

Endevor SCM 18.1
CA RS 2304 Service List

1

Service	Description	Type
LU07145	IMGR255E REGISTRATION ERROR	PTF
LU09183	ERROR MESSAGE SMGR055E OR SOC4 ABEND IN BC1PRBLS	PTF
LU09224	ABEND OC4 IN SCRNMMAIN DURING PROCESSOR EXECUTION	PTF
LU09309	LAST DIGIT OF UPDATED TIME IS MISSING IN C1SEA200 PANEL	PTF
LU09341	ENDEVOR WEB SERVICES STARTED TASK CANCELLATION - S222	PTF
LU09389	PROCESSOR ENDS RC=0 BUT PROCESSOR IS NOT EXECUTED	** PRP **
LU09430	WEB SERVICES ADD ELEMENT WITH CHARSET, MINOR HEALTHCHECK FIX	PTF
LU09558	"ADD FROM" DATA SET REMAINS ALLOCATED AFTER PACKAGE CAST	PTF
The CA RS 2304 service count for this release is 8		

Endevor SCM
CA RS 2304 Service List for CSIQI10

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FMID	Service	Description	Type
CSIQI10	LU07145	IMGR255E REGISTRATION ERROR	PTF
	LU09183	ERROR MESSAGE SMGR055E OR SOC4 ABEND IN BC1PRBLS	PTF
	LU09224	ABEND OC4 IN SCRNMMAIN DURING PROCESSOR EXECUTION	PTF
	LU09309	LAST DIGIT OF UPDATED TIME IS MISSING IN C1SEA200 PANEL	PTF
	LU09389	PROCESSOR ENDS RC=0 BUT PROCESSOR IS NOT EXECUTED	** PRP **
	LU09558	"ADD FROM" DATA SET REMAINS ALLOCATED AFTER PACKAGE CAST	PTF
The CA RS 2304 service count for this FMID is 6			

Endevor SCM
CA RS 2304 Service List for CSIQI13

FMID	Service	Description	Type
CSIQI13	LU09341	ENDEVOR WEB SERVICES STARTED TASK CANCELLATION - S222	PTF
	LU09430	WEB SERVICES ADD ELEMENT WITH CHARSET, MINOR HEALTHCHECK FIX	PTF
The CA RS 2304 service count for this FMID is 2			

Endevor SCM 18.1
CA RS 2304 - PTF LU07145 Details

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Service	Details						
LU07145	LU07145 M.C.S. ENTRIES = ++PTF (LU07145) REWORK(2023062) IMGR255E REGISTRATION ERROR PROBLEM DESCRIPTION: When element registration is enabled across all systems at the processor group level, a conflict of duplicate names is found after the attempt to add an element and another element with the same name, same type, same processor output type exists in a parallel environment. SYMPTOMS: Action fails with an error: IMGR255E REG. ERROR: ELM EXISTS W/SAME PROC GRP O/P TYPE and the location information where the duplicate element was found. IMPACT: The action is terminated and a message is issued: IMGR255E REG. ERROR: ELM EXISTS W/SAME PROC GRP O/P TYPE CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>Endevor Software Change Manager</td><td>Version 18.0</td></tr> <tr> <td>Endevor Software Change Manager</td><td>Release 18.1</td></tr> <tr> <td>Endevor</td><td>Version 19.0</td></tr> </table> Related Problem: ENDBAS 17994 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00258-SCM181 DESC(IMGR255E REGISTRATION ERROR). ++VER (Z038) FMID (CSIQI10) PRE (LU00280 LU06758 LU08349 S011495 S014513 S014939 S016126) SUP (LT03079 LT03502 LT07145 LT08459 LU03079 LU03502)	Endevor Software Change Manager	Version 18.0	Endevor Software Change Manager	Release 18.1	Endevor	Version 19.0
Endevor Software Change Manager	Version 18.0						
Endevor Software Change Manager	Release 18.1						
Endevor	Version 19.0						

