

CA Repository for z/OS 7.2  
CA RS 1404 Service List

Release	Service	Description	Hiper
7.2	RO66088	NO SEQ NUM ON VAL TIE CONNECTIONS	
	RO66262	MOD_DATE CHANGING ON COLUMN	
	RO66263	MOD_DATE CHANGING ON COLUMN	
	RO67118	PSB DUPLICATE RELATIONSHIPS	
	RO67228	AS ROW CHANGE TIMESTAMP	
	RO67229	AS ROW CHANGE TIMESTAMP	
	RO67593	DDLDB2 - HIGH # PARTITIONS TRUNCATION	
The CA RS 1404 service count for this release is 7			

CA Repository for z/OS  
CA RS 1404 Service List for CP\$7200

FMID	Service	Description	Hiper
CP\$7200	RO66088	NO SEQ NUM ON VAL TIE CONNECTIONS	
	RO66263	MOD_DATE CHANGING ON COLUMN	
	RO67118	PSB DUPLICATE RELATIONSHIPS	
	RO67229	AS ROW CHANGE TIMESTAMP	
	RO67593	DDLDB2 - HIGH # PARTITIONS TRUNCATION	
The CA RS 1404 service count for this FMID is 5			

CA Repository for z/OS  
CA RS 1404 Service List for CQH7200

FMID	Service	Description	Hiper
CQH7200	RO66262	MOD_DATE CHANGING ON COLUMN	
	RO67228	AS ROW CHANGE TIMESTAMP	
The CA RS 1404 service count for this FMID is 2			

CA Repository for z/OS 7.2  
CA RS 1404 - PTF RO66088 Details

Release	Service	Details
7.2	RO66088	<pre> RO66088  M.C.S. ENTRIES = ++PTF      (RO66088) DESC      (NO SEQ NUM ON VAL TIE CONNECTIONS) /*----- PRODUCT: CA Repository for z/OS RELEASE: 7.2 DATE:     18 DEC 2013 HYPER:    NO STARTRAK PROBLEM PRODUCT NAME: XTR      PROBLEM NUMBER: 752 ----- NO SEQ NUM ON VAL TIE CONNECTIONS ----- The CA Repository copybook import program is not appending a SEQUENCE NUMBER to the end of the name of the RM VALUE relationship. SYMPTOMS: If a COBOL copybook uses 88 levels, RM VALUE relationships are generated between the REC MAP and the value specified for the 88, but no sequence number is appended to the name of the relationship. IMPACT: When RM VALUE relationships are manually created in repository, the SEQUENCE NUMBER is appened, making the name different and thus allowing duplicates, which then generate as multiple values for the same 88 level when the copybook is generated. CIRCUMVENTION: If an EDIT/UPDATE is performed on the RM VALUE, the SEQ NUM will be generated and appended.  However, this would have to be done before any duplicates were inserted. PRODUCTS AFFECTED: CA Repository Exchange for DB2 r7.2. -----*/. ++VER      (Z038)      FMID(CP\$7200) SUP        (T54R187,RO36578,T5QV325). ++HOLD (RO66088) FMID(CP\$7200) SYSTEM REASON(DB2BIND) COMMENT( Product:   CA Repository for z/OS      Release: 7.2 Sequence:  After APPLY. Purpose:   Rebind DB2 objects because DBRMs have been changed. Relevance: All Users. Knowledge required: Database Administration Access required: Database update Steps to perform: Once the SMP/e portion of the fix application is complete, the following instructions should be turned over to the DB2 DBA in charge of the repository for customization to your site's specific procedures. Bind package DBXRCIO with the following parameters: DSN SYSTEM(subsys) BIND PACKAGE(collection name)- ENCODING(EBCDIC) - ENABLE(*) - PATH(repository qual) - QUALIFIER(repository qual) - MEMBER(DBXRCIO) - VALIDATE(BIND) - DYNAMICRULES(BIND) - ISOLATION(CS) - EXPLAIN(NO) - FLAG(I) - RELEASE(COMMIT) - ACTION(REPLACE) - END Make the following substitutions for the values of the parameters so they conform to your site's environment. </pre>

