>++VER (Z038)</p> <p>FMID (CAVEF10)</p> <p>PRE ( R090826 R093613 S007544 S011629 S013173 S013526</p> <p>S015755 )</p> <p>SUP ( AS07544 LT01483 S009994 ST09994 )</p> <p>++IF FMID(CABDF10) REQ(LU01636 ) .</p> |

CA Datacom/DB 15.1  
CA RS 2107 - PTF LU01545 Details

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| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| LU01545 | <p>LU01545 M.C.S. ENTRIES = ++PTF (LU01545)</p> <p>ENHANCEMENT: DELIVERS CODE AS BASIS FOR FUTURE ENHANCEMENT</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>This product enhancement delivers updated code which will form the basis for future code changes.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom/DB <span style="float: right;">Release 15.1</span></p> <p>Related Problem:</p> <p>DB 13873</p> <p>Copyright (C) 2021 CA. All rights reserved. R00902-DCM151-SP2</p> <p>DESC(ENHANCEMENT: DELIVERS CODE AS BASIS FOR FUTURE ENHANCEMENT).</p> <p>++VER (Z038)</p> <p>FMID (CABDF10)</p> <p>PRE ( LU00174 R088530 R090075 R090276 R090486 R091015<br/> R091632 R092259 R092858 R093251 R094001 R095548<br/> R095667 R097082 R097626 R097818 R099532 R099902<br/> S001597 S003799 S006365 S006692 S007900 S008120<br/> S009683 S014507 S015871 )</p> <p>SUP ( LT01545 S000035 S005278 S010571 S015186 ST00035<br/> ST05278 ST10571 ST15186 )</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| LU01591 | <p>LU01591 M.C.S. ENTRIES = ++PTF (LU01591)</p> <p>MUF SOC4 IN MODULE DBIDXPR USING LONG KEYS</p> <p>PROBLEM DESCRIPTION:</p> <p>The CA Datacom/AD Multi-User Facility (MUF) abends with code SOC4 in module DBIDXPR. This can occur if certain types of index counting requests are issued against a long key whose length is greater than 180 bytes.</p> <p>Examples of the counting requests which may cause this abend are:</p> <ol style="list-style-type: none"> <li>1) CBS statistical population counting because more than one candidate key is chosen, and one of the keys subject to population counting is a long key.</li> <li>2) Running a DEFrag which does internal population counting to produce status updates.</li> </ol> <p>The abend occurs because the task doing the counting overlays another task's working storage while that other task is running. Therefore, not all instances of this type of counting cause an abend.</p> <p>SYMPTOMS:</p> <p>MUF abends with a SOC4 in module DBIDXPR.</p> <p>IMPACT:</p> <p>There is a MUF outage.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom/DB <span style="float: right;">Release 15.1</span></p> <p>Related Problem:</p> <p>DB 13880</p> <p>Copyright (C) 2021 CA. All rights reserved. R00903-DCM151-SP2</p> <p>DESC(MUF SOC4 IN MODULE DBIDXPR USING LONG KEYS).</p> <p>++VER (Z038)</p> <p>FMID (CABDF10)</p> <p>PRE ( LU00290 LU01266 R088863 R090903 R091015 R091404<br/>R092441 R097382 R097757 R098604 R099675 R099902<br/>S000074 S004931 S006815 S007496 S008622 S010109<br/>S011247 S011678 S011975 S012203 S013716 S014998 )<br/>SUP ( LT01591 S009219 S010720 S012771 S013090 ST09219<br/>ST10720 ST12771 ST13090 )</p> |