Endevor SCM 18.1
CA RS 2304 - PTF LU09183 Details

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Service	Details						
LU09183	LU09183 M.C.S. ENTRIES = ++PTF (LU09183) REWORK(2023074) ERROR MESSAGE SMGR055E OR SOC4 ABEND IN BC1PRBLS PROBLEM DESCRIPTION: An ADD, MOVE or TRANSFER of an element can fail with error message SMGR055E or encounter a SOC4 abend in BC1PRBLS. SYMPTOMS: The action fails with return code 12 or 16. IMPACT: The action fails. CIRCUMVENTION: In some cases, the action completes successfully in a batch job with REGION=OM. A more general circumvention is to change C1DEFLT parameter VIOUNIT to name a unit that has 59 or more online devices. PRODUCT(S) AFFECTED: <table> <tr> <td>Endevor Software Change Manager</td><td>Version 18.0</td></tr> <tr> <td>Endevor Software Change Manager</td><td>Release 18.1</td></tr> <tr> <td>Endevor</td><td>Version 19.0</td></tr> </table> Related Problem: ENDBAS 19533 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00308-SCM181 DESC(ERROR MESSAGE SMGR055E OR SOC4 ABEND IN BC1PRBLS). ++VER (Z038) FMID (CSIQI10) PRE (LU08349) SUP (LT09183)	Endevor Software Change Manager	Version 18.0	Endevor Software Change Manager	Release 18.1	Endevor	Version 19.0
Endevor Software Change Manager	Version 18.0						
Endevor Software Change Manager	Release 18.1						
Endevor	Version 19.0						

Endevor SCM 18.1
CA RS 2304 - PTF LU09224 Details

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Service	Details						
LU09224	LU09224 M.C.S. ENTRIES = ++PTF (LU09224) REWORK(2023066) ABEND 0C4 IN SCRNMAIN DURING PROCESSOR EXECUTION PROBLEM DESCRIPTION: When executing an element action, such as GENERATE, an ABEND 0C4 in SCRNMAIN could occur. SYMPTOMS: ABEND 0C4 in SCRNMAIN module. IMPACT: ENDEVOR can't perform the action. CIRCUMVENTION: PRODUCT(S) AFFECTED: <table> <tr> <td>Endevor Software Change Manager</td><td>Version 18.0</td></tr> <tr> <td>Endevor Software Change Manager</td><td>Release 18.1</td></tr> <tr> <td>Endevor</td><td>Version 19.0</td></tr> </table> Related Problem: ENDBAS 19560 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00309-SCM181 DESC(ABEND 0C4 IN SCRNMAIN DURING PROCESSOR EXECUTION) . ++VER (Z038) FMID (CSIQI10) PRE (LU01490 LU04205 LU08349 S015658) SUP (LT01926 LT05550 LT08997 LT09224 LU01926 LU05550)	Endevor Software Change Manager	Version 18.0	Endevor Software Change Manager	Release 18.1	Endevor	Version 19.0
Endevor Software Change Manager	Version 18.0						
Endevor Software Change Manager	Release 18.1						
Endevor	Version 19.0						

Endevor SCM 18.1
CA RS 2304 - PTF LU09309 Details

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Service	Details						
LU09309	LU09309 M.C.S. ENTRIES = ++PTF (LU09309) REWORK(2023072) LAST DIGIT OF UPDATED TIME IS MISSING IN C1SEA200 PANEL PROBLEM DESCRIPTION: When creating a new processor group, the update time is missing the last digit. This happens only after updating symbolics. SYMPTOMS: Incorrect updated time is displayed. IMPACT: CIRCUMVENTION: PRODUCT(S) AFFECTED: <table> <tr> <td>Endevor Software Change Manager</td><td>Version 18.0</td></tr> <tr> <td>Endevor Software Change Manager</td><td>Release 18.1</td></tr> <tr> <td>Endevor</td><td>Version 19.0</td></tr> </table> Related Problem: ENDBAS 19610 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00310-SCM181 DESC(LAST DIGIT OF UPDATED TIME IS MISSING IN C1SEA200 PANEL). ++VER (Z038) FMID (CSIQI10) PRE (LU08349 S014939) SUP (LT09309)	Endevor Software Change Manager	Version 18.0	Endevor Software Change Manager	Release 18.1	Endevor	Version 19.0
Endevor Software Change Manager	Version 18.0						
Endevor Software Change Manager	Release 18.1						
Endevor	Version 19.0						