CA Repository for z/OS 7.2  
CA RS 1404 - PTF RO66088 Details

Release	Service	Details
		<p>Change:</p> <ul style="list-style-type: none"><li>- subsys to the db2 system</li><li>- member to the module name (DBXRCIO) etc.</li><li>- collection name to the repository package collection</li><li>- repository qual to the repository owner.</li></ul> <p>Make sure the DBRMLIB DD statement points to the DBRM library that contains the DBRMs associated with the PTFs that are applied.</p> <p>).</p>

CA Repository for z/OS 7.2  
CA RS 1404 - PTF RO66262 Details

Release	Service	Details
7.2	RO66262	<pre> RO66262  M.C.S. ENTRIES = ++PTF      (RO66262) DESC      (MOD_DATE CHANGING ON COLUMN) /*----- PRODUCT: CA Repository Exchange for DB2 RELEASE:  7.2 DATE:     27 DEC 2013 HYPER:    NO STARTRAK PROBLEM PRODUCT NAME: XD2      PROBLEM NUMBER:    187 ----- MOD_DATE CHANGING ON COLUMN ----- The CATSYNC process will update an existing COLUMN if the column does not have REMARKS in the DB2 catalog and the corresponding ELEMENT has a non-blank LONG_DESCRIPTION. SYMPTOMS: The MOD_DATE and/or MOD_TIME audit fields on the COLUMN relationship will be updated after re-syncing even though nothing has changed about the column(s) in question. IMPACT: Implies that the actual column(s) have changed in the Repository when in fact they have not changed at all. CIRCUMVENTION: none PRODUCTS AFFECTED: CA Repository Exchange for DB2 r7.2. -----*/. ++VER      (Z038)      FMID(CQH7200) PRE        (R064536) SUP        (T54R178,R065458). ++IF  FMID(CP\$7200)  THEN REQ(R066263). ++HOLD(R066262) SYSTEM REASON(DB2BIND) FMID(CQH7200) COMMENT( Product:  CA Repository for z/OS      Release:  7.2 Sequence: After Apply. Purpose: DB2 Bind Relevance: If you are applying the re-compiled module, you must bind the DBRM into the DB2 subsystem. Knowledge required: Bind procedures on relevant DB2 subsys. Access required: Bind authority on relevant DB2 subsys Steps to be performed: Once the SMP/e portion of the fix application is complete, the following instructions should be turned over to the DB2 DBA in charge of the repository for customization to your site's specific procedures. Bind package DBXSYNC into the HOST system parameters: DSN SYSTEM(subsys) BIND PACKAGE(Collection name) - QUALIFIER(repository_qual) - MEMBER(DBXSYNC ) - LIBRARY('dbrmlib') - VALIDATE(BIND) - DYNAMICRULES(BIND) - ISOLATION(CS) - ENCODING(EBCDIC) - EXPLAIN(NO) - FLAG(I) - RELEASE(COMMIT) - ACTION(REPLACE) - CURRENTDATA(NO) - ENABLE(DB2CALL,BATCH,CICS) END </pre>

CA Repository for z/OS 7.2  
CA RS 1404 - PTF RO66262 Details

Release	Service	Details
		Make the following substitutions for the values of the parameters so they conform to your site's environment. <ul style="list-style-type: none"><li>- subsys to the db2 subsystem</li><li>- collection name to the repository package collection</li><li>- repository qual to the repository owner.</li><li>- dbrmlib to DBRM library that contains the DBRMs associated with the PTFs that are applied. ).</li></ul>

