CA Endevor SCM 18.1 CA RS 2102 Service List

Service	Description	Type
LU00093	B37 ABEND IN WEB SERVICES DYNAMICALLY ALLOCATED NDVROPTS	PTF
LU00108	COPYELM/COMPELM BEHAVIOUR INCONSISTENT	PTF
LU00109	COPYELM/COMPELM BEHAVIOUR INCONSISTENT	PTF
S012677	ENDEVOR START-UP CLISTS DO NOT SUPPORT SPLIT SCREEN	PTF
S015323	ENDEVOR START-UP CLISTS DO NOT SUPPORT SPLIT SCREEN	PTF
S015658	TSO SESSION HANGS IN FOREGROUND ACTION	PTF
S015962	SOC4 BSTPPARS CONRELE	PTF
S015978	PRINT BACKED OUT ELEMENT RETURNS NO ELEMENT	PTF
S015994	CCID/COMMENT DETAILS IN QE SUMMARY LIST	PTF
S015995	CCID/COMMENT DETAILS IN QE SUMMARY LIST	PTF
S016224	ABEND4C6-OC FOR PACKAGE ACTION VIA EINE	PTF

CA Endevor SCM CA RS 2102 Service List for CSIQI10

FMID	Service	Description	Type	
CSIQI10	LU00093	B37 ABEND IN WEB SERVICES DYNAMICALLY ALLOCATED NDVROPTS	PTF	
	LU00108	COPYELM/COMPELM BEHAVIOUR INCONSISTENT	PTF	
	SO12677 ENDEVOR START-UP CLISTS DO NOT SUPPORT SPLIT SCREEN			
	S015658	TSO SESSION HANGS IN FOREGROUND ACTION	PTF	
S015962 S015994		SOC4 BSTPPARS CONRELE	PTF	
		CCID/COMMENT DETAILS IN QE SUMMARY LIST	PTF	
	S016224	ABEND4C6-OC FOR PACKAGE ACTION VIA EINE	PTF	
The CA RS 2102 service count for this FMID is 7				

CA Endevor SCM CA RS 2102 Service List for CSIQI11

FMID	Service	Description	Type		
CSIQI11	LU00109	COPYELM/COMPELM BEHAVIOUR INCONSISTENT	PTF		
	S015323	ENDEVOR START-UP CLISTS DO NOT SUPPORT SPLIT SCREEN	PTF		
	S015995	CCID/COMMENT DETAILS IN QE SUMMARY LIST	PTF		
The CA RS 2102 service count for this FMID is 3					

CA Endevor SCM CA RS 2102 Service List for CSIQI13

FMID	Service	Description	Type	
CSIQI13	S015978	PRINT BACKED OUT ELEMENT RETURNS NO ELEMENT	PTF	
The CA RS 2102 service count for this FMID is 1				

CA Endevor SCM 18.1 CA RS 2102 - PTF LU00093 Details

Service	Details			
LU00093	LU00093 M.C.S. ENTRIES = ++PTF (LU00093)			
	B37 ABEND IN WEB SERVICES DYNAMICALLY ALLOCATED NDVROPTS			
	PROBLEM DESCRIPTION:			
	A B37-04 Abend can occur in the dynamically allocated temporary file			
	for DDNAME NDVROPTS during Web Services startup.			
	SYMPTOMS:			
	Web Services abends with a B37-04, pointing to a temporary data set			
	and DDNAME NDVROPTS.			
	IMPACT:			
	Web Services will not start.			
	CIRCUMVENTION:			
	The circumvention is to add a DD statement for NDVROPTS to the			
	Web Services server JCL, for instance:			
	//NDVROPTS DD DCB=(DSORG=PS,RECFM=FBA,LRECL=133),			
	// UNIT=SYSDA, SPACE=(CYL, (2,1))			
	See member EAPISVR in the CSIQJCL data set.			
	PRODUCT(S) AFFECTED:			
	CA Endevor SCM Release 18.1			
	Related Problem:			
	ENDBAS 12699			
	Copyright (C) 2021 CA. All rights reserved. R00108-SCM181-SP0			
	DESC(B37 ABEND IN WEB SERVICES DYNAMICALLY ALLOCATED NDVROPTS).			
	++VER (Z038)			
	FMID (CSIQI10)			
	SUP (LT00093)			

CA Endevor SCM 18.1 CA RS 2102 - PTF LU00108 Details

Service	Details				
LU00108	LU00108 M.C.S. ENTRIES = ++PTF (LU00108)				
	COPYELM/COMPELM BEHAVIOUR INCONSISTENT				
	PROBLEM DESCRIPTION:				
	Quick Edit users reported that there was some strange/inconsistent				
	behaviour when invoking COPYELM/COMPELM commands.				
	Under some circumstances, but not all, after invoking the COMPELM or				
	COPYELM command, the Inventory area filter and option panel, ENDIE900				
	might be bypassed, going directly to an element selection list or				
	if only one element was returned, immediately performing the operation.				
	This was the original intention of the feature - if the COPY or				
	compare operation was invoked with NO OPERANDS then it should always				
	result in the panel ENDIE900 being presented.				
	If the command was entered WITH an Element name then the display				
	should be bypassed (just like IBM's EDIT copy or compare commands -				
	if you provide the full details, the prompt is bypassed). For IBM's				
	command you need to provide a fully qualified dataset name, or a				
	member name in brackets. Endevor on the other hand only needs an				
	Element name (and optionally type) with the other inventory details				
	coming from the CURRENT element being edited.				
	The problems arose if there was an error message;				
	- For example if the element were not found, or the type was invalid				
	The panel would attempt to propagate a 'CO' operation but fail				
	because of the pending message (but leaving a 'CO') in the command				
	field. or				
	- If the element being edited was out of Sync, then even if the				
	Element (and optionally TYPE) were valid, an unexpected repeat of				
	the out of sync message (SMGR164E) would appear. Yes! the element				
	we're editing is out of Sync, but the user might be in the process				
	of performing an COMPELM to resolve those conflicts - they don't need to be reminded.				
	- A further bug was discovered in that while the COPYELM needs a				
	DESTination target, COMPELM does not, but if one were specified,				
	the user would be presented with a page of RED allocation error				
	messages, indicating an invalid temp dataset name (".COMP) and				
	the compare was aborted.				
	SYMPTOMS:				
	COPYELM/COMPELM behaviour inconsistent/unpredictable.				
	IMPACT:				
	Problem affects QuickEdit users trying to fast-path a copy				
	or compare request.				
	CIRCUMVENTION:				
	Issue the COMPELM or COPYELM command without any parameters				
	to always display the ENDIE900 confirmation/filter panel.				
	PRODUCT(S) AFFECTED:				
	CA Endevor SCM Release 18.1				
	Related Problem:				
	ENDBAS 7813				
	Copyright (C) 2021 CA. All rights reserved. R00109-SCM181-SP0				
	DESC(COPYELM/COMPELM BEHAVIOUR INCONSISTENT).				
	++VER (Z038)				
	FMID (CSIQI10)				
	PRE (S011288)				

CA Endevor SCM 18.1 CA RS 2102 - PTF LU00108 Details

Service	Details
	SUP (LT00108)
	++IF FMID(CSIQI11) REQ(LU00109) .
	++HOLD (LU00108) SYSTEM FMID(CSIQI10)
	REASON (ACTION) DATE (21027)
	COMMENT (
	++
	CA Endevor SCM Release 18.1
	SEQUENCE Before Apply
	PURPOSE This PTF updates PANELS in the CSIQPENU library.
	USERS All Endevor users.
	KNOWLEDGE 1. SMP/e
	REQUIRED 2. Endevor Administration
	3. Endevor PANELS
	++
	ACCESS No special access is required. REQUIRED

	* STEPS TO PERFORM *

	1. Backup any customized PANELS in CSIQPENU that this PTF supplies.
	2. APPLY this PTF.
	3. Re-apply your customizations to the updated PANELS in CSIQPENU.
).