| Service        | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |              |                |              |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|----------------|--------------|
| LU01636        | <p>LU01636 M.C.S. ENTRIES = ++PTF (LU01636)</p> <p>ENHANCEMENT: SQL LIKE PREDICATE IN CBS</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>This product enhancement delivers code which provides support for the Compound Boolean Selection (CBS) facility to directly process SQL LIKE predicates in more cases. This can provide performance improvements for such cases.</p> <p>PRODUCT(S) AFFECTED:</p> <table> <tr> <td>CA Datacom/DB</td><td>Release 15.1</td></tr> <tr> <td>CA Datacom SQL</td><td>Release 15.1</td></tr> </table> <p>Related Problem:</p> <p>DB 13930</p> <p>Copyright (C) 2021 CA. All rights reserved. R00904-DCM151-SP2</p> <p>DESC(ENHANCEMENT: SQL LIKE PREDICATE IN CBS).</p> <p>++VER (Z038)</p> <p>FMID (CABDF10)</p> <p>PRE ( R092259 R095667 S010395 S011479 S015521 )</p> <p>SUP ( LT01636 R090197 R098142 R098800 S000922 S004938</p> <p>S007141 S016096 ST00922 ST04938 ST07141 ST16096</p> <p>TR90197 TR98142 TR98800 )</p> | CA Datacom/DB | Release 15.1 | CA Datacom SQL | Release 15.1 |
| CA Datacom/DB  | Release 15.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |              |                |              |
| CA Datacom SQL | Release 15.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |              |                |              |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| LU01689 | <p>LU01689 M.C.S. ENTRIES = ++PTF (LU01689)</p> <p>ENHANCEMET: USE 64 BIT STORAGE FOR DXX BDES</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>This product enhancement delivers code which provides support for using 64 bit storage for part of the DXX BDE's. This will free 31-bit memory for other purposes especially at sites with a large number of DXX buffers.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom/DB Release 15.1</p> <p>Related Problem:</p> <p>DB 13955</p> <p>Copyright (C) 2021 CA. All rights reserved. R00907-DCM151-SP2</p> <p>DESC(ENHANCEMET: USE 64 BIT STORAGE FOR DXX BDES).</p> <p>++VER (Z038)</p> <p>FMID (CABDF10)</p> <p>PRE ( LU00172 LU01545 R095667 S006957 S007900 S014507 )</p> <p>SUP ( LT01689 )</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| LU01834 | <p>LU01834 M.C.S. ENTRIES = ++PTF (LU01834)</p> <p>POSSIBLE NON-STANDARD META-DATA IN THE DDD.</p> <p>PROBLEM DESCRIPTION:</p> <p>There exists the possibility of modifying meta-data in the DDD such that content becomes non-standard, possibly endangering the ability to perform a standard upgrade to a future new release. This PTF prevents such modification.</p> <p>SYMPTOMS:</p> <p>Non-standard meta-data may exist in the DDD.</p> <p>IMPACT:</p> <p>Future upgrades could require assistance from Support to correct errors to enable a successful upgrade.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom Datadictionary <span style="float: right;">Release 15.1</span></p> <p>Related Problem:</p> <p>DD 14043</p> <p>Copyright (C) 2021 CA. All rights reserved. R00908-DCM151-SP2</p> <p>DESC (POSSIBLE NON-STANDARD META-DATA IN THE DDD.).</p> <p>++VER (Z038)</p> <p>FMID (CAADF10)</p> <p>PRE ( S010466 )</p> <p>SUP ( AC01847 LT01022 LT01428 LT01834 LU01022 LU01428 )</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |
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| LU01925 | <p>LU01925 M.C.S. ENTRIES = ++PTF (LU01925)</p> <p>BTG0015 DOES NOT CONTAIN SQL SOURCE CACHE</p> <p>PROBLEM DESCRIPTION:</p> <p>When attempting to install SQL as an addon, client is instructed to run SQLDD00# members. SQLDD003 uses BTG0015 as input, but BTG0015 is missing the BTG entries for the SQL Source Cache tables.</p> <p>SYMPTOMS:</p> <p>MUF message will show DDD version as 14.0:</p> <p>DB00915I - CXX DBID 15 DDD-DATABASE DEFINITION VERSION 14.0 CHANGE LEVEL 0</p> <p>IMPACT:</p> <p>MUF will reflect DDD version 14.0 without the SQL Source Cache tables. Any existing Source Cache functionality could be removed if these tables are no longer present.</p> <p>CIRCUMVENTION:</p> <p>Run CABDSAMP job BDACTDD2 to add the missing tables into the DDD.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom Datadictionary <span style="float: right;">Release 15.1</span></p> <p>Related Problem:</p> <p>DD 14109</p> <p>Copyright (C) 2021 CA. All rights reserved. R00913-DCM151-SP2</p> <p>DESC(BTG0015 DOES NOT CONTAIN SQL SOURCE CACHE).</p> <p>++VER (Z038)</p> <p>FMID (CABDF10)</p> <p>SUP ( LT01925 )</p> <table> <tr><td>MCS</td><td>LU01079</td><td>STARTS ON PAGE 0002</td></tr> <tr><td>MCS</td><td>LU01081</td><td>STARTS ON PAGE 0002</td></tr> <tr><td>MCS</td><td>LU01266</td><td>STARTS ON PAGE 0003</td></tr> <tr><td>MCS</td><td>LU01400</td><td>STARTS ON PAGE 0004</td></tr> <tr><td>MCS</td><td>LU01452</td><td>STARTS ON PAGE 0005</td></tr> <tr><td>MCS</td><td>LU01483</td><td>STARTS ON PAGE 0006</td></tr> <tr><td>MCS</td><td>LU01545</td><td>STARTS ON PAGE 0007</td></tr> <tr><td>MCS</td><td>LU01591</td><td>STARTS ON PAGE 0007</td></tr> <tr><td>MCS</td><td>LU01636</td><td>STARTS ON PAGE 0008</td></tr> <tr><td>MCS</td><td>LU01689</td><td>STARTS ON PAGE 0009</td></tr> <tr><td>MCS</td><td>LU01834</td><td>STARTS ON PAGE 0010</td></tr> <tr><td>MCS</td><td>LU01925</td><td>STARTS ON PAGE 0011</td></tr> </table> |                     | MCS | LU01079 | STARTS ON PAGE 0002 | MCS | LU01081 | STARTS ON PAGE 0002 | MCS | LU01266 | STARTS ON PAGE 0003 | MCS | LU01400 | STARTS ON PAGE 0004 | MCS | LU01452 | STARTS ON PAGE 0005 | MCS | LU01483 | STARTS ON PAGE 0006 | MCS | LU01545 | STARTS ON PAGE 0007 | MCS | LU01591 | STARTS ON PAGE 0007 | MCS | LU01636 | STARTS ON PAGE 0008 | MCS | LU01689 | STARTS ON PAGE 0009 | MCS | LU01834 | STARTS ON PAGE 0010 | MCS | LU01925 | STARTS ON PAGE 0011 |
| MCS     | LU01079                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | STARTS ON PAGE 0002 |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |
| MCS     | LU01081                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | STARTS ON PAGE 0002 |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |
| MCS     | LU01266                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | STARTS ON PAGE 0003 |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |
| MCS     | LU01400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | STARTS ON PAGE 0004 |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |
| MCS     | LU01452                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | STARTS ON PAGE 0005 |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |
| MCS     | LU01483                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | STARTS ON PAGE 0006 |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |
| MCS     | LU01545                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | STARTS ON PAGE 0007 |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |
| MCS     | LU01591                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | STARTS ON PAGE 0007 |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |
| MCS     | LU01636                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | STARTS ON PAGE 0008 |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |
| MCS     | LU01689                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | STARTS ON PAGE 0009 |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |
| MCS     | LU01834                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | STARTS ON PAGE 0010 |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |
| MCS     | LU01925                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | STARTS ON PAGE 0011 |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |     |         |                     |

