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

TSGRP#6(99)753

Title: **Agreed CRs of category "C" (Modification) and "F" (Correction) to TS 25.422**

Source: **TSG-RAN WG3**

Agenda item: **5.4.3**

Doc #	Status-	Spec	CR	Rev	Subject	Cat	Versio	Versio
R3-99h92	agreed	25.422	001		Removal of usage of SCCP Class 1	C	3.1.0	3.2.0

3GPP TSG-RAN Meeting #6
Nice, France, 13-15 December 1999

***Document* R3-99H92**
e.g. for 3GPP use the format TP-99xxx
or for SMG, use the format P-99-xxx

CHANGE REQUEST

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

25.422	CR	001	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 use only)
list expected approval meeting # here ↑		for information		non-strategic		

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 [X] Core Network [ ]

Source: TSG-RAN WG3 **Date:** 26 November 1999

Subject: Removal of usage of SCCP Class 1 for RNSAP

Work item:

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

F	Correction		**Release:**	Phase 2	
A	Corresponds to a correction in an earlier release			Release 96	
B	Addition of feature			Release 97	
C	Functional modification of feature	X		Release 98	
D	Editorial modification			Release 99	X
				Release 00	

Reason for change: SCCP Class 1 is not needed as signalling bearer for RNSAP. It is therefore recommended that SCCP Class 1 is removed from TS 25.422.

Clauses affected: 4.2 Signalling Bearer

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.

4.2 Signalling Bearer

This chapter refers to specifications of the Signalling Bearer for the Radio Network Layer protocols. As shown in figure 3, the standard allows operators to choose one out of two protocol to suites for transport of SCCP messages.

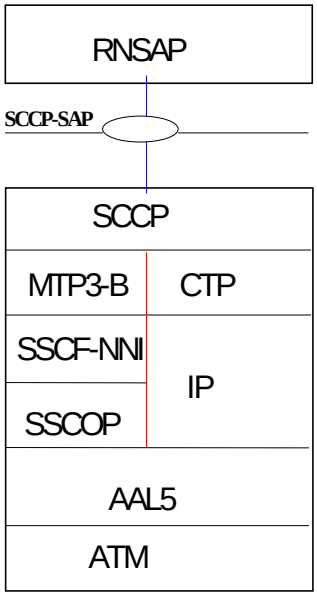

Fig.3 Signalling bearer for RNSAP

Note1: In case CTP Protocol does not become ready, for reference, by September '99, WG3 will re-evaluate the protocol option of using CTP for release '99.

-1 **SCCP** [7] provides connectionless service, class 0, ~~connectionless service with guaranteed order, class 1,~~ connection oriented service, class 2, separation of the connections mobile by mobile basis on the connection oriented link and establishment of a connection oriented link mobile by mobile basis.

-2 **MTP3-B** [4] provides message routing, discrimination and distribution (for point-to-point link only), signalling link management load sharing and changeover/back between link within one link-set. The need for multiple link-sets is precluded.

-3 **SAAL-NNI** [1] consists of the following sub-layers: - **SSCF** [3], - **SSCOP** [2] and – **AAL5** [6]. The SSCF maps the requirements of the layer above to the requirements of SSCOP. Also SAAL connection management, link status and remote processor status mechanisms are provided. SSCOP provides mechanisms for the establishment and release of connections and the reliable exchange of signalling information between signalling entities. Adapts the upper layer protocol to the requirements of the Lower ATM cells.

-4 **ATM** [5]

-5 **CTP** [14] is a generic term used to describe the protocol being developed by the Sigtran working group of the IETF for the purposes of transporting various signaling protocols over IP networks.

-6 **IP** [13] is supported by AAL5 [6] and ATM [5]