CA Repository for z/OS 7.2  
CA RS 1404 - PTF RO66263 Details

Release	Service	Details
7.2	RO66263	<pre> RO66263  M.C.S. ENTRIES = ++PTF      (RO66263) DESC      (MOD_DATE CHANGING ON COLUMN) /*----- PRODUCT: CA Repository for z/OS RELEASE:  7.2 DATE:     27 DEC 2013 HYPER:    NO STARTRAK PROBLEM PRODUCT NAME: XD2      PROBLEM NUMBER:    187 ----- MOD_DATE CHANGING ON COLUMN ----- The CATSYNC process will update an existing COLUMN if the column does not have REMARKS in the DB2 catalog and the corresponding ELEMENT has a non-blank LONG_DESCRIPTION. SYMPTOMS: The MOD_DATE and/or MOD_TIME audit fields on the COLUMN relationship will be updated after re-syncing even though nothing has changed about the column(s) in question. IMPACT: Implies that the actual column(s) have changed in the Repository when in fact they have not changed at all. CIRCUMVENTION: none PRODUCTS AFFECTED: CA Repository Exchange for DB2 r7.2. -----*/. ++VER      (Z038)      FMID(CP\$7200) SUP        (T54R179,RO65459). ++IF      FMID(CQH7200) THEN REQ(RO66262). ++HOLD(RO66263) SYSTEM REASON(DB2BIND) FMID(CP\$7200) COMMENT( Product:  CA Repository for z/OS      Release:  7.2 Sequence: After Apply. Purpose: DB2 Bind Relevance: If you are applying the re-compiled module, you must bind the DBRM into the DB2 subsystem. Knowledge required: Bind procedures on relevant DB2 subsys. Access required: Bind authority on relevant DB2 subsys Steps to be performed: Once the SMP/e portion of the fix application is complete, the following instructions should be turned over to the DB2 DBA in charge of the repository for customization to your site's specific procedures. Bind package DBXCL into the HOST system parameters: DSN SYSTEM(subsys) BIND PACKAGE(Collection name) - QUALIFIER(repository_qual) - MEMBER(DBXCL ) - LIBRARY('dbrmlib') - VALIDATE(BIND) - DYNAMICRULES(BIND) - ISOLATION(CS) - ENCODING(EBCDIC) - EXPLAIN(NO) - FLAG(I) - RELEASE(COMMIT) - ACTION(REPLACE) - CURRENTDATA(NO) - ENABLE(DB2CALL,BATCH,CICS) END </pre>



CA Repository for z/OS 7.2  
CA RS 1404 - PTF RO66263 Details

Release	Service	Details
		<p>Make the following substitutions for the values of the parameters so they conform to your site's environment.</p> <ul style="list-style-type: none"><li>- subsys to the db2 subsystem</li><li>- collection name to the repository package collection</li><li>- repository qual to the repository owner.</li><li>- dbrmlib to DBRM library that contains the DBRMs associated with the PTFs that are applied.       ).</li></ul>

CA Repository for z/OS 7.2  
CA RS 1404 - PTF RO67118 Details

Release	Service	Details
7.2	RO67118	<pre> RO67118  M.C.S. ENTRIES = ++PTF      (RO67118) DESC      (PSB DUPLICATE RELATIONSHIPS) /*----- PRODUCT: CA Repository Exchange for IMS RELEASE:  7.2 DATE:     30 JAN 2014 HYPER:    NO STARTRAK PROBLEM PRODUCT NAME: XIM      PROBLEM NUMBER:      90 -----  PSB DUPLICATE RELATIONSHIPS -----  When a user imports a new SENSEG into the Repository, the CA Repository DBXPSIN program inserts a new SENSEG record with an incremented sequence number. The program does not, however, delete the old SENSEG record with that sequence number. SYMPTOMS: If the user has set the VALIDATE flag to YES on the PSB in job, they will get Return Code 08 and the message: MESSAGE: XIO00016 Duplicate relationships are not allowed for entity type 164. If the VALIDATE flag is set to N, the job will get Return Code 0000 but the versioning will still occur. IMPACT: If the original SENSEG records were: SENSEG_NAME                      SEQ_NUM ----- D802READ001.S802RPTP              11 D802READ001.S802AN3P              12 D802READ001.S802ADNP              13 then after we insert SENSEG S802ACBP we will get: SENSEG_NAME                      SEQ_NUM ----- D802READ001.S802ACBP              12 &lt;&lt;&lt;&lt;&lt;&lt; D802READ001.S802AN3P              12 &lt;&lt;&lt;&lt;&lt;&lt; D802READ001.S802AN3P              13 &lt;&lt;&lt;&lt;&lt;&lt; D802READ001.S802ADNP              13 D802READ001.S802ADNP              14 Notice we now have two SEQ_NUM 12s (S802ACBP and S802AN3P) and two S802AN3P (SEQ_NUM 12 and 13).  This will continue until the end of the PSB. CIRCUMVENTION: The user can delete the PSB and SENSEG entries and then reload the PSB. This will recreate the new SENSEG entries from scratch with no versioning. PRODUCT(S) AFFECTED: CA Repository Exchange for IMS r7.2 -----*/.  ++VER      (Z038)      FMID(CP\$7200) PRE      (RO33480) SUP      (T54R138). ++HOLD(RO67118) SYSTEM REASON(DB2BIND) FMID(COF7200) COMMENT( Product: CA Repository Exchange for IMS r7.2      Release:  7.2 Sequence: After Apply. Purpose: DB2 Bind Relevance: If you are applying the re-compiled module, you must bind the the DB2 subsystem. Knowledge required: Bind procedures on relevant DB2 subsys. Access required: Bind authority on relevant DB2 subsys Steps to be performed: </pre>

