

**TSG-RAN Meeting #10**  
**Bangkok, Thailand, 6 - 8 December 2000**

**RP-000526**

(NP-000554, to TSG-RAN) LS on Categories for frozen releases

**Source:** TSG-CN  
**Title:** LS on CR categories for frozen releases  
**To:** TSG SA, TSG-GERAN, TSG-RAN, TSG-T

**Contact:** <mailto:Keijo.Palviainen@nokia.com>

**Attachment:** CR on 21.900

In TSG-CN#9 it was found desirable to clarify 3G TS 21.900 so that the CR classification for frozen releases would be documented. Tdoc NP-000361 of 3GPP TSG-CN#5 contained the agreed principle. The principle of Tdoc NP-000361 is incorporated into the attached CR against TS 21.900. Having documented the principle is easier to work with in the working groups.

TSG-GERAN, TSG-RAN & TSG-T are asked to endorse the attached CR, so that it can be presented to TSG-SA with the support of all of them. In addition, TSG-SA is kindly asked to approve the attached CR against TS 21.900.

## CHANGE REQUEST

Please see embedded help file at the bottom of this page for instructions on how to fill in this form correctly.

**21.900 CR 10**

Current Version: 3.3.0

GSM (AA.BB) or 3G (AA.BBB) specification number ↑

↑ CR number as allocated by MCC support team

For submission to:   
list expected approval meeting # here ↑

for approval   
for information

strategic   
non-strategic  (for SMG use only)

Form: CR cover sheet, version 2 for 3GPP and SMG The latest version of this form is available from: <ftp://ftp.3gpp.org/Information/CR-Form-v2.doc>

**Proposed change affects:**  
(at least one should be marked with an X)

(U)SIM  ME  UTRAN / Radio  Core Network

**Source:** Nokia **Date:** 21 Sep 2000

**Subject:** Clarification of CR categories for a frozen 3GPP release

**Work item:** TEI

**Category:**  
(only one category shall be marked with an X)

F Correction   
A Corresponds to a correction in an earlier release   
B Addition of feature   
C Functional modification of feature   
D Editorial modification

**Release:**  
Phase 2   
Release 96   
Release 97   
Release 98   
Release 99   
Release 00

**Reason for change:**

1. To clarify and document categories for frozen release.

**Clauses affected:** 4.6.2.

**Other specs affected:**

Other 3G core specifications  → List of CRs:   
Other GSM core specifications  → List of CRs:   
MS test specifications  → List of CRs:   
BSS test specifications  → List of CRs:   
O&M specifications  → List of CRs:

**Other comments:**

## 4.6.2 Change Request forms

To ensure an appropriate and consistent way of presenting and documenting Change Requests, there exist standardized front covers (forms) for CRs as well as rules on how to accurately identify the modified parts of the specification.

The purpose of the CR form itself is to provide the relevant management information of the proposed changes, e.g. such as

- Target specification with its version number,
- Source of the CR,
- Reason for the proposed change and consequences if not accepted,
- Category of proposed change (i.e. correction, change request corresponding to an earlier release change request, addition of feature, functional modification of feature, or editorial modification),
- Cross-phase compatibility aspects.

~~As the degree of acceptability for modifications differs between not yet frozen major versions of specifications and frozen major versions of specifications, the CRs differ on the allowed/possible Categories:~~

~~— A CRs to a frozen major version of a specification can only be category A or as defined below, be essential corrections. If it is category F, one of some; s~~

~~— A CRs to a not yet frozen major version of a specification which is not yet frozen can also fall into any other of the categories quoted above/below.~~

**Table 4A: Categories of Change Requests**

Category	Meaning	Remarks
A	Correction to an earlier Release	May be done if the corresponding CR on earlier release fulfils the criteria set for the CRs on that release. But as soon as a Specification has been raised to a version corresponding to a later Release and a correction is done on an earlier Release, a CR with this category has to be generated to introduce the same changes into the later Release version(s). This category shall not be used for Release 1999.
B	Addition of feature	New feature is to be included in the Release, and <i>not</i> to the Specification itself. This will normally correspond to an identified work item. This category shall not be used for Release 1999.
C	Functional modification of feature	Any functional modification shall correspond to an identified work item. However backward compatibility shall be ensured when the issue has an impact on the UE. This category shall not be used for Release 1999.
D	Editorial modification	Editorial modification shall have no impact on an implication.
E	(not used)	
F	Correction	Used: <ol style="list-style-type: none"> <li>1 to correct an error in the specification; or</li> <li>2 to add a part of a functionality agreed for the Release found to be missing in the specification; or</li> <li>3 to <del>correct/</del>remedy the incorrect implementation of an <u>previously approved CR that has been incorrectly implemented.</u></li> </ol> Corrections can lead to functional modification, but these shall be considered as category F.

The Change Request form, with embedded instructions for use, is available from the 3GPP file server (<http://www.3gpp.org/ftp/Information/>).

The CR database is available from the 3GPP file server ([http://www.3gpp.org/ftp/Information/Databases/Change\\_Request/](http://www.3gpp.org/ftp/Information/Databases/Change_Request/)).

As the degree of acceptability for modifications differs between major versions of specifications which are not yet frozen and versions which are already frozen, CRs differ on the allowed/possible categories. A CR to a frozen major version of a specification can only be a correction (category A or category F, defined in table 4A). If it is category F, it shall fit into one of the following classifications.

- Essential correction, i.e. where a frequently occurring (successful or unsuccessful) case is not handled properly because there is some error or significant ambiguity in the specification.
- A CR to remedy the incorrect implementation of a previously approved CR.
- A CR which is supported by consensus in the meeting.

When a CR is presented for approval, the classification into which it falls shall be identified. If this cannot be done then the CR shall be automatically rejected.