Endevor SCM 18.1
CA RS 2304 - PTF LU09341 Details

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Service	Details																																										
LU09341	LU09341 M.C.S. ENTRIES = ++PTF (LU09341) REWORK(2023075) ENDEVOR WEB SERVICES STARTED TASK CANCELLATION - S222 PROBLEM DESCRIPTION: Termination process of Endevor Webservices started task was prolonged due to high CPU usage, which caused STC getting cancelled by ENF. SYMPTOMS: WSEWSSTC is cancelled, which results in the following abend: WSEWSSTC - ABEND=S222 U0000 REASON=00000000 IMPACT: This abend doesn't affect work of a product, because it happens after a successfull response from Endevor Webservices. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>Endevor Software Change Manager</td><td>Release 18.0</td></tr> <tr> <td>Endevor Software Change Manager</td><td>Release 18.1</td></tr> <tr> <td>Endevor</td><td>Version 19.0</td></tr> </table> Related Problem: ENDBAS 18838 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00313-SCM181 DESC(ENDEVOR WEB SERVICES STARTED TASK CANCELLATION - S222). ++VER (Z038) FMID (CSIQI13) PRE (LU00540 LU00798 LU01264 LU02925 LU03346 LU05920 LU08352 SO11272 SO13849) SUP (AL01264 LT00090 LT00234 LT00272 LT00293 LT00384 LT00391 LT00467 LT00606 LT00782 LT00909 LT01641 LT02358 LT02384 LT02782 LT03136 LT06616 LT07256 LT07327 LT07408 LT08933 LT09060 LT09163 LT09341 LU01641 LU02384 LU03136 LU07408 SO12309 SO13582 SO13905 SO15234 SO15900 SO15978 ST12309 ST13559 ST13582 ST13905 ST15234 ST15773 ST15819 ST15900 ST15978) ++HOLD (LU09341) SYSTEM FMID(CSIQI13) REASON (ACTION) DATE (23075) COMMENT (<table> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> </td><td>Endevor Software Change Manager</td></tr> <tr> <td></td><td>Release 18.1</td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> SEQUENCE</td><td> After Apply</td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> PURPOSE</td><td> This correction updates Endevor Web Services.</td></tr> <tr> <td> </td><td> To implement this update, you must update</td></tr> <tr> <td> </td><td> the Web Services component of your target Tomcat</td></tr> <tr> <td> </td><td> directory and recycle the Tomcat server.</td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> USERS</td><td> </td></tr> <tr> <td> AFFECTED</td><td> All users of Endevor Web Services.</td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> KNOWLEDGE</td><td> 1. SMP/e</td></tr> <tr> <td> REQUIRED</td><td> 2. Endevor Web Services</td></tr> <tr> <td> </td><td> 3. Tomcat</td></tr> <tr> <td colspan="2"> </td></tr> </table>	Endevor Software Change Manager	Release 18.0	Endevor Software Change Manager	Release 18.1	Endevor	Version 19.0	+-----+			Endevor Software Change Manager		Release 18.1	+-----+		SEQUENCE	After Apply	+-----+		PURPOSE	This correction updates Endevor Web Services.		To implement this update, you must update		the Web Services component of your target Tomcat		directory and recycle the Tomcat server.	+-----+		USERS		AFFECTED	All users of Endevor Web Services.	+-----+		KNOWLEDGE	1. SMP/e	REQUIRED	2. Endevor Web Services		3. Tomcat		
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Service	Details
	<pre> 4. Unix System Services +-----+-----+ ACCESS 1. Update access to USS target and deployment files REQUIRED 2. Ability to stop and start Tomcat +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. Stop Tomcat 2. Verify that the parameters in the ENWSInstallOptions.properties file are set according to your environment. This file resides in the USS directory where this PTF has been installed to (USS install directory). 3. Either: a.In the TSO OMVS environment, change to the directory where the script ENWSUpd.sh resides: cd <USS install directory>/tpv execute the script: sh ENWSUpd.sh or b.Run job WSTOMCCS to update Endevor Web Services. Steps how to update are included in the WSTOMCCS job. 4. Start Tomcat). LINK('..../tpv/tomcat/webapps/EndevorService.war') PARM(PATHMODE(0,7,7,5)). LINK('..../tpv/tomcat/webapps/EndevorService.war.md5') PARM(PATHMODE(0,7,7,5)). </pre>