CA Endevor SCM 18.1 CA RS 2102 - PTF LU00109 Details

Service	Details
	LU00109 M.C.S. ENTRIES = ++PTF (LU00109)
	COPYELM/COMPELM BEHAVIOUR INCONSISTENT
	PROBLEM DESCRIPTION:
	Quick Edit users reported that there was some strange/inconsistent
	behaviour when invoking COPYELM/COMPELM commands.
	Under some circumstances, but not all, after invoking the COMPELM or
	COPYELM command, the Inventory area filter and option panel, ENDIE900
	might be bypassed, going directly to an element selection list or
	if only one element was returned, immediately performing the operation.
	This was the original intention of the feature - if the COPY or
	compare operation was invoked with NO OPERANDS then it should always
	result in the panel ENDIE900 being presented.
	If the command was entered WITH an Element name then the display
	should be bypassed (just like IBM's EDIT copy or compare commands -
	if you provide the full details, the prompt is bypassed). For IBM's
	command you need to provide a fully qualified dataset name, or a
	member name in brackets. Endevor on the other hand only needs an
	Element name (and optionally type) with the other inventory details
	coming from the CURRENT element being edited.
	The problems arose if there was an error message;
	- For example if the element were not found, or the type was invalid
	The panel would attempt to propagate a 'CO' operation but fail
	because of the pending message (but leaving a 'CO') in the command
	field. or
	- If the element being edited was out of Sync, then even if the
	Element (and optionally TYPE) were valid, an unexpected repeat of
	the out of sync message (SMGR164E) would appear. Yes! the element
	we're editing is out of Sync, but the user might be in the process
	of performing an COMPELM to resolve those conflicts - they don't
	need to be reminded.
	- A further bug was discovered in that while the COPYELM needs a
	DESTination target, COMPELM does not, but if one were specified,
	the user would be presented with a page of RED allocation error
	messages, indicating an invalid temp dataset name (".COMP) and
	the compare was aborted.
	SYMPTOMS:
	COPYELM/COMPELM behaviour inconsistent/unpredictable.
	IMPACT: Problem affects QuickEdit users trying to fast-path a copy
	or compare request.
	CIRCUMVENTION:
	Issue the COMPELM or COPYELM command without any parameters
	to always display the ENDIE900 confirmation/filter panel.
	PRODUCT(S) AFFECTED:
	CA Endevor SCM Release 18.1
	Related Problem:
	ENDBAS 7813
	Copyright (C) 2021 CA. All rights reserved. R00109-SCM181-SP0
	DESC(COPYELM/COMPELM BEHAVIOUR INCONSISTENT).
	++VER (Z038)
	FMID (CSIQI11)
	SUP (LT00109)
	SUP (LT00109)

CA Endevor SCM 18.1 CA RS 2102 - PTF LU00109 Details

Service	Details				
	++IF FMID(CSIQI10) REQ(LU00108) .				
	++HOLD (LU00109) SYSTEM FMID(CSIQI11)				
	REASON (ACTION) DATE (21027)				
	COMMENT (
	CA Endevor SCM Japanese Localization Release 18.1				
	SEQUENCE Before Apply				
	PURPOSE This PTF updates PANELS in the CSIQPJPN library.				
	you must backup your customized version of the PANEL(S)				
	before applying this PTF to avoid losing your changes.				
	+				
	USERS All Endevor users.				
	AFFECTED				
	+				
	KNOWLEDGE 1. SMP/e				
	REQUIRED 2. Endevor Administration				
	3. Endevor PANELS				
	++				
	ACCESS No special access is required.				
	REQUIRED				
	++				

	* STEPS TO PERFORM *				

	 Backup any customized PANELS in CSIQPJPN that this PTF supplies. APPLY this PTF. 				
	3. Re-apply your customizations to the updated PANELS in CSIQPJPN.				
).				

Service	Details		
S012677	S012677 M.C.S. ENTRIES = ++PTF (S012677)		
	ENDEVOR START-UP CLISTS DO NOT SUPPORT SPLIT SCREEN		
	PROBLEM DESCRIPTION:		
	Customers have noticed problems (when NOT running Endevor from the		
	linklist) that our supplied clists may free the CONLIB on exit, even		
	if Endevor (or Quick Edit) is still in use on a split screen.		
	In addition, LIBDEFs are supplied without the 'STACK' option causing		
	repeat invocations to replace any existing definition without heed to		
	what might be 'broken' on exit.		
	Some customers have tried using TSOLIB or STEPLIB commands to provide a dynamic method of changing the library concatenation, however, since TASKLIB is not supported by the Endevor service task, they may hang or get program not found messages. SYMPTOMS:		
	Symptoms include (but are not limited to);		
	- S806 MODULE NOT FOUND		
	- ERROR GETTING SHARED VECTOR STORAGE. RC=0008		
	- S047 or U047 abends		
	IMPACT:		
	ISPF users may see problems starting Endevor, Quick Edit, or PDM		
	especially if using split screens or dynamic steplib/tasklib		
	utilities.		
	CIRCUMVENTION:		
	Execute Endevor from LINKLIST and remove allocations from startup		
	clists and/or SCMM@LIB include/skeleton members, or use tailored		
	TSO LOGON procs specifying a STEPLIB with the Endevor APF authorised		
	libraries.		
	PRODUCT(S) AFFECTED:		
	CA Endevor SCM Version 18.0		
	CA Endevor SCM Release 18.1		
	Related Problem:		
	ENDBAS 7706		
	Copyright (C) 2020 CA. All rights reserved. R00044-SCM181-SP0		
	DESC(ENDEVOR START-UP CLISTS DO NOT SUPPORT SPLIT SCREEN).		
	++VER (Z038)		
	FMID (CSIQI10)		
	PRE (S011288 S012300 S012441 S014704 S015818)		
	SUP (ST12677)		
	++IF FMID(CSIQI11) REQ(S015323) .		
	++HOLD (S012677) SYSTEM FMID(CSIQI10)		
	REASON (ACTION) DATE (20349)		
	COMMENT (
	++		
	CA Endevor SCM Release 18.1		
	++		
	SEQUENCE Before Apply		
	PURPOSE This PTF updates PANELS in the CSIQPENU library.		
	If you have customized the PANEL(S) delivered by this PTF,		
	you must backup your customized version of the PANEL(S)		
	before applying this PTF to avoid losing your changes.		
	++		

	Details	
USERS	All Endevor users.	
AFFECTED	1	
+	-+	
'	S 1. SMP/e	
	2. Endevor Administration	
·	3. Endevor PANELS	
ACCESS No special access is required.		
REQUIRED		
	-+	
*******	*******	
* STEPS	TO PERFORM *	
*******	********	
1. Backup any customized PANELS in CSIQPENU that this PTF supplies		
2. APPLY t		
1	y your customizations to the updated PANELS in CSIQPENU.	
'	Indevor SCM Release 18.1	
	Before Apply	
-	-+	
PURPOSE	This PTF updates SKELETONS in the CSIQSENU library.	
1	If you have customized the SKELETON(S) delivered by this	
1	PTF, you must backup your customized version of the	
1	\mid SKELETON(S) before applying this PTF to avoid losing your \mid	
I	changes.	
,	-+	
·	All Endevor users.	
AFFECTED	· · · · · · · · · · · · · · · · · · ·	
	: 1. SMP/e	
	2. Endevor Administration	
1	3. Endevor PANELS	
+	-+	
ACCESS	No special access is required.	
REQUIRED		
	-+	

	TO PERFORM *	
	any customized SKELETONS in CSIQSENU that this PTF supplies.	
2. APPLY t		
	y your customizations to the updated SKELETONS in CSIQSENU.	
1		
1,	Indevor SCM Release 18.1	
SEQUENCE	Before Apply	
	L This DTE undates CLISTS in the CSICCLSO library	
1.	This PTF updates CLISTS in the CSIQCLSO library.	
	If you have customized the CLIST(S) delivered by this PTF, you must backup your customized version of the CLIST(S)	
	before applying this PTF to avoid losing your changes.	
'	perore apprying this Pir to avoid losing your changes.	
LUSERS	All Endevor users.	