CA Datacom/DB 15.1  
CA RS 2107 Product/Component Listing

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| Product Family                                               | Product                      | Release  |
|--------------------------------------------------------------|------------------------------|----------|
| Database                                                     | CA DATACOM DATADictionary    | 15.01.00 |
|                                                              | CA DATACOM FAST RESTORE      | 15.01.00 |
|                                                              | CA DATACOM METACOBOL SUPPORT | 15.01.00 |
|                                                              | CA DATACOM PRESSPACK         | 15.01.00 |
|                                                              | CA DATACOM SQL               | 15.01.00 |
|                                                              | CA DATACOM/DB                | 15.01.00 |
|                                                              | CA DATAQUERY FOR CA DATACOM  | 15.01.00 |
| The CA RS 2107 Product/Component Count for this release is 7 |                              |          |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| CAR2107     | LU01925 | CABDF10 |
|             | LU01834 | CAADF10 |
|             | LU01689 | CABDF10 |
|             | LU01636 | CABDF10 |
|             | LU01591 | CABDF10 |
|             | LU01545 | CABDF10 |
|             | LU01483 | CAVEF10 |
|             | LU01452 | CABDF10 |
|             | LU01400 | CABDF10 |
|             | LU01266 | CABDF10 |
|             | LU01081 | CABDF10 |
|             | LU01079 | CABDF10 |
| CAR2106     | SO15813 | CAVEF10 |
|             | SO14577 | CAZNF10 |
|             | LU01484 | CAVEF10 |
|             | LU01428 | CAADF10 |
|             | LU01374 | CABDF10 |
|             | LU01370 | CABDF10 |
|             | LU01312 | CABDF10 |
|             | LU01302 | CABDF10 |
|             | LU01280 | CABDF10 |
|             | LU01259 | CAADF10 |
|             | LU01249 | CAVEF10 |
|             | LU01224 | CABDF10 |
|             | LU01150 | CABDF10 |
|             | LU01149 | CAVEF10 |
|             | LU01046 | CAVEF10 |
|             | LU00988 | CAVEF10 |
|             | LU00961 | CABDF10 |
| CAR2105     | SO15660 | CABDF10 |
|             | LU01022 | CAADF10 |
|             | LU00985 | CAVEF10 |
|             | LU00984 | CABDF10 |
|             | LU00981 | CAVEF10 |
|             | LU00692 | CABDF10 |
|             | LU00602 | CAVEF10 |
|             | LU00472 | CAADF10 |
|             | LU00425 | CAVEF10 |
|             | LU00354 | CAVEF10 |
|             | LU00105 | CAVEF10 |
|             | LU00065 | CAVEF10 |
| CAR2104     | LU00589 | CABDF10 |
|             | LU00290 | CABDF10 |
| CAR2103     | SO16049 | CABDF10 |
|             | LU00374 | CABDF10 |
|             | LU00309 | CABDF10 |
|             | LU00265 | CABDF10 |