Service	Details						
LU09389	LU09389 M.C.S. ENTRIES = ++PTF (LU09389) REWORK(2023079) PROCESSOR ENDS RC=0 BUT PROCESSOR IS NOT EXECUTED PROBLEM DESCRIPTION: After the PTF for problem 7821 is applied, processors may not execute. These are the sysmods for problem 7821: Release: Sysmod: 18.0 LU08622 18.1 LU08623 19.0 LU08624 SYMPTOMS: Endevor may completely skip execution of the processor, yet the action return code and the processor return code are zero. IMPACT: Processor outputs are not created, updated or deleted. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>Endevor Software Change Manager</td><td>Version 18.0</td></tr> <tr> <td>Endevor Software Change Manager</td><td>Release 18.1</td></tr> <tr> <td>Endevor</td><td>Version 19.0</td></tr> </table> Related Problem: ENDBAS 19824 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00315-SCM181 DESC (PROCESSOR ENDS RC=0 BUT PROCESSOR IS NOT EXECUTED) . ++VER (Z038) FMID (CSIQI10) PRE (LU08349 LU08623) SUP (AL08623 LT09389 S010824 ST10824)	Endevor Software Change Manager	Version 18.0	Endevor Software Change Manager	Release 18.1	Endevor	Version 19.0
Endevor Software Change Manager	Version 18.0						
Endevor Software Change Manager	Release 18.1						
Endevor	Version 19.0						

Service	Details												
LU09430	LU09430 M.C.S. ENTRIES = ++PTF (LU09430) REWORK(2023086) WEB SERVICES ADD ELEMENT WITH CHARSET, MINOR HEALTHCHECK FIX PROBLEM DESCRIPTION: In the Endevor Web Services REST API, when the Add Element action is used with a file to upload, which has a specified Content-Type including charset, the charset value is ignored. On the main web services web page at /EndevorService, do not allow any displayed messages to contain full file paths to files inside the web server folder. This is a precaution to prevent a potential attacker from gaining information about the folder structure the server is a part of. SYMPTOMS: Uploading an element content using a different charset than the server default, with the charset specified on Content-Type, will result in corrupt Endevor element content due to incorrect translation to EBCDIC. Affects only elements whose type definitions contain DATA FORMAT = TEXT. When browsing host:port/EndevorService/config, the full path to a file inside the Tomcat server is displayed once you press 'verify' with the wrong token. IMPACT: Special characters in an element that was added via REST API in the way described above can become corrupted. A potential attacker can obtain information about the full path to the Tomcat server. This is not exploitable on its own, but it should still be avoided as a security best practice. CIRCUMVENTION: Follow the Add Element REST call with an Update Element call using the same source file, or use a different API to add the element to Endevor. PRODUCT(S) AFFECTED: <table> <tr> <td>Endevor Software Change Manager</td><td>Release 18.1</td></tr> <tr> <td>Endevor</td><td>Version 19.0</td></tr> </table> Related Problem: ENDBAS 19881 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00316-SCM181 DESC(WEB SERVICES ADD ELEMENT WITH CHARSET, MINOR HEALTHCHECK FIX). ++VER (Z038) FMID (CSIQI13) PRE (LU00540 LU00798 LU01264 LU02384 LU02925 LU03346 LU05920 LU08352 S011272 S013582 S013849) SUP (AL01264 LT00090 LT00234 LT00272 LT00293 LT00384 LT00391 LT00467 LT00606 LT00782 LT00909 LT01641 LT02358 LT02384 LT02782 LT03136 LT06616 LT07256 LT07327 LT07408 LT08933 LT09060 LT09163 LT09341 LT09430 LU01641 LU03136 LU07408 LU09341 S012309 S013905 S015234 S015900 S015978 ST12309 ST13559 ST13582 ST13905 ST15234 ST15773 ST15819 ST15900 ST15978) ++HOLD (LU09430) SYSTEM FMID(CSIQI13) REASON (ACTION) DATE (23086) COMMENT (<table> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> </td><td>Endevor Software Change Manager Release 18.1 </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> SEQUENCE</td><td> After Apply </td></tr> </table>	Endevor Software Change Manager	Release 18.1	Endevor	Version 19.0	+-----+			Endevor Software Change Manager Release 18.1	+-----+		SEQUENCE	After Apply
Endevor Software Change Manager	Release 18.1												
Endevor	Version 19.0												
+-----+													
	Endevor Software Change Manager Release 18.1												
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Service	Details
	<pre> +-----+-----+ PURPOSE This correction updates Endevor Web Services. To implement this update, you must update the Web Services component of your target Tomcat directory and recycle the Tomcat server. +-----+-----+ USERS AFFECTED All users of Endevor Web Services. +-----+-----+ KNOWLEDGE 1. SMP/e REQUIRED 2. Endevor Web Services 3. Tomcat 4. Unix System Services +-----+-----+ ACCESS 1. Update access to USS target and deployment files REQUIRED 2. Ability to stop and start Tomcat +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. Stop Tomcat 2. Verify that the parameters in the ENWSInstallOptions.properties file are set according to your environment. This file resides in the USS directory where this PTF has been installed to (USS install directory). 3. Either: a.In the TSO OMVS environment, change to the directory where the script ENWSUpd.sh resides: cd <USS install directory>/tpv execute the script: sh ENWSUpd.sh or b.Run job WSTOMCCS to update Endevor Web Services. Steps how to update are included in the WSTOMCCS job. 4. Start Tomcat). LINK('..'/tpv/tomcat/webapps/EndevorService.war') PARM(PATHMODE(0,7,7,5)). LINK('..'/tpv/tomcat/webapps/EndevorService.war.md5') PARM(PATHMODE(0,7,7,5)). </pre>