e	Details	
AFFECTED	1	I
+	+	+
KNOWLEDG	E 1. SMP/e	1
REQUIRED	2. Endevor Administration	I
I	3. Endevor CLISTS	1
	+	+
·	No special access is required.	l
REQUIRED	' +	l
	******	+
* STEPS	TO PERFORM *	
*****	******	
1. Backup	any customized CLISTS in CSIQCLSO that this H	PTF supplies.
2. APPLY	this PTF.	
3. Re-app	ly your customizations to the updated CLISTS	in CSIQCLSO.
'		+
•		Release 18.1
	Poth hoforo Apply and after Apply	
	Both before Apply and after Apply	 +
	Merge/Retrofit any customisations in the S	Skeletons or
	startup CLISTS.	
+	+	+
USERS	1	I
AFFECTED	All	1
+	+	+
KNOWLEDG	E	1
	Endevor Administrator, Sysprog, SMP/E	I
	Update access to Endevor run-time libraria	
REQUIRED	•	:s
	'+	+
*****	*******	
* STEPS	TO PERFORM *	
******	********	
	re applying this PTF, backup any customised CI	LISTs
	ons (CSIQCLSO/CSIQISPS)	
	er applying the PTF, review the changes supplied	ed in
customiza	and merge/retrofit any site specific	
	PTF provides a new default/sample version of	the
ENUXSITE		circ
for EN\$DF	Txx, and if found will overlay the last two	
character	s of the default C1DEFLTS table with the	
character	s (xx) from the DDname. This should make	
it easy f	or sites that wish to support multiple	
C1DEFLTS	tables to simply add an:	
	E(EN\$DFTxx) DUMMY SHR REU	
	to their logon or startup clists so that	
	rill automatically select an appropriate	
	table and propagate it to any batch jobs	
	submitted through the SCMM@LIB skeleton	
	In addition, three new processor symbols	
are micro	duced to allow processors to also participate	

Service	Details					
	in with dynamically selected C1DEFLTS:					
	&C1DFLTNM [] The Current Endevor C1DEFLTS name					
	&C1SITEID The Current Endevor SITE-ID					
	&C1CUNAME [] Customer name CUNAME= from the defaults					
	4. To take advantage of this new exit; assemble each					
	required C1DEFLTS table, specifying the appropriate					
	suffix in the SYSLMOD member name of the LINK step.					
	5. Optionally, review your processors that submit jobs to					
	determine if they should include a //EN\$DFT DD DUMMY					
	statement.					
).					

Service	Details					
S015323	3 S015323 M.C.S. ENTRIES = ++PTF (S015323)					
	ENDEVOR START-UP CLISTS DO NOT SUPPORT SPLIT SCREEN					
	PROBLEM DESCRIPTION:					
	Customers have noticed problems (when NOT running Endevor from the					
	linklist) that our supplied clists may free the CONLIB on exit, even					
	if Endevor (or Quick Edit) is still in use on a split screen.					
	In addition, LIBDEFs are supplied without the 'STACK' option causing repeat invocations to replace any existing definition without heed to what might be 'broken' on exit.					
	Some customers have tried using TSOLIB or STEPLIB commands to provide					
	a dynamic method of changing the library concatenation, however,					
	since TASKLIB is not supported by the Endevor service task, they may					
	hang or get program not found messages.					
	SYMPTOMS:					
	Symptoms include (but are not limited to);					
	- S806 MODULE NOT FOUND					
	- ERROR GETTING SHARED VECTOR STORAGE. RC=0008					
	- S047 or U047 abends					
	IMPACT:					
	ISPF users may see problems starting Endevor, Quick Edit, or PDM					
	especially if using split screens or dynamic steplib/tasklib					
	utilities.					
	CIRCUMVENTION:					
	Execute Endevor from LINKLIST and remove allocations from startup					
	clists and/or SCMM@LIB include/skeleton members, or use tailored					
	TSO LOGON procs specifying a STEPLIB with the Endevor APF authorised					
	libraries.					
	PRODUCT(S) AFFECTED:					
	CA Endevor SCM Version 18.0					
	CA Endevor SCM Release 18.1					
	Related Problem:					
	ENDBAS 7706					
	Copyright (C) 2020 CA. All rights reserved. R00044-SCM181-SP0					
	DESC (ENDEVOR START-UP CLISTS DO NOT SUPPORT SPLIT SCREEN).					
	++VER (Z038)					
	FMID (CSIQII1)					
	PRE (S011289 S012326)					
	SUP (ST15323)					
	++IF FMID(CSIQI10) REQ(S012677) .					
	++HOLD (S015323) SYSTEM FMID(CSIQI11)					
	REASON (ACTION) DATE (20349)					
	COMMENT (++					
	CA Endevor SCM Japanese Localization Release 18.1					
	++					
	SEQUENCE Before Apply					
	++					
	PURPOSE This PTF updates PANELS in the CSIQPJPN library.					
	If you have customized the PANEL(S) delivered by this PTF,					
	you must backup your customized version of the PANEL(S)					
	before applying this PTF to avoid losing your changes.					

Service	Details					
	USERS All Endevor users.					
	AFFECTED					
	++					
	KNOWLEDGE 1. SMP/e					
	REQUIRED 2. Endevor Administration					
	3. Endevor PANELS					
	++					
	ACCESS No special access is required.					
	REQUIRED					
	+					

	* STEPS TO PERFORM *					

	1. Backup any customized PANELS in CSIQPJPN that this PTF supplies.					
	2. APPLY this PTF.					
	3. Re-apply your customizations to the updated PANELS in CSIQPJPN.					
).					

Service	Details					
	S015658 M.C.S. ENTRIES = ++PTF (S015658)					
	TSO SESSION HANGS IN FOREGROUND ACTION					
	PROBLEM DESCRIPTION:					
	A TSO session hangs when a foreground action is done and JCLCHECK is executed either within a processor or out of an Endevor exit. SYMPTOMS: The TSO session is frozen. IMPACT:					
	The TSO session is frozen.					
	CIRCUMVENTION:					
	If JCLCHECK is executed as part of a processor, use background					
	processing.					
	No circumvention exists if JCLCHECK is called from an exit.					
	PRODUCT(S) AFFECTED:					
	CA Endevor SCM Version 18.0					
	CA Endevor SCM Release 18.1					
	Related Problem:					
	ENDBAS 7805					
	Copyright (C) 2020 CA. All rights reserved. R00092-SCM181-SP0					
	DESC(TSO SESSION HANGS IN FOREGROUND ACTION).					
	++VER (Z038)					
	FMID (CSIQI10)					
	PRE (S011879 S012490 S013128 S013177 S013479 S013857					
	S014674 S014847 S015462)					
	SUP (S012864 S015434 ST12864 ST15434 ST15658) ++HOLD (S015658) SYSTEM FMID(CSIQI10) REASON (DOC) DATE (20356) COMMENT (
	++ CA Endevor SCM Release 18.1					
	**					

	* PUBLICATION *					

	Considerations for running Endevor in a TSO-ISPF environment					
	Under TSO, Endevor uses the TSO Service Routine program IKJEFTSR to					
	execute a processor or exit program in an isolated environment if at					
	least one of these conditions is true:					
	- the program must run authorized					
	- the program must run under Endevor's ALTID (alternate id)					
	This means that these restrictions apply:					
	- no ISPF services					
	- no REXX services that depend on an environment other than the first					
	TSO/E environment created at LOGON time					
	For integrity reasons, a processor program that must run authorized					
	must be defined in at least one of these tables:					
	1. The Endevor C1GTAPGM table (authorized processor program table)					
	2. The TSO AUTHPGM table (member IKJTSOxx in the system PARMLIB)					
	3. The TSO AUTHTSF table (member IKJTSOxx in the system PARMLIB)					
	A processor program that wasn't found in either of these tables will					

Service	Details				
	be invoked unauthorized.				
).				