CA Repository for z/OS 7.2  
CA RS 1404 - PTF RO67118 Details

Release	Service	Details
		<p>Once the SMP/e portion of the fix application is complete, the following instructions need to be turned over to the DB2 DBA in charge of the repository for customization to your site's specific procedures.</p> <p>Bind package DBXPCIO into the HOST system</p> <pre>DSN SYSTEM(SUBSYS) BIND PACKAGE(Collection name) - QUALIFIER(REPOSITORY QUAL) - MEMBER(DBXPCIO ) - LIBRARY('DBRMLIB') - VALIDATE(BIND) - DYNAMICRULES(BIND) - ISOLATION(CS) - ENCODING(EBCDIC) - EXPLAIN(NO) - FLAG(I) - RELEASE(COMMIT) - ACTION(REPLACE) - CURRENTDATA(NO) - ENABLE(DB2CALL,BATCH,CICS) END ).</pre>

CA Repository for z/OS 7.2  
CA RS 1404 - PTF RO67228 Details

Release	Service	Details
7.2	RO67228	<pre> RO67228  M.C.S. ENTRIES = ++PTF      (RO67228) DESC      (AS ROW CHANGE TIMESTAMP) /*----- PRODUCT: CA Repository Exchange for DB2 RELEASE:  7.2 DATE:     3 FEB 2014 HYPER:    NO STARTRAK PROBLEM PRODUCT NAME: XD2      PROBLEM NUMBER:    185 ----- AS ROW CHANGE TIMESTAMP ----- The CA Repository does not support the 'AS ROW CHANGE' option on the TIMESTAMP datatype which was introduced with release of DB2 version 9. Refer to RI67227 for detail information. SYMPTOMS: If a user CATSYNCS a table with a column declared as having datatype TIMESTAMP with the option 'AS ROW CHANGE TIMESTAMP', the option 'AS ROW CHANGE TIMESTAMP' will not be captured. IMPACT: The DDL for column with datatype TIMESTAMP with option 'AS ROW CHANGE TIMESTAMP' cannot be generated properly. CIRCUMVENTION: None. PRODUCTS AFFECTED: CA Repository Exchange for DB2 r7.2. -----*/. ++VER      (Z038)      FMID(CQH7200) PRE      (RO33521,RO61234) SUP      (T54R161,RO62393,T54R103). ++IF      FMID(CP\$7200) THEN REQ(RO67229). ++HOLD(RO67228) SYSTEM REASON(DB2BIND) FMID(CQH7200) COMMENT( Product:  CA Repository for z/OS      Release:  7.2 Sequence: After Apply. Purpose: DB2 Bind Relevance: If you are applying the re-compiled module, you must bind the DBRM into the DB2 subsystem. Knowledge required: Bind procedures on relevant DB2 subsys. Access required: Bind authority on relevant DB2 subsys Steps to be performed: Once the SMP/e portion of the fix application is complete, the following instructions should be turned over to the DB2 DBA in charge of the repository for customization to your site's specific procedures. 1. Bind package DBXCATA into the HOST system with the following parameters: ***NOTE***  DBXCATA can only be bound against a DB2 V10 NFM instance Bind package DBXCATA DSN SYSTEM(SUBSYS) BIND PACKAGE(collection name) - QUALIFIER(SYSIBM) - MEMBER(DBXCATA) - LIBRARY(DBRMLIB) - VALIDATE(BIND) - DYNAMICRULES(BIND) - ISOLATION(CS) - ENCODING(EBCDIC) - </pre>