Service	Details
LU09558	LU09558 M.C.S. ENTRIES = ++PTF (LU09558) REWORK(2023089) "ADD FROM" DATA SET REMAINS ALLOCATED AFTER PACKAGE CAST PROBLEM DESCRIPTION: When performing Package Cast and the Package has action "Add Element from data set", the "from data set" remains allocated until the address space is terminated. This prevents other users and jobs to work with the data set. If the Cast was done in an ISPF interface, the data set remains allocated until the user's TSO session is ended. If the Cast was done via Endevor Web Services, the data set remains allocated until the Endevor API server started task ends. SYMPTOMS: "Add from" data set remains allocated after Package Cast. IMPACT: Other address spaces cannot use the data set until the user logs out from their TSO session or until the Endevor API server started task ends. Note: The user of the TSO session where Cast was done can work with the data set without restrictions. CIRCUMVENTION: The TSO session user can free the data set manually from TSO ISRDDN. PRODUCT(S) AFFECTED: Endevor Software Change Manager Version 18.0 Endevor Software Change Manager Release 18.1 Endevor Version 19.0 Related Problem: ENDBAS 7634 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00319-SCM181 DESC("ADD FROM" DATA SET REMAINS ALLOCATED AFTER PACKAGE CAST). ++VER (Z038) FMID (CSIQI10) PRE (LU00538 LU08349) SUP (LT08922 LT09558 S010979 S014748 ST10979 ST14748) MCS LU07145 STARTS ON PAGE 0002 MCS LU09183 STARTS ON PAGE 0002 MCS LU09224 STARTS ON PAGE 0003 MCS LU09309 STARTS ON PAGE 0004 MCS LU09341 STARTS ON PAGE 0005 MCS LU09389 STARTS ON PAGE 0007 MCS LU09430 STARTS ON PAGE 0007 MCS LU09558 STARTS ON PAGE 0010