Service	Details					
S015962	S015962 M.C.S. ENTRIES = ++PTF (S015962)					
	SOC4 BSTPPARS CONRELE					
	PROBLEM DESCRIPTION:					
	SOC4 in BSTPPARS+79A called from CONRELE					
	SYMPTOMS:					
	ABEND SOC4					
	IMPACT:					
	Failed processor execution					
	CIRCUMVENTION: Failure caused by unmatched quote in column 72 input to CONRELE. Correct the unmatched quote and resubmit action.					
	PRODUCT(S) AFFECTED:					
	CA Endevor SCM	Version 18.0				
	CA Endevor SCM	Release 18.1				
	Related Problem:					
	ENDBAS 7838					
	Copyright (C) 2020 CA. All rights reserved. R00099-SCM181-	-SP0				
	DESC(SOC4 BSTPPARS CONRELE).					
	++VER (Z038)					
	FMID (CSIQI10)					
	SUP (ST15962)					

Service	Details					
S015978	S015978 M.C.S. ENTRIES = ++PTF (S015978)					
	PRINT BACKED OUT ELEMENT RETURNS NO ELEMENT					
	PROBLEM DESCRIPTION:					
	PRINT A BACKED OUT ELEMENT WITH THE WEB SERVICES RETURNS JUST WARNINGS					
	BUT THE ELEMENT SOURCE IS NOT PRINTED					
	SYMPTOMS:					
	- Endevor API response contains HTTP CODE 206, RC=4 (with backout warnings)					
	and body is empty.					
	IMPACT:					
	Request completes with warnings but no ELEMENT printed.					
	CIRCUMVENTION:					
	none					
	PRODUCTS AFFECTED:					
	CA Endevor, Version 18.0					
	CA Endevor, Release 18.1					
	PRODUCT(S) AFFECTED:					
	CA Endevor SCM Version 18	.0				
	CA Endevor SCM Release 18	.1				
	Related Problem:					
	ENDBAS 7833					
	Copyright (C) 2020 CA. All rights reserved. R00100-SCM181-SP0					
	DESC(PRINT BACKED OUT ELEMENT RETURNS NO ELEMENT).					
	 ++VER (Z038)					
	FMID (CSIQI13)					
	PRE (S011272 S013582 S013849)					
	SUP (S012309 S013905 S015234 S015900 ST12309 ST13559					
	ST13905 ST15234 ST15773 ST15819 ST15900 ST15978)					
	++HOLD (S015978) SYSTEM FMID(CSIQI13)					
	REASON (ACTION) DATE (20350)					
	COMMENT (
	+	+				
	CA Endevor SCM for Web Services Release 18.1	I				
	+	+				
	SEQUENCE After Apply	l				
	+	+				
	PURPOSE This correction updates Endevor Web Services.	1				
	To implement this update, you must update	l				
	the Web Services component of your target Tomcat	I				
	directory and recycle the Tomcat server.	I				
	+	+				
	USERS	l				
	AFFECTED All users of Endevor Web Services.	I				
	+	+				
	KNOWLEDGE 1. SMP/e	l				
	REQUIRED 2. Endevor Web Services	l				
	3. Tomcat	l				
	4. Unix System Services	l				
	+	+				
	ACCESS 1. Update access to USS target and deployment files	I				
	REQUIRED 2. Ability to stop and start Tomcat	I				
	++					

Service	Details						
	* 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 directory="" install="">/tpv</uss>						
	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						
).						
	BINARY						
	LINK('/tpv/tomcat/webapps/EndevorService.war')						
	PARM(PATHMODE(0,7,7,5)) .						
	TEXT						
	LINK('/tpv/tomcat/webapps/EndevorService.war.md5						
	')						
	PARM(PATHMODE(0,7,7,5)) .						

Service	Details					
	S015994 M.C.S. ENTRIES = ++PTF (S015994)					
	CCID/COMMENT DETAILS IN QE SUMMARY LIST					
	PROBLEM DESCRIPTION:					
	Add CCID/COMMENT to QuickEdit Summary of Levels list and enable left/					
	right scrolling on panels ENDIE260/1.					
	In addition, ESORT is enabled for all columns.					
	SYMPTOMS:					
	Customers who had applied S014704 could SEE CCID and COMMENT					
	information columns but the Comment information was not correct.					
	IMPACT:					
	Quick Edit Users could not see the COMMENT information from the					
	Summary of Levels screen					
	CIRCUMVENTION:					
	Use Change or History views to access Element history					
	PRODUCT(S) AFFECTED:					
	CA Endevor SCM Release 18.1					
	Related Problem:					
	ENDBAS 7827					
	Copyright (C) 2020 CA. All rights reserved. R00101-SCM181-SP0					
	DESC(CCID/COMMENT DETAILS IN QE SUMMARY LIST).					
	++VER (Z038)					
	FMID (CSIQI10)					
	PRE (S012494 S014704)					
	SUP (ST15994)					
	++IF FMID(CSIQI11) REQ(S015995).					
	++HOLD (S015994) SYSTEM FMID(CSIQI10)					
	REASON (ACTION) DATE (20351) COMMENT (
	++					
	CA Endevor SCM Release 18.1					
	SEQUENCE Before Apply					
	PURPOSE This PTF updates PANELS in the CSIQPENU library.					
	If you have customized the PANEL(S) delivered by this PTF,					
	you must backup your customized version of the PANEL(S)					
	before applying this PTF to avoid losing your changes.					
	++					
	AFFECTED					
	++					
	KNOWLEDGE 1. SMP/e					
	REQUIRED 2. Endevor Administration					
	3. Endevor PANELS					
	++					
	ACCESS No special access is required.					
	REQUIRED					
	+					

	* STEPS TO PERFORM *					

	1. Backup any customized PANELS in CSIQPENU that this PTF supplies.					

Service	Details					
	2. APPLY this PTF.					
	3. Re-apply your customizations to the updated PANELS in CSIQPENU.					
).					

```
Service
                                  Details
S015995 S015995 M.C.S. ENTRIES = ++PTF (S015995)
      CCID/COMMENT DETAILS IN QE SUMMARY LIST
      PROBLEM DESCRIPTION:
      Add CCID/COMMENT to QuickEdit Summary of Levels list and enable left/
      right scrolling on panels ENDIE260/1.
      In addition, ESORT is enabled for all columns.
      SYMPTOMS:
      Customers who had applied S014704 could SEE CCID and COMMENT
      information columns but the Comment information was not correct.
      IMPACT:
      Quick Edit Users could not see the COMMENT information from the
      Summary of Levels screen
      CIRCUMVENTION:
      Use Change or History views to access Element history
      PRODUCT(S) AFFECTED:
      CA Endevor SCM
                                                        Release 18.1
      Related Problem:
      ENDBAS 7827
      Copyright (C) 2020 CA. All rights reserved. R00101-SCM181-SP0
      DESC(CCID/COMMENT DETAILS IN QE SUMMARY LIST).
      ++VER (Z038)
      FMID (CSIQI11)
      PRE ( S014705 )
      SUP (ST15995)
      ++IF FMID(CSIQI10) REQ(S015994) .
      ++HOLD (S015995) SYSTEM FMID(CSIQI11)
      REASON (ACTION ) DATE (20351)
      COMMENT (
      +-----
           CA Endevor SCM Japanese Localization
                                                  Release 18.1
      +-----
      |SEQUENCE | Before Apply
      +-----
      | PURPOSE | This PTF updates PANELS in the CSIQPJPN library.
              | If you have customized the PANEL(S) delivered by this PTF,|
               | you must backup your customized version of the PANEL(S) |
               | before applying this PTF to avoid losing your changes.
      LUSERS
              | All Endevor users.
      |AFFECTED |
                                                                1
      |KNOWLEDGE | 1. SMP/e
      |REQUIRED | 2. Endevor Administration
                                                                1
              | 3. Endevor PANELS
      |ACCESS | No special access is required.
      |REOUIRED |
      +-----
      *******
      * STEPS
               TO
                    PERFORM *
      1. Backup any customized PANELS in CSIQPJPN that this PTF supplies.
```

Service	Details					
	2. APPLY this PTF.					
	3. Re-apply your customizations to the updated PANELS in CSIQPJPN.					
).					