| CA RS Level | Service | FMID    |
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|             | LU00189 | CABDF10 |
|             | LU00174 | CABDF10 |
|             | LU00172 | CABDF10 |
|             | LU00161 | CABDF10 |
|             | LU00128 | CABDF10 |
|             | LU00112 | CABDF10 |
|             | LU00087 | CAVEF10 |
|             | LU00056 | CAVEF10 |
|             | LU00047 | CABDF10 |
| CAR2102     | SO16096 | CABDF10 |
|             | SO16086 | CABDF10 |
|             | SO16084 | CAADF10 |
|             | SO16078 | CAVEF10 |
|             | SO16052 | CABDF10 |
|             | SO16004 | CABDF10 |
|             | SO15871 | CABDF10 |
|             | LU00071 | CABDF10 |
|             | LU00061 | CABDF10 |
|             | LU00053 | CABDF10 |
| CAR2101     | SO16036 | CABDF10 |
|             | SO16006 | CABDF10 |
|             | SO15947 | CABDF10 |
|             | SO15912 | CABDF10 |
|             | SO15889 | CAVEF10 |
|             | SO15866 | CAVEF10 |
|             | SO15862 | CABDF10 |
|             | SO15827 | CAVEF10 |
|             | SO15755 | CAVEF10 |
|             | SO15728 | CAVEF10 |
|             | SO15724 | CAADF10 |
|             | SO15552 | CABDF10 |
|             | SO15243 | CABDF10 |
|             | SO15187 | CABDF10 |
|             | SO15152 | CABDF10 |
| CAR2012     | SO15651 | CAADF10 |
|             | SO15527 | CAVEF10 |
|             | SO15521 | CABDF10 |
|             | SO15490 | CAADF10 |
|             | SO15425 | CAVEF10 |
|             | SO15342 | CAVEF10 |
|             | SO15292 | CABDF10 |
|             | SO14980 | CABDF10 |
| CAR2011     | SO15286 | CAADF10 |
|             | SO15224 | CAVEF10 |
|             | SO15186 | CABDF10 |
|             | SO15165 | CAVEF10 |
|             | SO14998 | CABDF10 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S014851 | CAADF10 |
|             | S014825 | CAVEF10 |
|             | S014818 | CABDF10 |
|             | S014813 | CAVEF10 |
|             | S014667 | CAVEF10 |
|             | S014578 | CAVEF10 |
|             | S014423 | CAVEF10 |
|             | S014067 | CABDF10 |
| CAR2010     | S015008 | CABDF10 |
|             | S014951 | CABDF10 |
|             | S014911 | CABDF10 |
|             | S014804 | CAVEF10 |
|             | S014800 | CAADF10 |
|             | S014765 | CABDF10 |
|             | S014725 | CAVEF10 |
|             | S014724 | CABDF10 |
|             | S014651 | CABDF10 |
|             | S014542 | CABDF10 |
|             | S014507 | CABDF10 |
|             | S014334 | CABDF10 |
|             | S014297 | CAVEF10 |
|             | S014271 | CAVEF10 |
|             | S014100 | CABDF10 |
|             | S014095 | CABDF10 |
| CAR2009     | S014600 | CAADF10 |
|             | S014495 | CABDF10 |
|             | S014493 | CAADF10 |
|             | S014369 | CAVEF10 |
|             | S014359 | CABDF10 |
|             | S014345 | CABDF11 |
|             | S014296 | CABDF10 |
|             | S014256 | CABDF10 |
|             | S014169 | CABDF10 |
|             | S014147 | CAVEF10 |
|             | S014105 | CAVEF10 |
|             | S014079 | CABDF10 |
|             | S013992 | CAVEF10 |
|             | S013892 | CAVEF10 |
|             | S011882 | CABDF10 |
| CAR2008     | S014115 | CABDF10 |
|             | S014070 | CABDF10 |
|             | S014068 | CAVEF10 |
|             | S013991 | CABDF10 |
|             | S013902 | CAVEF10 |
|             | S013882 | CABDF10 |
|             | S013810 | CAADF10 |
|             | S013742 | CAVEF10 |

| CA RS Level | Service | FMID    |
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|             | S013740 | CABDF10 |
|             | S013739 | CAVEF10 |
|             | S013716 | CABDF10 |
|             | S013630 | CAVEF10 |
|             | S013594 | CABDF10 |
|             | S013581 | CABDF10 |
|             | S013544 | CAVEF10 |
|             | S013526 | CAVEF10 |
|             | S013441 | CAADF10 |
|             | S013286 | CAVEF10 |
|             | S013249 | CABDF10 |
|             | S013055 | CAVEF10 |
| CAR2007     | S013667 | CABDF10 |
|             | S013593 | CABDF10 |
|             | S013463 | CABDF10 |
|             | S013425 | CABDF10 |
|             | S013398 | CABDF10 |
|             | S013370 | CABDF10 |
|             | S013173 | CAVEF10 |
|             | S013156 | CABDF10 |
|             | S013145 | CAVEF10 |
|             | S013102 | CAVEF10 |
|             | S013090 | CABDF10 |
| CAR2006     | S013189 | CABDF10 |
|             | S013162 | CABDF10 |
|             | S013093 | CAVEF10 |
|             | S013040 | CABDF10 |
|             | S012962 | CAVEF10 |
|             | S012932 | CABDF10 |
|             | S012861 | CAVEF10 |
|             | S012743 | CAVEF10 |
|             | S011965 | CABDF10 |
|             | S011513 | CABDF10 |
| CAR2005     | S012828 | CABDF10 |
|             | S012809 | CABDF10 |
|             | S012776 | CABDF10 |
|             | S012771 | CABDF10 |
|             | S012636 | CABDF10 |
|             | S012632 | CABDF10 |
|             | S012601 | CAVEF10 |
|             | S012557 | CAVEF10 |
|             | S012504 | CAVEF10 |
|             | S012497 | CAVEF10 |
|             | S012203 | CABDF10 |
|             | S012178 | CABDF10 |
|             | S011951 | CABDF10 |
|             | S006944 | CABDF11 |

| CA RS Level | Service | FMID    |
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| CAR2004     | S012202 | CAADF10 |
|             | S012165 | CABDF10 |
|             | S012048 | CABDF10 |
|             | S011975 | CABDF10 |
|             | S011629 | CAVEF10 |
|             | S011348 | CAVEF10 |
| CAR2003     | S011932 | CABDF10 |
|             | S011906 | CABDF10 |
|             | S011692 | CAADF10 |
|             | S011678 | CABDF10 |
|             | S010586 | CAVEF10 |
| CAR2002     | S011673 | CABDF10 |
|             | S011571 | CABDF10 |
|             | S011562 | CABDF10 |
|             | S011501 | CABDF10 |
|             | S011479 | CABDF10 |
|             | S011436 | CABDF10 |
|             | S011435 | CABDF10 |
|             | S011403 | CABDF10 |
|             | S011331 | CABDF10 |
|             | S011326 | CAVEF10 |
|             | S011247 | CABDF10 |
|             | S011223 | CAVEF10 |
|             | S011192 | CAVEF10 |
|             | S010960 | CAVEF10 |
|             | S010870 | CABDF10 |
|             | S010702 | CAVEF10 |
| CAR2001     | S011278 | CABDF10 |
|             | S011244 | CABDF10 |
|             | S010748 | CABDF10 |
|             | S010720 | CABDF10 |
|             | S010697 | CABDF10 |
| CAR1912     | S010776 | CABDF10 |
|             | S010727 | CABDF10 |
|             | S010624 | CABDF10 |
|             | S010580 | CABDF10 |
|             | S010571 | CABDF10 |
|             | S010439 | CABDF10 |
|             | S009551 | CAVEF10 |
|             | S008336 | CAVEF10 |
| CAR1911     | S010617 | CABDF10 |
|             | S010523 | CAADF10 |
|             | S010519 | CABDF10 |
|             | S010467 | CAVEF10 |
|             | S010466 | CAADF10 |
|             | S010462 | CAADF10 |
|             | S010416 | CABDF10 |