Endevor SCM 18.1
CA RS 2304 Product/Component Listing

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Product Family	Product	Release
DevOps	CA ENDEVOR SCM	18.01.00
The CA RS 2304 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
CAR2304	LU09558	CSIQI10
	LU09430	CSIQI13
	LU09389	CSIQI10
	LU09341	CSIQI13
	LU09309	CSIQI10
	LU09224	CSIQI10
	LU09183	CSIQI10
	LU07145	CSIQI10
CAR2303	LU08998	CSIQI10
	LU08952	CSIQI13
	LU08903	CSIQI13
	LU08902	CSIQI10
	LU08790	CSIQI10
	LU08584	CSIQI10
CAR2302	LU08704	CSIQI10
	LU08644	CSIQI13
	LU08643	CSIQI10
	LU08623	CSIQI10
	LU08514	CSIQI10
	LU08454	CSIQI11
	LU08453	CSIQI10
	LU08370	CSIQI10
	LU08270	CSIQI10
	LU08216	CSIQI11
	LU08215	CSIQI10
	LU07389	CSIQI10
	LU07075	CSIQI10
CAR2301	LU08358	CSIQI10
CAR2212	LU08352	CSIQI13
	LU08351	CSIQI12
	LU08350	CSIQI11
	LU08349	CSIQI10
	LU08203	CSIQI10
	LU08017	CSIQI11
	LU08016	CSIQI10
	LU07909	CSIQI11
	LU07806	CSIQI10
	LU07799	CSIQI13
	LU07798	CSIQI10
	LU07606	CSIQI11
	LU07605	CSIQI10
	LU07340	CSIQI10
	LU07280	CSIQI10
CAR2211	LU07772	CSIQI12
	LU07408	CSIQI13
	LU07000	CSIQI10
	LU06860	CSIQI10

CA RS Level	Service	FMID
	LU06451	CSIQI10
CAR2210	LU07337	CSIQI10
	LU06383	CSIQI10
CAR2209	LU07072	CSIQI10
	LU06758	CSIQI10
	LU06700	CSIQI10
	LU06686	CSIQI11
	LU06685	CSIQI10
	LU05039	CSIQI10
	LU02059	CSIQI12
CAR2208	LU06476	CSIQI10
	LU05568	CSIQI10
	LU04899	CSIQI10
CAR2207	LU05960	CSIQI10
	LU05920	CSIQI13
	LU05919	CSIQI10
	LU05190	CSIQI10
CAR2206	LU05853	CSIQI13
	LU05731	CSIQI10
	LU05688	CSIQI10
	LU05373	CSIQI10
	LU05034	CSIQI10
CAR2205	LU05550	CSIQI10
	LU05354	CSIQI11
	LU05353	CSIQI10
	LU05020	CSIQI10
	LU04903	CSIQI10
	LU04898	CSIQI10
	LU04523	CSIQI10
CAR2204	LU05290	CSIQI11
	LU05289	CSIQI10
	LU05121	CSIQI10
	LU05101	CSIQI10
	LU04836	CSIQI10
	LU04634	CSIQI10
	LU04081	CSIQI11
	LU04080	CSIQI10
CAR2203	LU04728	CSIQI10
	LU04710	CSIQI10
	LU04588	CSIQI10
	LU04549	CSIQI10
	LU04205	CSIQI10
	LU03079	CSIQI10
CAR2202	LU04286	CSIQI10
	LU04170	CSIQI10
	LU03537	CSIQI10
	LU03506	CSIQI13

CA RS Level	Service	FMID
	LU03503	CSIQI10
	LU03346	CSIQI13
	LU03345	CSIQI10
CAR2201	LU03750	CSIQI10
	LU03597	CSIQI11
	LU03596	CSIQI10
	LU03502	CSIQI10
	LU02360	CSIQI10
	LU02241	CSIQI10
CAR2112	LU03630	CSIQI11
	LU03501	CSIQI10
	LU03407	CSIQI10
	LU03349	CSIQI10
	LU03328	CSIQI10
	LU03290	CSIQI10
	LU03114	CSIQI10
	LU03054	CSIQI10
CAR2111	LU03136	CSIQI13
	LU02947	CSIQI10
	LU02925	CSIQI13
	LU02924	CSIQI10
	LU02753	CSIQI10
	LU02608	CSIQI10
CAR2110	SO14940	CSIQI11
	SO14939	CSIQI10
	LU02425	CSIQI11
	LU02424	CSIQI10
CAR2109	LU02384	CSIQI13
	LU02334	CSIQI11
	LU02333	CSIQI10
	LU02047	CSIQI10
	LU01962	CSIQI10
CAR2108	SO15142	CSIQI10
	LU02149	CSIQI10
	LU01926	CSIQI10
CAR2107	SO16216	CSIQI10
	LU01912	CSIQI11
	LU01911	CSIQI10
	LU01853	CSIQI10
	LU01641	CSIQI13
	LU01602	CSIQI10
	LU01596	CSIQI10
	LU01554	CSIQI10
	LU01544	CSIQI10
	LU01490	CSIQI10
	LU01412	CSIQI10
CAR2106	LU01497	CSIQI13