Service	Details						
S016224	S016224 M.C.S. ENTRIES = ++PTF (S016224)						
	ABEND4C6-OC FOR PACKAGE ACTION VIA EINE						
	PROBLEM DESC	RIPTION:					
	Endevor serv	er STC (used by EIN	E and Web Services) can exper	ience			
	ABEND=S04C6	during package acti	on requests that need access	to			
	USS with RAC	F as the security p	roduct				
	SYMPTOMS:						
	ABEND=S04C6,	REASON=0000000C in	BPXPRGPN, the STC does not to	erminate			
	and can proc	ess subsequent requ	ests.				
	IMPACT:						
	Some actions CIRCUMVENTIO	-	d via EINE or web services				
	Use another	Endevor interface t	o do the failing package acti	.on			
	PRODUCT(S) A	FFECTED:					
	CA Endevor S	CM		Version 18.0			
	CA Endevor S	CM		Release 18.1			
	Related Prob	lem:					
	ENDBAS 7770						
	Copyright (C) 2021 CA. All rights reserved. R00105-SCM181-SP0						
	DESC (ABEND4C	6-0C FOR PACKAGE AC	TION VIA EINE).				
	++VER (Z038)						
	FMID (CSIQI1	0)					
	SUP (ST1622	4)					
	MCS	LU00093	STARTS ON PAGE 0002				
	MCS	LU00108	STARTS ON PAGE 0002				
	MCS	LU00109	STARTS ON PAGE 0004				
	MCS	S012677	STARTS ON PAGE 0006				
	MCS	S015323	STARTS ON PAGE 0010				
	MCS	S015658	STARTS ON PAGE 0012				
	MCS	S015962	STARTS ON PAGE 0014				
	MCS	S015978	STARTS ON PAGE 0015				
	MCS	S015994	STARTS ON PAGE 0017				
	MCS	S015995	STARTS ON PAGE 0018				
	MCS	S016224	STARTS ON PAGE 0020				

CA Endevor SCM 18.1 CA RS 2102 Product/Component Listing

Product Family	Product	Release		
Application Development	CA ENDEVOR SCM	18.01.00		
The CA RS 2102 Product/Component Count for this release is 1				