Release	Service	Details
		<p>EXPLAIN(NO) -  FLAG(I) -  RELEASE(COMMIT) -  ACTION(REPLACE) -  CURRENTDATA(NO) -  ENABLE(DB2CALL,BATCH,CICS)</p> <p>Make the following substitutions for the values of the parameters so they conform to your site's environment.</p> <ul style="list-style-type: none"> <li>- subsys to the db2 host subsystem or db2 foreign subsystem</li> <li>- collection name to the repository package collection</li> <li>- repository qual to the repository owner.</li> <li>- dbrmlib to DBRM library that contains the DBRMs associated with the PTFs that are applied.</li> </ul> <p>2.</p> <p>If you are performing a foreign catsync of DB2 V10 NFM catalog definitions DBXCATA will have to be bound on the foreign system that is being scanned.</p> <p>Bind package DBXCATA  DSN SYSTEM(SUBSYS)  BIND PACKAGE(collection name) -  QUALIFIER(SYSIBM) -  MEMBER(DBXCATA) -  LIBRARY(DBRMLIB) -  VALIDATE(BIND) -  DYNAMICRULES(BIND) -  ISOLATION(CS) -  ENCODING(EBCDIC) -  EXPLAIN(NO) -  FLAG(I) -  RELEASE(COMMIT) -  ACTION(REPLACE) -  CURRENTDATA(NO) -  ENABLE(DB2CALL,BATCH,CICS)</p> <p>Make the following substitutions for the values of the parameters so they conform to your site's environment.</p> <ul style="list-style-type: none"> <li>- subsys to the db2 host subsystem or db2 foreign subsystem</li> <li>- collection name to the repository package collection</li> <li>- repository qual to the repository owner.</li> <li>- dbrmlib to DBRM library that contains the DBRMs associated with the PTFs that are applied.</li> </ul> <p>If you are performing a foreign catsync of DB2 V9 NFM catalog definitions DBXCAT9 will have to be bound on the foreign system that is being scanned.</p> <p>Bind package DBXCAT9  DSN SYSTEM(SUBSYS)  BIND PACKAGE(collection name) -  QUALIFIER(SYSIBM) -  MEMBER(DBXCAT9) -  LIBRARY(DBRMLIB) -  VALIDATE(BIND) -  DYNAMICRULES(BIND) -  ISOLATION(CS) -  ENCODING(EBCDIC) -  EXPLAIN(NO) -  FLAG(I) -  RELEASE(COMMIT) -  ACTION(REPLACE) -  CURRENTDATA(NO) -  ENABLE(DB2CALL,BATCH,CICS)</p> <p>Make the following substitutions for the values of the parameters so they conform to your site's environment.</p> <ul style="list-style-type: none"> <li>- subsys to the db2 host subsystem or db2 foreign subsystem</li> <li>- collection name to the repository package collection</li> <li>- repository qual to the repository owner.</li> <li>- dbrmlib to DBRM library that contains the DBRMs associated</li> </ul>

CA Repository for z/OS 7.2  
CA RS 1404 - PTF RO67228 Details

Release	Service	Details
		with the PTFs that are applied. ).

CA Repository for z/OS 7.2  
CA RS 1404 - PTF RO67229 Details

Release	Service	Details
7.2	RO67229	<pre> RO67229  M.C.S. ENTRIES = ++PTF      (RO67229) DESC      (AS ROW CHANGE TIMESTAMP) /*----- PRODUCT: CA Repository for z/OS RELEASE:  7.2 DATE:     3 FEB 2014 HYPER:    NO STARTRAK PROBLEM PRODUCT NAME: XD2      PROBLEM NUMBER:    185 ----- AS ROW CHANGE TIMESTAMP ----- The CA Repository does not support the 'AS ROW CHANGE' option on the TIMESTAMP datatype which was introduced with release of DB2 version 9. Refer to RI67227 for detail information. SYMPTOMS: If a user CATSYNCS a table with a column declared as having datatype TIMESTAMP with the option 'AS ROW CHANGE TIMESTAMP', the option 'AS ROW CHANGE TIMESTAMP' will not be captured. IMPACT: The DDL for column with datatype TIMESTAMP with option 'AS ROW CHANGE TIMESTAMP' cannot be generated properly. CIRCUMVENTION: None. PRODUCTS AFFECTED: CA Repository for z/OS r7.2 -----*/. ++VER      (Z038)      FMID(CP\$7200) PRE      (RO43861,RO59922,RO31041) SUP      (T54R162,RO31502,T5QV272,RO61230,T54R047,RO26749, T5QV152). ++IF      FMID(CQH7200) THEN REQ(RO67228). ++HOLD(RO67229) SYSTEM REASON(DB2BIND) FMID(CP\$7200) COMMENT( Product: CA Repository for z/OS      Release:  7.2 Sequence: After Apply. Purpose: DB2 Bind Relevance: If you are applying the re-compiled module, you must bind the DBRM into the DB2 subsystem. Knowledge required: Bind procedures on relevant DB2 subsys. Access required: Bind authority on relevant DB2 subsys Steps to be performed: Once the SMP/e portion of the fix application is complete, the following instructions should be turned over to the DB2 DBA in charge of the repository for customization to your site's specific procedures. Bind package DBXDB2Q into the HOST system with the following parameters: DSN SYSTEM(SUBSYS) BIND PACKAGE(Collection name) - QUALIFIER(REPOSITORY QUAL) - MEMBER(DBXDB2Q ) - LIBRARY('DBRMLIB') - VALIDATE(BIND) - DYNAMICRULES(BIND) - ISOLATION(CS) - ENCODING(EBCDIC) - EXPLAIN(NO) - FLAG(I) - RELEASE(COMMIT) - ACTION(REPLACE) - </pre>