CA RS Level	Service	FMID
	LU01496	CSIQI11
	LU01495	CSIQI10
	LU01335	CSIQI10
	LU01326	CSIQI10
	LU01264	CSIQI13
	LU01263	CSIQI10
	LU01219	CSIQI10
	LU01136	CSIQI10
	LU01063	CSIQI11
	LU01062	CSIQI10
	LU00970	CSIQI10
	LU00249	CSIQI10
CAR2105	LU01038	CSIQI10
	LU01012	CSIQI10
	LU00808	CSIQI10
	LU00798	CSIQI13
	LU00797	CSIQI10
	LU00774	CSIQI10
	LU00405	CSIQI13
	LU00344	CSIQI10
	LU00086	CSIQI10
CAR2104	SO15436	CSIQI10
	LU00594	CSIQI11
	LU00593	CSIQI10
	LU00540	CSIQI13
	LU00539	CSIQI11
	LU00538	CSIQI10
	LU00352	CSIQI10
	LU00280	CSIQI10
CAR2103	SO16209	CSIQI10
	SO16126	CSIQI10
CAR2102	SO16224	CSIQI10
	SO15995	CSIQI11
	SO15994	CSIQI10
	SO15978	CSIQI13
	SO15962	CSIQI10
	SO15658	CSIQI10
	SO15323	CSIQI11
	SO12677	CSIQI10
	LU00109	CSIQI11
	LU00108	CSIQI10
	LU00093	CSIQI10
CAR2101	SO15900	CSIQI13
	SO15878	CSIQI10
	SO15818	CSIQI10
	SO14767	CSIQI10
CAR2012	SO15779	CSIQI11

CA RS Level	Service	FMID
	S015778	CSIQI10
	S015462	CSIQI10
	S015434	CSIQI10
	S015234	CSIQI13
	S015110	CSIQI10
CAR2011	S015251	CSIQI10
	S015219	CSIQI11
	S015218	CSIQI10
	S015125	CSIQI13
	S014748	CSIQI10
	S013905	CSIQI13
	S012172	CSIQI10
CAR2010	S014847	CSIQI10
	S014705	CSIQI11
	S014704	CSIQI10
	S014674	CSIQI10
CAR2009	S014513	CSIQI10
	S014420	CSIQI10
	S014309	CSIQI10
	S014222	CSIQI11
	S014221	CSIQI10
	S014082	CSIQI13
	S014076	CSIQI10
CAR2008	S013857	CSIQI10
	S013849	CSIQI13
	S013321	CSIQI10
	S013082	CSIQI13
	S012441	CSIQI10
CAR2007	S013690	CSIQI11
	S013689	CSIQI10
	S013604	CSIQI11
	S013592	CSIQI10
	S013583	CSIQI10
	S013582	CSIQI13
	S013479	CSIQI10
	S013434	CSIQI10
	S013067	CSIQI10
CAR2006	S013177	CSIQI10
	S013128	CSIQI10
	S013068	CSIQI10
	S012961	CSIQI10
	S012864	CSIQI10
CAR2005	S012574	CSIQI13
	S012546	CSIQI10
	S012498	CSIQI10
	S012495	CSIQI11
	S012494	CSIQI10

CA RS Level	Service	FMID
	S012491	CSIQI13
	S012490	CSIQI10
	S012309	CSIQI13
	S012022	CSIQI10
CAR2004	S012341	CSIQI10
	S012326	CSIQI11
	S012312	CSIQI10
	S012308	CSIQI10
	S012301	CSIQI11
	S012300	CSIQI10
	S012169	CSIQI10
	S011910	CSIQI10
	S011257	CSIQI10
	S011104	CSIQI10
CAR2003	S012079	CSIQI10
	S011879	CSIQI10
	S011289	CSIQI11
	S011288	CSIQI10
CAR2002	S011541	CSIQI10
	S011495	CSIQI10
	S011467	CSIQI13
	S011272	CSIQI13
CAR2001	S011124	CSIQI11
	S011123	CSIQI10
	S010979	CSIQI10
	S010896	CSIQI10
	S010825	CSIQI13
	S010824	CSIQI10
	S010822	CSIQI10