CAR2102 S016224 CSIQI11 S015995 CSIQI11 S015994 CSIQI10 S015978 CSIQI10 S015962 CSIQI10 S015658 CSIQI10 S015658 CSIQI11 LU00109 CSIQI11 LU00109 CSIQI10 CAR2101 S015900 CSIQI10 CAR2101 S015900 CSIQI10 CAR2101 S015878 CSIQI10 CAR2012 S015779 CSIQI10 CAR2012 S015778 CSIQI10 CAR2012 S015778 CSIQI10 CAR2013 S015462 CSIQI10 CAR2014 S015234 CSIQI10 CAR2015 S015218 CSIQI10 CAR2011 S015218 CSIQI10 CAR2011 S015218 CSIQI10 CAR2011 S015218 CSIQI10 CAR2011 S015218 CSIQI10 CAR2010 S014218 CSIQI10 CAR2010 S014847 CSIQI10 <th>CA RS Level</th> <th>Service</th> <th>FMID</th>	CA RS Level	Service	FMID
SO15994 CSIQI10 SO15978 CSIQI13 SO15962 CSIQI10 SO15658 CSIQI10 SO15323 CSIQI10 SO12677 CSIQI10 LU00109 CSIQI10 LU00108 CSIQI10 CAR2101 SO15900 CSIQI13 CAR2101 SO15878 CSIQI10 CAR2012 SO15779 CSIQI10 CAR2012 SO15779 CSIQI10 CAR2012 SO15778 CSIQI10 SO15462 CSIQI10 CSIQI10 CAR2011 SO15234 CSIQI10 CAR2012 SO15219 CSIQI10 CAR2013 SO15219 CSIQI10 CAR2014 SO15219 CSIQI10 SO15219 CSIQI10 CSIQI10 CAR2011 SO15218 CSIQI10 CAR2010 SO14748 CSIQI10 CAR2010 SO14847 CSIQI10 CAR2001 SO14847 CSIQI10 CAR2009 SO14513 CSIQI10 <th>CAR2102</th> <th>S016224</th> <th>CSIQI10</th>	CAR2102	S016224	CSIQI10
SO15978 CSIQI13 SO15962 CSIQI10 SO15658 CSIQI10 SO15323 CSIQI11 SO12677 CSIQI10 LU00109 CSIQI10 LU00108 CSIQI10 CAR2101 SO15900 CSIQI10 CAR2101 SO15878 CSIQI10 CAR2012 SO15779 CSIQI10 CAR2012 SO15778 CSIQI10 CAR2012 SO15778 CSIQI10 CAR2013 SO15434 CSIQI10 CAR2014 SO15234 CSIQI10 CAR2015 SO15219 CSIQI10 CAR2011 SO14748 CSIQI10 CAR2010 SO14748 CSIQI10 CAR2010 SO14847 CSIQI10 CAR2010 SO14847 CSIQI10 CAR2009 SO14512 <th></th> <th>S015995</th> <th>CSIQI11</th>		S015995	CSIQI11
SO15962 CSIQI10 SO15658 CSIQI10 SO15658 CSIQI10 SO12677 CSIQI10 LU00109 CSIQI11 LU00109 CSIQI10 CAR2101 SO15900 CSIQI10 CAR2101 SO15878 CSIQI10 CAR2012 SO15818 CSIQI10 CAR2012 SO15779 CSIQI10 CAR2012 SO15778 CSIQI10 CAR2012 SO15778 CSIQI10 CAR2012 SO15462 CSIQI10 CAR2013 SO15234 CSIQI10 CAR2014 SO15218 CSIQI10 CAR2015 SO15218 CSIQI10 CAR2010 SO15218 CSIQI10 CAR2011 SO15218 CSIQI10 CAR2012 SO14748 CSIQI10 CAR2013 SO14704 CSIQI10 CAR2010 SO14847 CSIQI10 CAR2001 SO14674 CSIQI10 CAR2002 SO14513 CSIQI10 CAR2003 <th></th> <th>S015994</th> <th>CSIQI10</th>		S015994	CSIQI10
SO15658 CSIQI10 SO15323 CSIQI11 SO12677 CSIQI11 LU00109 CSIQI10 LU00108 CSIQI10 CAR2101 SO15900 CSIQI10 CAR2101 SO15878 CSIQI10 CAR2012 SO15818 CSIQI10 CAR2012 SO15779 CSIQI10 CAR2012 SO15778 CSIQI10 CAR2013 SO15434 CSIQI10 CAR2014 SO15234 CSIQI10 CAR2015 SO15219 CSIQI10 CAR2011 SO15218 CSIQI10 CAR2011 SO15218 CSIQI10 CAR2011 SO15218 CSIQI10 CAR2012 SO14748 CSIQI10 CAR2013 SO14748 CSIQI10 CAR2014 SO14704 CSIQI10 CAR2015 SO14704 CSIQI10 CAR2010 SO14847 CSIQI10 CAR2009 SO14513 CSIQI10 CAR2009 SO14674 CSIQI10 <tr< th=""><th></th><th>S015978</th><th>CSIQI13</th></tr<>		S015978	CSIQI13
SO15323 CSIQI11 SO12677 CSIQI10 LU00109 CSIQI10 LU00108 CSIQI10 LU00093 CSIQI10 CAR2101 S015900 CSIQI10 CAR2101 S015878 CSIQI10 CAR2012 S015779 CSIQI10 CAR2012 S015778 CSIQI10 CAR2012 S015778 CSIQI10 CAR2012 S015778 CSIQI10 CAR2013 S015434 CSIQI10 S015442 CSIQI10 CSIQI10 CAR2014 S015234 CSIQI10 CAR2015 S015219 CSIQI10 S015219 CSIQI10 CSIQI10 S015218 CSIQI10 CSIQI10 S014748 CSIQI10 CSIQI10 CAR2010 S014705 CSIQI10 CAR2010 S014871 CSIQI10 CAR2001 S014705 CSIQI10 CAR2002 S014513 CSIQI10 CAR2003 S014221 CSIQI10 <tr< th=""><th></th><th>S015962</th><th>CSIQI10</th></tr<>		S015962	CSIQI10
SO12677 CSIQI10 LU00109 CSIQI11 LU00109 CSIQI10 LU00093 CSIQI10 CAR2101 S015900 CSIQI13 CAR2101 S015878 CSIQI10 CAR2012 S015818 CSIQI10 CAR2012 S015779 CSIQI10 CAR2012 S015778 CSIQI10 CAR2012 S015462 CSIQI10 S015434 CSIQI10 CSIQI10 CAR2011 S015234 CSIQI10 CAR2011 S015219 CSIQI10 CAR2011 S015219 CSIQI10 CAR2011 S015219 CSIQI10 S015218 CSIQI10 CSIQI10 CAR2010 S014748 CSIQI10 CAR2010 S014847 CSIQI10 CAR2010 S014847 CSIQI10 CAR2009 S014512 CSIQI10 CAR2009 S014512 CSIQI10 CAR2009 S014221 CSIQI10 CAR2008 S014082 CSIQI		S015658	CSIQI10
LU00109 CSIQI110 LU00093 CSIQI10 LU00093 CSIQI10 CAR2101 S015900 CSIQI13 S015878 CSIQI10 S015818 CSIQI10 CAR2012 S015779 CSIQI10 CAR2012 S015778 CSIQI10 CAR2012 S015442 CSIQI10 S015442 CSIQI10 CSIQI10 S015434 CSIQI10 CSIQI10 CAR2011 S015234 CSIQI10 CAR2011 S015219 CSIQI10 CAR2011 S015219 CSIQI10 S015218 CSIQI10 CSIQI10 S014748 CSIQI10 CSIQI10 CAR2010 S014748 CSIQI10 CAR2010 S014847 CSIQI10 CAR2010 S014874 CSIQI10 CAR2010 S014874 CSIQI10 CAR2009 S014513 CSIQI10 CAR2009 S014513 CSIQI10 CAR2009 S014222 CSIQI10 <t< th=""><th></th><th>S015323</th><th>CSIQI11</th></t<>		S015323	CSIQI11
LU00108 CSIQI10 LU00093 CSIQI10 CAR2101 S015900 CSIQI13 CAR2101 S015878 CSIQI10 S015818 CSIQI10 CAR2012 S015779 CSIQI10 CAR2012 S015778 CSIQI10 CAR2012 S015462 CSIQI10 S015462 CSIQI10 CSIQI10 S015434 CSIQI10 CSIQI10 CAR2011 S015234 CSIQI10 CAR2011 S015219 CSIQI10 CAR2011 S015219 CSIQI10 S015218 CSIQI10 CSIQI10 S015219 CSIQI10 CSIQI10 S014748 CSIQI10 CSIQI10 CAR2010 S014847 CSIQI10 CAR2010 S014874 CSIQI10 CAR2009 S014513 CSIQI10 CAR2009 S014513 CSIQI10 CAR2009 S014222 CSIQI10 CAR2008 S014082 CSIQI10 CAR2008 S0140		S012677	CSIQI10
CAR2101 LU00093 CSIQI10 CAR2101 S015900 CSIQI13 S015818 CSIQI10 S015818 CSIQI10 CAR2012 S015779 CSIQI10 CAR2012 S015778 CSIQI10 CAR2012 S015432 CSIQI10 S015434 CSIQI10 CSIQI10 CAR2011 S015234 CSIQI10 CAR2011 S015219 CSIQI10 CAR2011 S015219 CSIQI10 CAR2011 S015218 CSIQI10 S015218 CSIQI10 CSIQI10 S014748 CSIQI10 CSIQI10 CAR2010 S014748 CSIQI10 CAR2010 S014847 CSIQI10 CAR2010 S014847 CSIQI10 CAR2001 S014704 CSIQI10 CAR2009 S014513 CSIQI10 CAR2009 S014513 CSIQI10 S014220 CSIQI10 S014221 CSIQI10 CAR2008 S014221 CSIQI		LU00109	CSIQI11
