TSG-RAN Meeting #6
Nice, France, 13 – 15 December 1999

TSGRP#6(99)737

Title: **Agreed CRs of category "B" (New feature) to TS 25.401**

Source: **TSG-RAN WG3**

Agenda item: **5.4.3**

Doc #	Status-	Spec	CR	Rev	Subject	Cat	Versio	Versio
R3-99j34	agreed	25.401	005		Changes on 25.401; section 7.1 and	B	3.0.0	3.1.0
R3-99k25	agreed	25.401	009		Service specific function for NAS	B	3.0.0	3.1.0

3G CHANGE REQUEST

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

25.401 CR **005**   Current Version: 3.0.0

3G specification number ↑   *↑ CR number as allocated by 3G support team*

For submission to   TSG-RAN #6   for approval   **X**   *(only one box should*
list TSG meeting no. here ↑   for information   *be marked with an X)*

Form: 3G CR cover sheet, version 1.0   The latest version of this form is available from: ftp://ftp.3gpp.org/Information/3GCRF-xx.rtf

Proposed change affects: USIM ☐   ME ☐   UTRAN **X**   Core Network ☐
(at least one should be marked with an X)

Source: TSG RAN WG3   **Date:**   Dec. 6, 1999

Subject: Changes on 25.401, section 7.1 and 7.2

3G Work item:

Category: F   Correction   ☐
    A   Corresponds to a correction in a 2G specification   ☐
(only one category   B   Addition of feature   **X**
shall be marked   C   Functional modification of feature   ☐
with an X)   D   Editorial modification   ☐

Reason for change: The feature, already present in other 3GPP TSs, is not listed and described in 25.401

Clauses affected:

Other specs affected: Other 3G core specifications   ☐   → List of CRs:
    Other 2G 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:

1

7.1 List of functions

Note : This list of functions, their classification and definitions is an initial list, classification and definitions that will be further refined.

- Functions related to overall system access control
  - Admission Control
  - Congestion Control
  - System information broadcasting
- Radio channel ciphering and deciphering
- Functions related to mobility
  - Handover
  - SRNS Relocation
- Functions related to radio resource management and control
- Radio resource configuration and operation
- Radio environment survey
- [FDD - Macro-diversity control]
- Radio bearer connection set-up and release (Radio Bearer Control)
- Allocation and deallocation of Radio Bearers
- [TDD - Dynamic Channel Allocation (DCA)]
- Radio protocols function
- RF power control
- RF power setting
- [TDD - Timing Advance]
- Radio channel coding
- Radio channel decoding
- Channel coding control
- Initial (random) access detection and handling
- CN Distribution function for Non Access Stratum messages

7.2 Functions description

7.2.4.x [TDD - Timing Advance]

This function is used in uplink to align the uplink radio signals from the UE to the UTRAN. Timing advance is based on uplink burst timing measurements performed by the Node B L1, and on Timing Advance commands sent downlink to the UE.

CHANGE REQUEST

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

25.401 CR **009**   Current Version: **3.0.0**

GSM (AA.BB) or 3G (AA.BBB) specification number ↑   ↑ *CR number as allocated by MCC support team*

For submission to: **TSG-RAN #6**   for approval **X**   strategic ☐   *(for SMG*
list expected approval meeting # here ↑   for information ☐   non-strategic ☐   *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: (U)SIM ☐   ME **X**   UTRAN / Radio **X**   Core Network **X**
(at least one should be marked with an X)

Source:	TSG RAN WG3 **Date:** 19 Nov 1999
Subject:	Service specific function for NAS messages
Work item:	6.1, UTRAN architecture

Category: F   Correction   **Release:**   Phase 2 ☐
          A   Corresponds to a correction in an earlier release   Release 96 ☐
(only one category   B   Addition of feature   **X**   Release 97 ☐
shall be marked   C   Functional modification of feature   Release 98 ☐
with an X)   D   Editorial modification   Release 99 **X**
          Release 00 ☐

Reason for change:

In the last RAN2 meeting (#8), the following principles have been agreed:

- the RLC connections are not bound to a given domain, but are bound to a given priority.

- it is up to the terminal to declare a new flow and have a flow Id.

- the routing of a new flow is done by the RNC based on the information provided by the UE.

In the Iu SWG when discussing documents R3-99i12 and R3-99i82, it was also decided to add a SAPI to the RANAP Direct Transfer message. A new service specific handling function in 25.401 is required.

This CR proposes to add the new function to 25.401.

Clauses affected:

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:

help.doc

<--------- double-click here for help and instructions on how to create a CR.

7.2.4.14 Service specific function for Non Access Stratum messages

A service specific function in the UE provides a SAP for a particular service (e.g. a given priority). In the downlink direction, the SRNC may base the routing on this SAP.

This service specific function is located in both the UE and the SRNC.