

3GPP TSG-CN#9
Hawaii, US
20th – 22nd of September 2000.

Tdoc NP-000549

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

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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.

<h2 style="margin: 0;">CHANGE REQUEST</h2>		<i>Please see embedded help file at the bottom of this page for instructions on how to fill in this form correctly.</i>	
21.900	CR	?	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: <input style="width: 100px;" type="text"/>	for approval <input type="checkbox"/>	strategic <input type="checkbox"/>	(for SMG use only)
<i>list expected approval meeting # here ↑</i>	for information <input type="checkbox"/>	non-strategic <input type="checkbox"/>	

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: (U)SIM ME UTRAN / Radio Core Network
(at least one should be marked with an X)

Source: **Date:**

Subject:

Work item:

Category:	F Correction <input checked="" type="checkbox"/> Release: Phase 2 <input type="checkbox"/> A Corresponds to a correction in an earlier release <input type="checkbox"/> Release 96 <input type="checkbox"/> B Addition of feature <input type="checkbox"/> Release 97 <input type="checkbox"/> C Functional modification of feature <input type="checkbox"/> Release 98 <input type="checkbox"/> D Editorial modification <input type="checkbox"/> Release 99 <input checked="" type="checkbox"/> Release 00 <input type="checkbox"/>	
(only one category shall be marked with an X)		

Reason for change:

Clauses affected:

Other specs affected:	Other 3G core specifications <input type="checkbox"/> → List of CRs: <input style="width: 200px;" type="text"/> Other GSM core specifications <input type="checkbox"/> → List of CRs: <input style="width: 200px;" type="text"/> MS test specifications <input type="checkbox"/> → List of CRs: <input style="width: 200px;" type="text"/> BSS test specifications <input type="checkbox"/> → List of CRs: <input style="width: 200px;" type="text"/> O&M specifications <input type="checkbox"/> → List of CRs: <input style="width: 200px;" type="text"/>	
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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 a correction (category A or category F quoted as defined below). ~~be essential corrections~~ If it is category F, it must fit into one of the following classifications. 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.;
 1. Essential corrections, i.e. where a frequently occurring successful or unsuccessful case is not handled properly because there is some (as yet undetected) error or significant ambiguity in the specifications.
 2. Other CRs where the CR is actively supported by all relevant manufacturing companies. A relevant manufacturing company is a company which manufactures equipment (network entities or mobile stations) which would be affected by the proposed change.
- 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: 1 to correct an error in the specification; or 2 to add a part of a functionality agreed for the Release found to be missing in the specification; or 3 to correct an approved CR that has been incorrectly implemented. 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/).