CAR2101 SO15900 CSIQI13 SO15878 CSIQI10 SO15818 CSIQI10 SO15818 CSIQI10 CAR2012 SO15779 CSIQI10 CAR2012 SO15778 CSIQI10 SO15442 CSIQI10 CSIQI10 SO15434 CSIQI10 CSIQI10 SO15234 CSIQI10 CSIQI10 CAR2011 SO15219 CSIQI10 CAR2011 SO15219 CSIQI10 SO15218 CSIQI10 CSIQI10 SO15219 CSIQI10 CSIQI10 SO15218 CSIQI10 CSIQI10 SO14748 CSIQI10 CSIQI10 CAR2010 SO14748 CSIQI10 CAR2010 SO14847 CSIQI10 CAR2010 SO14705 CSIQI10 CAR2009 SO14513 CSIQI10 SO14420 CSIQI10 SO14421 CSIQI10 SO14222 CSIQI10 CAR2008 SO13857 CSIQI10 CAR2008 <th></th> <th>LU00108</th> <th>CSIQI10</th>		LU00108	CSIQI10
SO15878 CSIQI10 SO15818 CSIQI10 SO15818 CSIQI10 SO14767 CSIQI10 CAR2012 SO15779 CSIQI10 SO15778 CSIQI10 CSIQI10 SO15462 CSIQI10 CSIQI10 SO15234 CSIQI10 CSIQI10 CAR2011 SO15214 CSIQI10 CAR2011 SO15215 CSIQI10 SO15219 CSIQI10 CSIQI10 SO15218 CSIQI10 CSIQI10 SO15219 CSIQI10 CSIQI10 SO14748 CSIQI10 CSIQI10 CAR2010 SO14748 CSIQI10 CAR2010 SO14847 CSIQI10 CAR2010 SO14847 CSIQI10 CAR2009 SO14513 CSIQI10 CAR2009 SO14513 CSIQI10 SO14674 CSIQI10 SO14222 CSIQI10 SO14222 CSIQI11 SO14082 CSIQI10 CAR2008 SO13857 CSIQI10 CAR20		LU00093	CSIQI10
SO15818 CSIQI10 CAR2012 SO15779 CSIQI10 CAR2012 SO15779 CSIQI10 SO15778 CSIQI10 SO15462 CSIQI10 SO15434 CSIQI10 SO15234 CSIQI10 CAR2011 SO15214 CSIQI10 CAR2011 SO15215 CSIQI10 CAR2011 SO15218 CSIQI10 SO15218 CSIQI10 CSIQI10 SO15218 CSIQI10 CSIQI10 SO14748 CSIQI10 CSIQI10 CAR2010 SO14748 CSIQI10 CAR2010 SO14847 CSIQI10 CAR2010 SO14847 CSIQI10 CAR2010 SO14704 CSIQI10 CAR2009 SO14513 CSIQI10 CAR2009 SO14513 CSIQI10 SO14420 CSIQI10 SO14222 CSIQI10 SO14222 CSIQI10 CAR2008 SO13857 CSIQI10 CAR2008 SO13857 CSIQI10 <th>CAR2101</th> <th>S015900</th> <th>CSIQI13</th>	CAR2101	S015900	CSIQI13
CAR2012 S014767 CSIQI10 CAR2012 S015779 CSIQI11 S015778 CSIQI10 S015462 CSIQI10 S015434 CSIQI10 S015234 CSIQI10 CAR2011 S015214 CSIQI10 CAR2011 S015215 CSIQI10 CAR2011 S015219 CSIQI10 S015218 CSIQI10 CSIQI10 S015218 CSIQI10 CSIQI10 S014748 CSIQI10 CSIQI10 CAR2010 S014748 CSIQI10 CAR2010 S014847 CSIQI10 CAR2010 S014847 CSIQI10 CAR2000 S014513 CSIQI10 CAR2009 S014513 CSIQI10 S01420 CSIQI10 CSIQI10 S014221 CSIQI10 CSIQI10 CAR2008 S014082 CSIQI10 CAR2008 S013857 CSIQI10 CAR2008 S013849 CSIQI10 CAR2008 S013849 CSIQI1		S015878	CSIQI10
CAR2012 S015779 CSIQI11 S015778 CSIQI10 S015462 CSIQI10 S015434 CSIQI10 S015234 CSIQI10 S015234 CSIQI10 CAR2011 S015219 CSIQI10 CAR2011 S015219 CSIQI10 CAR2011 S015218 CSIQI10 S015218 CSIQI10 CSIQI10 S015218 CSIQI10 CSIQI10 S014748 CSIQI10 CSIQI10 S014748 CSIQI10 CSIQI10 CAR2010 S014847 CSIQI10 CAR2010 S014847 CSIQI10 CAR2009 S014513 CSIQI10 CAR2009 S014513 CSIQI10 S01420 CSIQI10 S014220 CSIQI10 S014220 CSIQI10 S014221 CSIQI10 CAR2008 S014076 CSIQI10 CAR2008 S013857 CSIQI10 CAR2008 S013849 CSIQI10 CAR2008 S01384		S015818	CSIQI10
SO15778 CSIQI10 SO15462 CSIQI10 SO15434 CSIQI10 SO15234 CSIQI10 SO15234 CSIQI10 CAR2011 SO15210 CSIQI10 CAR2011 SO15215 CSIQI10 SO15218 CSIQI10 CSIQI10 SO15218 CSIQI10 CSIQI10 SO15125 CSIQI10 CSIQI10 SO14748 CSIQI10 CSIQI10 CAR2010 SO14847 CSIQI10 SO14705 CSIQI10 CSIQI10 CAR2010 SO14674 CSIQI10 CAR2009 SO14513 CSIQI10 CAR2009 SO14513 CSIQI10 SO14222 CSIQI10 SO14222 CSIQI10 SO14222 CSIQI10 SO14082 CSIQI10 CAR2008 SO13857 CSIQI10 CAR2008 SO13849 CSIQI10 SO13849 CSIQI13 SO13082 CSIQI13 CAR2007 SO13690 CSIQI10 CAR20		S014767	CSIQI10
SO15462 CSIQI10 SO15434 CSIQI10 SO15234 CSIQI10 SO15110 CSIQI10 CAR2011 SO15219 CSIQI10 CAR2011 SO15219 CSIQI10 SO15218 CSIQI10 CSIQI10 SO15218 CSIQI10 CSIQI10 SO14748 CSIQI10 CSIQI10 SO13905 CSIQI10 CSIQI10 CAR2010 SO14847 CSIQI10 CAR2010 SO14847 CSIQI10 SO14704 CSIQI10 CSIQI10 CAR2009 SO14513 CSIQI10 CAR2009 SO14513 CSIQI10 SO14220 CSIQI10 CSIQI10 SO14221 CSIQI10 CSIQI10 SO14082 CSIQI10 CSIQI10 CAR2008 SO13857 CSIQI10 CAR2008 SO13849 CSIQI10 SO13849 CSIQI10 SO13849 CSIQI10 CAR2007 SO13690 CSIQI11 CAR2007 SO136	CAR2012	S015779	CSIQI11
SO15434 CSIQI10 SO15234 CSIQI13 SO15234 CSIQI10 SO15110 CSIQI10 CAR2011 SO15215 CSIQI10 SO15219 CSIQI11 SO15218 CSIQI10 SO15218 CSIQI10 SO15125 CSIQI10 SO13905 CSIQI10 SO13905 CSIQI10 CAR2010 SO14847 CSIQI10 SO14704 CSIQI10 SO14705 CSIQI10 CAR2009 SO14513 CSIQI10 CAR2009 SO14513 CSIQI10 SO14420 CSIQI10 SO14222 CSIQI10 SO14221 CSIQI10 SO14222 CSIQI10 CAR2008 SO13857 CSIQI10 CAR2008 SO13849 CSIQI10 SO13849 CSIQI10 SO13082 CSIQI13 CAR2007 SO13690 CSIQI10 CAR2007 SO13689 CSIQI10		S015778	CSIQI10
CAR2011 SO15234 CSIQI13 CAR2011 SO15110 CSIQI10 CAR2011 SO15219 CSIQI10 SO15219 CSIQI11 CSIQI10 SO15218 CSIQI10 CSIQI10 SO15125 CSIQI10 CSIQI10 SO14748 CSIQI10 CSIQI10 CAR2010 SO14847 CSIQI10 CAR2010 SO14704 CSIQI10 CAR2000 SO14674 CSIQI10 CAR2009 SO14513 CSIQI10 CAR2009 SO14309 CSIQI10 SO14309 CSIQI10 SO14222 CSIQI11 SO14221 CSIQI10 CSIQI10 CAR2008 SO14076 CSIQI10 CAR2008 SO13857 CSIQI10 CAR2008 SO13849 CSIQI10 SO13849 CSIQI10 SO13082 CSIQI10 CAR2007 SO13690 CSIQI10 CAR2007 SO13689 CSIQI10		S015462	CSIQI10
CAR2011 SO15110 CSIQI10 CAR2011 SO15219 CSIQI10 SO15218 CSIQI10 CSIQI11 SO15218 CSIQI10 CSIQI13 SO15125 CSIQI10 CSIQI10 SO14748 CSIQI10 CSIQI10 SO13905 CSIQI10 CSIQI10 CAR2010 SO14847 CSIQI10 CAR2010 SO14704 CSIQI10 SO14704 CSIQI10 CSIQI10 CAR2009 SO14513 CSIQI10 SO14420 CSIQI10 SO14309 CSIQI10 SO14309 CSIQI10 SO14222 CSIQI10 SO14082 CSIQI10 CAR2008 SO14076 CSIQI10 CAR2008 SO13857 CSIQI10 CSIQI10 SO13849 CSIQI13 CSIQI10 SO13082 CSIQI13 CSIQI10 CAR2007 SO13690 CSIQI10 CAR2007 SO13689 CSIQI10		S015434	CSIQI10
