CR-Form-v7

CHANGE REQUEST

| ⌘ | **21.900** CR **21** | ⌘**rev** | **3** | ⌘ | Current version: | **6.1.1** | ⌘ |

*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: ⌘	Introduction of "Early Implementation" process		
Source: ⌘	Nortel Networks		
Work item code: ⌘	TEI_6	***Date:*** ⌘	16/9/2004
Category: ⌘	**B**	***Release:*** ⌘	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:
2   *(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)*

Reason for change: ⌘	3GPP SA#24 agreed to introduce a process to improve the documentation provided for selected features that are suitable for "early implementation" (see SP040235). This change updates 21.900 to include a description of this process.
Summary of change: ⌘	• A definition of "early implementation is introduced" • An introduction to the early implementation concept is added to the overview of release mechanisms • A description of early implementation impacts on the process for creation of work items is introduced.
Consequences if not approved: ⌘	No early implementation process in 3GPP. Without this process it will continue to be hard to make reliable early implementations of 3GPP features. This will lead to mismatches between the 3GPP processes and the market requirements which often want new features delivered quickly (ie before completion of their release, or on the basis of a platform based on an older release).

Clauses affected: ⌘	2, 4.10.3.5 (new) , 6.4.4 (new)

	Y	N		
Other specs affected: ⌘		X	Other core specifications ⌘	
		X	Test specifications	
		X	O&M Specifications	

Other comments: ⌘	

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.

2 Definitions and abbreviations

For the purposes of the present document, the following terms and those in 3GPP TR 21.905 apply.

building block: sub-division of a feature, representing a coherent set of technical functionality which would generally be expected to reside in a single system element.

change control: procedure whereby proposed modifications to a specification are presented for approval to the TSG as formal Change Requests.

closed: specification status in which no changes of any kind to the specification are permitted.

Change Request (CR): formal proposal presented on a standard form to modify a specification which is under change control.

draft: specification status prior to change control, in which changes may be made without formal Change Requests.

early implementation: implementation of a particular feature on a platform of a release earlier than the release that contains the feature.

feature: new or substantially enhanced functionality which represents added value to the existing system.

frozen: specification status in which only essential corrections are permitted.

Group: TSG or TSG Sub-Group.

major version: For version x.y.z of a specification, x is called the major version.

> Example: For version 3.2.0 of a specification, the major version is 3.

specification: generic term standing for Technical Specification and Technical Report.

TSG: Technical Specification Group.

TSG change control: specification status in which the Technical Specification Group is responsible for approval of Change Requests.

TSG Sub-Group: Working Group or subgroup of a Working Group or of a Sub-Group.

Working Group (WG): official subgroup of a TSG reporting to that TSG.

WG Change Control: specification status in which the Working Group is responsible for agreeing Change Requests for submission to the TSG for approval.

version: unique identifier in the form x.y.z for a specification at a given point in time.

> Example: version 3.12.3.

withdrawn: specification status in which the given version of the specification no longer belongs to the appropriate set of valid specifications.

Work Item (WI): description of an enhancement to a technical area, which may be categorized as feature, building block or work task.

Work Item description (WID): description of a Work Item in a standard Work Item Description sheet.

work task: sub-division of a building block, representing a self-contained, well-scoped and well-scheduled item of work.

New Inserted Section

4.10.3.5   Early implementation of features

3GPP may identify certain features as being suitable for "early implementation". The selection of "early implementation" features shall be performed at the TSG level.

Additional documentation is provided for early implementation features (see subclause 6.4.4).

All documentation for early implementation features is contained in the release where the feature is introduced. The status or specification of older releases shall not be changed by the introduction of early implementation features.

New Inserted Sections

6.4.4   Early implementation

The responsible TSG may decide that a particular work item is a candidate for "early implementation". If a feature is a candidate for early implementation this shall be indicated in the 3GPP work plan.

Where a feature is a candidate for early implementation the deliverables shall include an early implementation Technical Report. The Technical Report shall give guidance on how to perform early implementation of a work item. This report shall not define any new technical requirements. It is there to help implementers identify which parts of the specifications are relevant to the work item and how they should be handled when early implementation is performed.

The early implementation Technical Report shall be identified in the list of impacted documents in the WID. The early implementation Technical Report is part of the same release as the feature to which is relates.

Where a single early implementation feature consists of several work items then the number of different TRs should be minimised. The aim shall be for a single report to be written for the appropriate highest level work item (typically the feature level). However, flexibility should be left to take account of different ways work items may be structured

Work on the early implementation Technical Report shall begin with the identification of the requirements for early implementation.

The contents of the early implementation Technical Report shall be developed in parallel to the overall progress on standardisation of the work item. The responsible working groups shall keep the report up to date – particularly the clauses "specification impacts" and "Early Implementation Status" which must be completed before finalisation of the WI and maintained if they are subsequently impacted by any essential corrections.

End of Changes