Release	Service	Details
		<pre> CURRENTDATA(NO) - ENABLE(DB2CALL,BATCH,CICS) END Make the following substitutions for the values of the parameters so they conform to your site's environment. - subsys to the db2 subsystem - collection name to the repository package collection - repository qual to the repository owner. - dbrmlib to DBRM library that contains the DBRMs associated with the PTFs that are applied. ). ++HOLD(RO67229) SYSTEM REASON(ACTION) FMID(CP\$7200) COMMENT( Product: CA Repository for z/OS          Release: 7.2 Sequence: After Apply. Purpose: Load new IO MAP tables Relevance: The new map data are provided as members of the DATA dataset. The relevant data must be loaded into the Repository IO MAP control tables. Knowledge required: Install procedures for the repository. Access required: Load authority on relevant DB2 subsys Steps to be performed: Once the SMP/e portion of the fix application is complete, follow the directions in the CA Repository for z/OS Installation Guide r7.2 under the 'Load the New Data' section, in 'Chapter 7: Migration Information'. At the Installation Upgrade Customization Menu, (Main Menu # 13) Select option 5 LOAD and set options as follows: Load control tables... DIALOGs? ==&gt; N      CODE TABLEs? ==&gt; Y ENTITYs? ==&gt; N      IO MAPs? ==&gt; Y MESSAGEs? ==&gt; Y     COMMANDs? ==&gt; N Set SQLID to? ==&gt; Current Contents? ==&gt; A (A-add,R-replace,P-new products) Check the generated JCL according to your site's standard. Leave only members provided by the solution. When following those instructions the custom data will be retained. ). ++HOLD(RO67229) SYSTEM REASON(DOC) FMID(CP\$7200) COMMENT( Product: CA Repository for z/OS          Release: 7.2 Sequence: None. Purpose: Documentation updated. Relevance: Information solution. Knowledge required: None. Access required: None. Steps to be performed: None. ). </pre>



CA Repository for z/OS 7.2  
CA RS 1404 - PTF RO67593 Details

Release	Service	Details
7.2	RO67593	<pre> RO67593  M.C.S. ENTRIES = ++PTF      (RO67593) DESC      (DDLDB2 - HIGH # PARTITIONS TRUNCATION) /*----- PRODUCT: CA Repository for z/OS RELEASE: 7.2 DATE:     14 FEB 2014 HYPER:    NO STARTRAK PROBLEM PRODUCT NAME: XTR      PROBLEM NUMBER: 757 ----- DDLDB2 - HIGH # PARTITIONS TRUNCATION ----- The CA Repository for z/OS DB2 DDL Manager cannot correctly generate a high number of partitions.(e.g 450). DB2 DDL Manager truncates the partition's list in the middle. SYMPTOMS: The DB2 DDL for a table with a high number of partitions will be gene incorrectly thus resulting in the inability to successfully execute t against a DB2 catalog. IMPACT: Since the generated DDL contains invalid syntax the customer cannot create the DB2 object in the DB2 environment. CIRCUMVENTION None. PRODUCTS AFFECTED: CA Repository for z/OS r7.2 -----*/.  ++VER      (Z038)      FMID(CP\$7200) SUP        (T54R206). </pre>