CAR2011 S015251 CSIQI10 S015219 CSIQI11 S015218 CSIQI10 S015218 CSIQI10 S015125 CSIQI13 S014748 CSIQI10 S013905 CSIQI10 CAR2010 S014847 CSIQI10 CAR2010 S014704 CSIQI10 S014704 CSIQI10 CSIQI10 CAR2009 S014513 CSIQI10 CAR2009 S014513 CSIQI10 S014309 CSIQI10 S014222 CSIQI10 S014221 CSIQI10 S014082 CSIQI10 CAR2008 S014076 CSIQI10 CAR2008 S013857 CSIQI10 CAR2008 S013321 CSIQI10 S013082 CSIQI13 CSIQI10 CAR2007 S013690 CSIQI10 CAR2007 S013689 CSIQI10 CAR2007 S013689 CSIQI10		S015234	CSIQI13
SO15219 CSIQI11 SO15218 CSIQI10 SO15218 CSIQI13 SO15125 CSIQI10 SO14748 CSIQI10 SO13905 CSIQI13 SO12172 CSIQI10 CAR2010 SO14847 CSIQI10 SO14704 CSIQI10 SO14674 CSIQI10 CAR2009 SO14513 CSIQI10 SO14420 CSIQI10 SO14309 CSIQI10 SO14222 CSIQI11 SO14082 CSIQI10 CAR2008 SO14076 CSIQI10 CAR2008 SO13857 CSIQI10 CAR2008 SO13849 CSIQI13 SO13082 CSIQI13 SO13082 CSIQI13 CAR2007 SO13690 CSIQI10 CAR2007 SO13689 CSIQI10		S015110	CSIQI10
SO15218 CSIQI10 SO15215 CSIQI13 SO15125 CSIQI10 SO14748 CSIQI10 SO13905 CSIQI13 CAR2010 SO12172 CSIQI10 SO14705 CSIQI11 SO14704 CSIQI10 SO14674 CSIQI10 CAR2009 SO14513 CSIQI10 SO14309 CSIQI10 SO14222 CSIQI10 SO14221 CSIQI10 SO14082 CSIQI13 SO14076 CSIQI10 CAR2008 SO13857 CSIQI10 SO13849 CSIQI13 SO13082 CSIQI13 CAR2007 SO13690 CSIQI11 CAR2007 SO13689 CSIQI10	CAR2011	S015251	CSIQI10
SO15125 CSIQI13 SO14748 CSIQI10 SO13905 CSIQI13 SO12172 CSIQI10 CAR2010 SO14847 CSIQI10 SO14705 CSIQI11 SO14704 CSIQI10 SO14674 CSIQI10 CAR2009 SO14513 CSIQI10 SO14309 CSIQI10 SO14221 CSIQI10 SO14222 CSIQI11 SO14082 CSIQI13 CAR2008 SO13857 CSIQI10 CAR2008 SO13849 CSIQI13 SO13321 CSIQI10 SO13082 CSIQI13 CAR2007 SO13690 CSIQI11 CAR2007 SO13689 CSIQI10		S015219	CSIQI11
SO14748 CSIQI10 SO13905 CSIQI13 SO12172 CSIQI10 CAR2010 SO14847 CSIQI10 SO14705 CSIQI11 SO14704 CSIQI10 SO14674 CSIQI10 CAR2009 SO14513 CSIQI10 SO14420 CSIQI10 SO14309 CSIQI10 SO14222 CSIQI11 SO14082 CSIQI10 CAR2008 SO13857 CSIQI10 CAR2008 SO13849 CSIQI13 SO13849 CSIQI10 SO13082 CSIQI13 SO13082 CSIQI13 CSIQI10 CAR2007 SO13690 CSIQI11 SO13689 CSIQI10		S015218	CSIQI10
SO13905 CSIQI13		S015125	CSIQI13
SO12172 CSIQI10 CAR2010 S014847 CSIQI10 S014704 CSIQI11 S014674 CSIQI10 S014674 CSIQI10 CAR2009 S014513 CSIQI10 S014309 CSIQI10 S014222 CSIQI10 S014221 CSIQI10 S014082 CSIQI10 S014082 CSIQI10 CAR2008 S013857 CSIQI10 CAR2008 S013857 CSIQI10 S013849 CSIQI13 S013849 CSIQI13 S013082 CSIQI13 CAR2007 S013690 CSIQI11 CAR2007 S013689 CSIQI10		S014748	CSIQI10
CAR2010 S014847 CSIQI10 S014705 CSIQI11 S014704 CSIQI10 S014674 CSIQI10 CAR2009 S014513 CSIQI10 S014420 CSIQI10 S014309 CSIQI10 S014222 CSIQI10 S014221 CSIQI10 S014082 CSIQI10 S014076 CSIQI10 CAR2008 S013857 CSIQI10 S013849 CSIQI13 S013849 CSIQI13 S013082 CSIQI13 S013082 CSIQI11 CAR2007 S013690 CSIQI11 S013689 CSIQI10		S013905	CSIQI13
SO14705 CSIQI11 SO14704 CSIQI10 SO14674 CSIQI10 CAR2009 SO14513 CSIQI10 SO14420 CSIQI10 SO14309 CSIQI10 SO14222 CSIQI11 SO14082 CSIQI10 SO14076 CSIQI10 CAR2008 SO13857 CSIQI10 SO13849 CSIQI13 SO13082 CSIQI10 CAR2007 SO13690 CSIQI11 SO13689 CSIQI10		S012172	CSIQI10
SO14704 CSIQI10 SO14674 CSIQI10 CAR2009 SO14513 CSIQI10 SO14420 CSIQI10 SO14309 CSIQI10 SO14222 CSIQI11 SO14221 CSIQI10 SO14082 CSIQI13 CAR2008 SO13857 CSIQI10 SO13849 CSIQI13 SO13082 CSIQI10 CAR2007 SO13690 CSIQI11 CAR2007 SO13689 CSIQI10	CAR2010	S014847	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		S014705	CSIQI11
CAR2009 S014513 CSIQI10 S014420 CSIQI10 S014309 CSIQI10 S014222 CSIQI11 S014221 CSIQI10 S014082 CSIQI13 S014076 CSIQI10 CAR2008 S013857 CSIQI10 S013849 CSIQI13 S013082 CSIQI13 S013082 CSIQI13 S012441 CSIQI10 CAR2007 S013690 CSIQI11		S014704	CSIQI10
S014420 CSIQI10 S014309 CSIQI10 S014222 CSIQI11 S014221 CSIQI10 S014082 CSIQI13 S014076 CSIQI10 CAR2008 S013857 CSIQI10 S013849 CSIQI13 S013082 CSIQI13 S012441 CSIQI10 CAR2007 S013690 CSIQI10 S013689 CSIQI10		S014674	CSIQI10
S014309 CSIQI10 S014222 CSIQI11 S014221 CSIQI10 S014082 CSIQI13 S014076 CSIQI10 CAR2008 S013857 CSIQI10 S013849 CSIQI13 S013082 CSIQI10 S012441 CSIQI10 CAR2007 S013690 CSIQI11 S013689 CSIQI10	CAR2009	S014513	CSIQI10
S014222 CSIQI11		S014420	CSIQI10
S014221 CSIQI10 S014082 CSIQI13 S014076 CSIQI10 CAR2008 S013857 CSIQI10 S013849 CSIQI13 S013321 CSIQI10 S013082 CSIQI13 S012441 CSIQI10 CAR2007 S013690 CSIQI11 S013689 CSIQI10		S014309	CSIQI10
S014082 CSIQI13 S014076 CSIQI10 CAR2008 S013857 CSIQI10 S013849 CSIQI13 S013321 CSIQI10 S013082 CSIQI13 S012441 CSIQI10 CAR2007 S013690 CSIQI11 S013689 CSIQI10		S014222	CSIQI11
S014076 CSIQI10 CAR2008 S013857 CSIQI10 S013849 CSIQI13 S013321 CSIQI10 S013082 CSIQI13 S012441 CSIQI10 CAR2007 S013690 CSIQI11 S013689 CSIQI10		S014221	CSIQI10
CAR2008 S013857 CSIQI10 S013849 CSIQI13 S013321 CSIQI10 S013082 CSIQI13 S012441 CSIQI10 CAR2007 S013690 CSIQI11 S013689 CSIQI10		S014082	CSIQI13
S013849 CSIQI13 S013321 CSIQI10 S013082 CSIQI13 S012441 CSIQI10 CAR2007 S013690 CSIQI11 S013689 CSIQI10		S014076	CSIQI10
S013321 CSIQI10 S013082 CSIQI13 S012441 CSIQI10 CAR2007 S013690 CSIQI11 S013689 CSIQI10	CAR2008	S013857	CSIQI10
S013082 CSIQI13 S012441 CSIQI10 CAR2007 S013690 CSIQI11 S013689 CSIQI10		S013849	CSIQI13
S012441 CSIQI10 CAR2007 S013690 CSIQI11 S013689 CSIQI10		S013321	CSIQI10
CAR2007 S013690 CSIQI11 S013689 CSIQI10		S013082	CSIQI13
S013689 CSIQI10		S012441	CSIQI10
	CAR2007	S013690	CSIQI11
S013604 CSTOT11		S013689	CSIQI10
277777		S013604	CSIQI11

CA RS		
Level	Service	FMID
	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
	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