

CR-Form-v7.1

CHANGE REQUEST

25.463 CR 038 # rev - # Current version: 6.2.0

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

| | | | |
|------------------------|---|-----------------|--|
| Title: | # Vendor specific procedure | | |
| Source: | # RAN3 | | |
| Work item code: | # RANimp-TiltAnt | Date: | # 05/03/2005 |
| Category: | # B | Release: | # Rel-6 |
| | Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 . | | Use <u>one</u> of the following releases: Ph2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6) Rel-7 (Release 7) |

| | |
|--------------------------------------|--|
| Reason for change: | # Testing of RETAP in RET devices requires a way to control the RET device outside the RETAP normal procedure set. |
| Summary of change: | # A vendor specific elementary procedure is introduced |
| Consequences if not approved: | # |

| | | | | | | | |
|------------------------------|---|---|---|---|---|---|--|
| Clauses affected: | # 6.5.n (new), Annex D | | | | | | |
| Other specs affected: | <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications | Y | N | # | X | # | |
| Y | N | | | | | | |
| # | X | | | | | | |
| | <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Test specifications | # | X | | | | |
| # | X | | | | | | |
| | <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> O&M Specifications | # | X | | | | |
| # | X | | | | | | |
| Other comments: | # Agreed in principle during the RAN3 RET adhoc meeting 5 th – 6 th of April 2005. Refer to Tdoc R3-050141. | | | | | | |

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked # contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be

downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

6.5.n Vendor specific procedure

Table 6.5.n.1: Elementary procedure Vendor Specific Procedure

| | | | | |
|--|---|---|--|--|
| <u>Name:</u> VendorSpecificProcedure | | | | |
| <u>Code:</u> 0xXX | <u>Issued by:</u> Vendor specific | <u>Procedure class:</u> Vendor specific | <u>DownloadMode state:</u> Vendor specific | <u>Power mode:</u> Vendor specific |

Table 6.5.n.2: Initiating message parameters and format for Vendor Specific Procedure

| Number | Length | Type | Description |
|--------------|------------------------|------------------------|--------------------|
| 1 | 2 octets | ASCII | Vendor code |
| 1 + i | Vendor specific | Vendor specific | |

$i = 1 \dots N$

Table 6.5.n.3: Response message parameters and format for Vendor Specific Procedure

| Number | Length | Type | Description |
|----------|------------------------|------------------------|------------------------|
| i | Vendor specific | Vendor specific | Vendor specific |

$i = 1 \dots N$

Description:

The vendor specific procedure is intended for vendor specific purposes like e.g. testing.

Table 6.5.n.4: Return codes for vendor specific procedure

| OK | FAIL | Comment |
|----|---|--|
| | FormatError UnknownProcedure | If the Vendor code in the initiating message does not match that of the RET device, UnknownProcedure shall be returned. |

-----Unchanged section omitted-----

Annex D (informative): Overview of elementary procedures

Table D.1: Elementary Procedures and Procedure Codes

| Elementary Procedure | Procedure Code | Issued by | DownloadMode state |
|-------------------------------------|----------------|-----------------------|------------------------|
| <u>Common Procedure Set</u> | | | |
| (Reserved) | 0x01 | | |
| Reset Software | 0x03 | primary device | yes |
| Get Alarm Status | 0x04 | primary device | no |
| Get Information | 0x05 | primary device | yes |
| Clear Active Alarms | 0x06 | primary device | no |
| Read User Data | 0x10 | primary device | no |
| Write User Data | 0x11 | primary device | no |
| Alarm Subscribe | 0x12 | primary device | no |
| Self Test | 0x0A | primary device | no |
| Download Start | 0x40 | primary device | yes |
| Download Application | 0x41 | primary device | yes |
| Download End | 0x42 | primary device | yes |
| <u>Vendor Specific Procedure</u> | <u>0xXX</u> | <u>primary device</u> | <u>Vendor specific</u> |
| <u>Single-Antenna Procedure Set</u> | | | |
| Set Device Data | 0x0E | primary device | no |
| Get Device Data | 0x0F | primary device | no |
| Calibrate | 0x31 | primary device | no |
| Send Configuration Data | 0x32 | primary device | no |
| Set Tilt | 0x33 | primary device | no |
| Get Tilt | 0x34 | primary device | no |
| Alarm Indication | 0x07 | secondary device | no |
| <u>Multi-Antenna Procedure Set</u> | | | |
| Antenna Calibrate | 0x80 | primary device | no |
| Antenna Send Configuration Data | 0x89 | primary device | no |
| Antenna Set Tilt | 0x81 | primary device | no |
| Antenna Get Tilt | 0x82 | primary device | no |
| Antenna Set Device Data | 0x83 | primary device | no |
| Antenna Get Device Data | 0x84 | primary device | no |
| Antenna Alarm Indication | 0x85 | secondary device | no |
| Antenna Clear Active Alarms | 0x86 | primary device | no |
| Antenna Get Alarm Status | 0x87 | primary device | no |
| Antenna Get Number of Antennas | 0x88 | primary device | no |

NOTE: The notion "yes" in the DownloadMode state column indicates that the listed procedures are mandatory if the DownloadMode state can be entered by the secondary device.