| CA RS Level | Service | FMID    |
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|             | S010380 | CAVEF10 |
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|             | S010335 | CAVEF10 |
|             | S010328 | CAVEF10 |
|             | S010261 | CABDF10 |
|             | S010095 | CABDF10 |
|             | S010082 | CABDF10 |
|             | S009994 | CAVEF10 |
|             | S009683 | CABDF10 |
|             | S009437 | CAVEF10 |
|             | S009190 | CAVEF10 |
| CAR1910     | S010109 | CABDF10 |
|             | S009919 | CAADF10 |
|             | S009835 | CABDF10 |
|             | S009814 | CAVEF10 |
|             | S009679 | CABDF10 |
|             | S009494 | CABDF10 |
|             | S009474 | CABDF10 |
| CAR1909     | S009749 | CAADF10 |
|             | S009682 | CABDF10 |
|             | S009648 | CABDF10 |
|             | S009610 | CABDF10 |
|             | S009543 | CABDF10 |
|             | S009510 | CABDF10 |
|             | S009479 | CABDF10 |
|             | S009464 | CABDF10 |
|             | S009367 | CABDF10 |
|             | S009270 | CABDF10 |
|             | S008758 | CAVEF10 |
| CAR1908     | S009219 | CABDF10 |
|             | S009151 | CABDF10 |
|             | S009143 | CABDF10 |
|             | S008933 | CAVEF10 |
|             | S008913 | CAADF10 |
|             | S008889 | CAVEF10 |
|             | S008801 | CAVEF10 |
|             | S008749 | CABDF10 |
|             | S008622 | CABDF10 |
|             | S008452 | CAVEF10 |
|             | S008294 | CABDF10 |
| CAR1907     | S009034 | CABDF10 |
|             | S008926 | CABDF10 |
|             | S008775 | CABDF10 |
|             | S008697 | CABDF10 |
|             | S008685 | CABDF10 |
|             | S008602 | CABDF10 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
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|             | S008488 | CABDF10 |
|             | S008444 | CABDF10 |
|             | S008394 | CABDF10 |
|             | S008374 | CAVEF10 |
|             | S008017 | CAVEF10 |
| CAR1906     | S008545 | CAADF10 |
|             | S008500 | CABDF10 |
|             | S008300 | CABDF10 |
|             | S008181 | CABDF10 |
|             | S008120 | CABDF10 |
|             | S008032 | CABDF10 |
|             | S007557 | CAVEF10 |
|             | S007544 | CAVEF10 |
| CAR1905     | S008152 | CABDF10 |
|             | S007948 | CABDF10 |
|             | S007923 | CABDF10 |
|             | S007900 | CABDF10 |
|             | S007846 | CABDF10 |
|             | S007835 | CABDF10 |
|             | S007524 | CABDF10 |
|             | S007519 | CABDF10 |
| CAR1904     | S007786 | CABDF10 |
|             | S007735 | CAADF10 |
|             | S007733 | CABDF10 |
|             | S007572 | CAADF10 |
|             | S007564 | CAADF10 |
|             | S007530 | CABDF10 |
|             | S007496 | CABDF10 |
|             | S007480 | CABDF10 |
|             | S007468 | CAVEF10 |
|             | S007461 | CAVEF10 |
|             | S007425 | CABDF10 |
|             | S007405 | CABDF10 |
|             | S007233 | CABDF10 |
|             | S007166 | CABDF10 |
|             | S007008 | CABDF10 |
|             | S006957 | CABDF10 |
| CAR1903     | S007320 | CABDF10 |
|             | S007262 | CABDF10 |
|             | S007258 | CABDF10 |
|             | S007234 | CABDF10 |
|             | S007219 | CABDF10 |
|             | S007202 | CABDF10 |
|             | S007190 | CABDF10 |
|             | S007141 | CABDF10 |
|             | S007055 | CABDF10 |

| CA RS Level | Service | FMID    |
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|             | S007039 | CABDF10 |
|             | S007034 | CABDF10 |
|             | S006999 | CAVEF10 |
|             | S006945 | CABDF10 |
|             | S006922 | CAVEF10 |
|             | S006846 | CAVEF10 |
|             | S006768 | CABDF10 |
|             | S006750 | CAVEF10 |
|             | S006748 | CABDF10 |
|             | S004529 | CAADF10 |
| CAR1902     | S007113 | CABDF10 |
|             | S006840 | CABDF10 |
|             | S006815 | CABDF10 |
|             | S006692 | CABDF10 |
|             | S006613 | CABDF10 |
|             | S006547 | CABDF10 |
|             | S006404 | CABDF10 |
| CAR1901     | S006715 | CABDF10 |
|             | S006676 | CABDF10 |
|             | S006626 | CAVEF10 |
|             | S006551 | CABDF10 |
|             | S006519 | CABDF10 |
|             | S006473 | CAVEF10 |
|             | S006440 | CAVEF10 |
|             | S006422 | CABDF10 |
|             | S006412 | CAVEF10 |
|             | S006402 | CAVEF10 |
|             | S006401 | CABDF10 |
|             | S006396 | CAVEF10 |
|             | S006387 | CAVEF10 |
|             | S006366 | CABDF10 |
|             | S006365 | CABDF10 |
|             | S006238 | CAVEF10 |
|             | S006153 | CADQF10 |
| CAR1812     | S006314 | CABDF10 |
|             | S006231 | CAVEF10 |
|             | S006217 | CABDF10 |
|             | S006174 | CAVEF10 |
|             | S006133 | CABDF10 |
|             | S005985 | CAADF10 |
|             | S005964 | CABDF10 |
|             | S005962 | CABDF10 |
|             | S005935 | CAVEF10 |
|             | S005882 | CABDF10 |
|             | S005562 | CAVEF10 |
| CAR1811     | S005864 | CABDF10 |
|             | S005778 | CABDF10 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S005738 | CABDF10 |
|             | S005708 | CABDF10 |
|             | S005665 | CABDF10 |
|             | S005617 | CABDF10 |
|             | S005600 | CAVEF10 |
|             | S005597 | CABDF10 |
|             | S005583 | CABDF10 |
|             | S005492 | CABDF10 |
|             | S005423 | CABDF10 |
|             | S005417 | CAVEF10 |
|             | S005404 | CABDF10 |
|             | S005360 | CABDF10 |
|             | S005352 | CAVEF10 |
|             | S005300 | CAVEF10 |
|             | S005278 | CABDF10 |
| CAR1810     | S005596 | CABDF10 |
|             | S005383 | CABDF10 |
|             | S005361 | CABDF10 |
|             | S005343 | CAVEF10 |
|             | S005301 | CABDF10 |
|             | S005243 | CAVEF10 |
|             | S005239 | CABDF10 |
|             | S005221 | CABDF10 |
|             | S005210 | CAVEF10 |
|             | S005206 | CABDF10 |
|             | S005190 | CAVEF10 |
|             | S005131 | CABDF10 |
|             | S004938 | CABDF10 |
|             | S004931 | CABDF10 |
|             | S004867 | CAVEF10 |
|             | S004565 | CABDF10 |
| CAR1809     | S005129 | CABDF10 |
|             | S004997 | CABDF10 |
|             | S004978 | CABDF10 |
|             | S004969 | CAVEF10 |
|             | S004927 | CAVEF10 |
|             | S004889 | CAVEF10 |
|             | S004849 | CAVEF10 |
|             | S004783 | CABDF10 |
|             | S004745 | CABDF10 |
|             | S004559 | CABDF10 |
|             | S004538 | CABDF10 |
|             | S004526 | CABDF11 |
|             | S004485 | CAADF10 |
|             | S004040 | CABDF11 |
|             | S003799 | CABDF10 |
|             | S003704 | CABDF10 |

| CA RS Level | Service | FMID    |
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| CAR1808     | S003692 | CABDF10 |
|             | S004357 | CAVEF10 |
|             | S004298 | CABDF10 |
|             | S004243 | CAVEF10 |
|             | S004197 | CAVEF10 |
|             | S004157 | CAADF10 |
|             | S004152 | CAVEF10 |
|             | S004151 | CABDF10 |
|             | S004095 | CABDF10 |
|             | S004057 | CABDF10 |
|             | S003985 | CABDF10 |
|             | S003866 | CABDF10 |
|             | S003827 | CABDF10 |
|             | S001837 | CABDF10 |
| CAR1807     | S004096 | CABDF10 |
|             | S004045 | CAVEF10 |
|             | S004034 | CAVEF10 |
|             | S004015 | CAVEF10 |
|             | S004003 | CAVEF10 |
|             | S003941 | CABDF10 |
|             | S003895 | CAVEF10 |
|             | S003879 | CABDF10 |
|             | S003853 | CABDF10 |
|             | S003825 | CABDF10 |
|             | S003791 | CAVEF10 |
|             | S003770 | CABDF10 |
|             | S003683 | CAVEF10 |
|             | S001886 | CAVEF10 |
|             | S001804 | CABDF10 |
| CAR1806     | S001888 | CABDF10 |
|             | S001724 | CABDF10 |
|             | S001708 | CABDF10 |
|             | S001597 | CABDF10 |
|             | S001569 | CABDF10 |
|             | S001512 | CAVEF10 |
|             | S001439 | CABDF10 |
|             | S001350 | CAVEF10 |
|             | S001277 | CABDF10 |
|             | S001215 | CABDF10 |
|             | S000956 | CAVEF10 |
|             | S000902 | CAVEF10 |
|             | S000890 | CAVEF10 |
|             | S000167 | CABDF10 |
| CAR1805     | S001443 | CABDF10 |
|             | S001390 | CABDF10 |
|             | S001230 | CABDF10 |
|             | S001226 | CABDF10 |

| CA RS Level | Service | FMID    |
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|             | S001212 | CABDF10 |
|             | S001184 | CABDF10 |
|             | S000426 | CAVEF10 |
| CAR1804     | S000922 | CABDF10 |
|             | S000822 | CAADF15 |
|             | S000629 | CABDF10 |
|             | S000599 | CABDF11 |
|             | S000369 | CABDF11 |
|             | S000074 | CABDF10 |
|             | S000007 | CABDF10 |
|             | R099997 | CABDF10 |
|             | R099171 | CABDF10 |
| CAR1803     | S000657 | CABDF10 |
|             | S000595 | CABDF10 |
|             | S000475 | CABDF10 |
|             | S000436 | CABDF10 |
|             | S000315 | CABDF10 |
| CAR1802     | S000035 | CABDF10 |
|             | R099972 | CAVEF10 |
|             | R099969 | CAVEF10 |
|             | R099964 | CAVEF10 |
|             | R099902 | CABDF10 |
|             | R099886 | CABDF10 |
|             | R099738 | CABDF10 |
|             | R099737 | CABDF10 |
|             | R099516 | CABDF10 |
|             | R099067 | CABDF10 |
| CAR1801     | R099675 | CABDF10 |
|             | R099532 | CABDF10 |
|             | R099390 | CABDF10 |
|             | R099352 | CABDF10 |
|             | R099100 | CABDF10 |
|             | R098976 | CABDF11 |
|             | R098873 | CABDF11 |
|             | R097375 | CABDF11 |
|             | R096916 | CABDF11 |
| CAR1712     | R099168 | CAVEF10 |
|             | R099051 | CAVEF10 |
|             | R099046 | CADQF10 |
|             | R099007 | CAVEF10 |
|             | R098973 | CABDF10 |
|             | R098926 | CABDF10 |
|             | R098879 | CABDF10 |
|             | R098846 | CABDF10 |
|             | R098800 | CABDF10 |
|             | R098737 | CABDF10 |
|             | R098604 | CABDF10 |

| CA RS Level | Service | FMID    |
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|             | R098085 | CABDF10 |
| CAR1711     | R098683 | CABDF10 |
|             | R098636 | CAADF10 |
|             | R098593 | CABDF10 |
|             | R098521 | CAVEF10 |
|             | R098427 | CABDF11 |
|             | R098426 | CABDF10 |
|             | R098417 | CABDF10 |
|             | R098393 | CABDF10 |
|             | R098364 | CABDF10 |
|             | R098348 | CABDF10 |
|             | R098249 | CABDF10 |
|             | R098231 | CAADF10 |
|             | R098220 | CABDF10 |
|             | R098142 | CABDF10 |
|             | R098059 | CABDF10 |
| CAR1710     | R098204 | CAADF10 |
|             | R098170 | CAADF10 |
|             | R098086 | CABDF10 |
|             | R097972 | CABDF10 |
|             | R097932 | CABDF10 |
|             | R097893 | CABDF10 |
|             | R097868 | CAADF10 |
|             | R097818 | CABDF10 |
|             | R097757 | CABDF10 |
|             | R097743 | CABDF10 |
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|             | R097723 | CABDF10 |
|             | R097700 | CABDF10 |
|             | R097674 | CABDF10 |
|             | R097607 | CAADF10 |
| CAR1709     | R097677 | CABDF10 |
|             | R097639 | CABDF10 |
|             | R097626 | CABDF10 |
|             | R097526 | CABDF10 |
|             | R097493 | CAADF10 |
|             | R097490 | CABDF10 |
|             | R097460 | CAADF10 |
|             | R097416 | CABDF10 |
|             | R097392 | CABDF10 |
|             | R097386 | CAADF10 |
|             | R097382 | CABDF10 |
|             | R097343 | CABDF10 |
|             | R097329 | CABDF10 |
|             | R097238 | CABDF10 |
|             | R097236 | CAVEF10 |
|             | R097225 | CAVEF10 |

| CA RS Level | Service | FMID    |
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|             | R097209 | CABDF10 |
|             | R097131 | CAVEF10 |
|             | R097126 | CAVEF10 |
|             | R096797 | CAVEF10 |
|             | R096118 | CAVEF10 |
|             | R095978 | CAVEF10 |
| CAR1708     | R097082 | CABDF10 |
|             | R096949 | CAADF10 |
|             | R096852 | CABDF10 |
|             | R096824 | CABDF10 |
|             | R096821 | CABDF10 |
|             | R096806 | CABDF10 |
|             | R096769 | CABDF10 |
|             | R096719 | CABDF10 |
|             | R096617 | CABDF10 |
|             | R096370 | CABDF10 |
| CAR1707     | R096568 | CABDF10 |
|             | R096537 | CAADF10 |
|             | R096499 | CABDF10 |
|             | R096447 | CABDF10 |
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|             | R096426 | CABDF10 |
|             | R096420 | CABDF10 |
|             | R096403 | CABDF10 |
|             | R096260 | CABDF10 |
|             | R096191 | CABDF10 |
|             | R095487 | CAADF10 |
|             | R095386 | CADQF10 |
| CAR1706     | R096346 | CAADF10 |
|             | R096313 | CABDF10 |
|             | R096312 | CABDF10 |
|             | R096304 | CAADF10 |
|             | R096300 | CABDF10 |
|             | R096257 | CAADF10 |
|             | R096252 | CABDF10 |
|             | R096213 | CABDF10 |
|             | R096204 | CABDF10 |
|             | R096133 | CABDF10 |
|             | R096053 | CABDF10 |
|             | R095915 | CABDF10 |
|             | R095833 | CABDF10 |
|             | R095761 | CABDF10 |
|             | R095719 | CABDF10 |
|             | R095676 | CABDF10 |
|             | R095600 | CABDF10 |
|             | R095564 | CABDF10 |
|             | R095097 | CAADF10 |

| CA RS Level | Service | FMID    |
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|             | R094902 | CABDF10 |
| CAR1705     | R095737 | CAVEF10 |
|             | R095667 | CABDF10 |
|             | R095621 | CADQF10 |
|             | R095609 | CAVEF10 |
|             | R095548 | CABDF10 |
|             | R095352 | CAVEF10 |
|             | R095305 | CABDF10 |
|             | R095277 | CABDF10 |
|             | R095235 | CAVEF10 |
|             | R095037 | CABDF10 |
|             | R094176 | CABDF10 |
| CAR1704     | R095080 | CABDF10 |
|             | R094912 | CABDF10 |
|             | R094907 | CABDF10 |
|             | R094783 | CABDF10 |
|             | R094696 | CAVEF10 |
|             | R094632 | CABDF10 |
| CAR1703     | R094327 | CABDF11 |
|             | R094324 | CAVEF10 |
|             | R094280 | CABDF10 |
|             | R094247 | CAVEF10 |
|             | R093821 | CAVEF10 |
|             | R093677 | CAVEF10 |
|             | R093613 | CAVEF10 |
|             | R090834 | CADQF10 |
| CAR1702     | R094177 | CADQF10 |
|             | R094095 | CABDF10 |
|             | R094090 | CABDF10 |
|             | R094085 | CABDF10 |
|             | R094001 | CABDF10 |
|             | R094000 | CABDF10 |
|             | R093647 | CABDF10 |
|             | R093616 | CABDF10 |
|             | R093587 | CABDF10 |
|             | R093585 | CABDF10 |
|             | R093148 | CABDF11 |
| CAR1701     | R093666 | CAVEF10 |
|             | R093560 | CAVEF10 |
|             | R093454 | CABDF10 |
|             | R093450 | CABDF10 |
|             | R093436 | CABDF10 |
|             | R093373 | CAADF10 |
|             | R093324 | CAVEF10 |
|             | R093251 | CABDF10 |
|             | R093201 | CABDF10 |
|             | R093127 | CABDF10 |

| CA RS Level | Service | FMID    |
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|             | R093092 | CABDF10 |
|             | R093061 | CABDF11 |
|             | R092954 | CABDF10 |
|             | R092896 | CAADF15 |
|             | R092891 | CADQF10 |
|             | R092864 | CAVEF10 |
|             | R092858 | CABDF10 |
|             | R092736 | CAADF10 |
|             | R092600 | CABDF10 |
|             | R092507 | CAADF10 |
|             | R092441 | CABDF10 |
|             | R092436 | CABDF10 |
|             | R092398 | CABDF10 |
|             | R092282 | CAVEF10 |
|             | R092277 | CABDF10 |
|             | R092259 | CABDF10 |
|             | R092243 | CABDF10 |
|             | R092173 | CAVEF10 |
|             | R092064 | CAVEF10 |
|             | R092016 | CABDF11 |
|             | R092009 | CAVEF10 |
|             | R091992 | CAVEF10 |
|             | R091930 | CAVEF10 |
|             | R091845 | CABDF10 |
|             | R091732 | CABDF10 |
|             | R091719 | CAADF10 |
|             | R091648 | CABDF10 |
|             | R091632 | CABDF10 |
|             | R091631 | CABDF10 |
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|             | R091587 | CABDF10 |
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|             | R091427 | CABDF10 |
|             | R091404 | CABDF10 |
|             | R091394 | CABDF10 |
|             | R091352 | CABDF10 |
|             | R091254 | CABDF10 |
|             | R091226 | CAVEF10 |
|             | R091196 | CAADF10 |
|             | R091185 | CAADF10 |
|             | R091180 | CABDF10 |
|             | R091166 | CABDF10 |
|             | R091165 | CABDF10 |
|             | R091141 | CABDF10 |
|             | R091115 | CAVEF10 |
|             | R091079 | CABDF10 |
|             | R091015 | CABDF10 |

| CA RS<br>Level | Service | FMID    |
|----------------|---------|---------|
|                | R090950 | CAADF10 |
|                | R090903 | CABDF10 |
|                | R090854 | CAVEF10 |
|                | R090838 | CAADF10 |
|                | R090826 | CAVEF10 |
|                | R090821 | CABDF10 |
|                | R090729 | CAADF10 |
|                | R090586 | CABDF10 |
|                | R090535 | CABDF10 |
|                | R090486 | CABDF10 |
|                | R090397 | CABDF10 |
|                | R090276 | CABDF10 |
|                | R090216 | CAVEF10 |
|                | R090197 | CABDF10 |
|                | R090182 | CABDF10 |
|                | R090179 | CABDF10 |
|                | R090156 | CAVEF10 |
|                | R090155 | CAVEF10 |
|                | R090075 | CABDF10 |
|                | R090074 | CAADF10 |
|                | R090065 | CABDF10 |
|                | R090044 | CAVEF10 |
|                | R089842 | CAVEF10 |
|                | R089839 | CAVEF10 |
|                | R089666 | CABDF10 |
|                | R089559 | CABDF10 |
|                | R089521 | CAVEF10 |
|                | R089520 | CAVEF10 |
|                | R088863 | CABDF10 |
|                | R088617 | CAVEF10 |
|                | R088611 | CAVEF10 |
|                | R088550 | CAVEF10 |
|                | R088530 | CABDF10 |
|                | R088480 | CAVEF10 |
|                | R088479 | CAVEF10 |
|                | R088475 | CAVEF10 |
|                | R088469 | CABDF10 |