TSG-RAN Meeting #11
Palm Springs, CA, U.S.A., 13-16 March 2001

RP-010127

Title: **Agreed CRs to TS 25.434**

Source: **TSG-RAN WG3**

Agenda item: 5.3.3

Tdoc_Num	Specification	CR_Num	Revision_Num	CR_Subject	CR_Category	WG_Status	Cur_Ver_Num	New_Ver_Num
R3-010201	25.434	006	1	Clarification of the ALC values	F	agreed	3.4.0	3.5.0

CR-Form-v3

CHANGE REQUEST

⌘ **25.434** CR **006** ⌘ rev **1** ⌘ Current version: **3.4.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: ⌘ (U)SIM ☐ ME/UE ☐ Radio Access Network **X** Core Network ☐

Title: ⌘	Clarification of the ALC values .	
Source: ⌘	**R-WG3**	
Work item code: ⌘		***Date:*** ⌘ January 2001
Category: ⌘	**F**	***Release:*** ⌘ R99

Use <u>one</u> of the following categories:
F (essential 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)

Reason for change: ⌘	The LS Statement from ITU-T SG 13 with the title "Liaison for AAL2 Type 2 Signalling Protocol" clarifies the use of the ALC parameters. It clarifies that the enforcement of the ALC values is for further study.
Summary of change: ⌘	The purpose of the ALC parameters in the Establish Request message is clarified. Revision 1: The wording was changed.
Consequences if not approved: ⌘	If this CR is not accepted the specification 25.434 is not aligned with the ITU-T view of the AAL2 Link Characteristics.

Clauses affected: ⌘	6.2
Other specs affected: ⌘	☐ Other core specifications ⌘ ☐ Test specifications ☐ 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/3G_Specs/CRs.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://www.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2000-09 contains the specifications resulting from the September 2000 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.
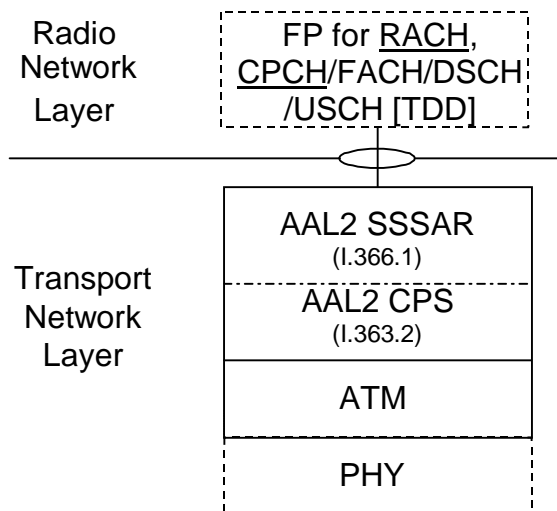
Figure 1: Protocol stack for RACH, CPCH [FDD], FACH, and DSCH Iub data stream transport

Figure 1 shows the protocol stack for the transport of RACH, CPCH [FDD], FACH, DSCH and USCH [TDD] Iub data streams. The Service Specific Segmentation and Reassembly (SSSAR) sublayer is used for the segmentation and reassembly of AAL2 SDUs (i.e. SSSAR is only considered from I366.1).

6 I_{ub} Transport Signalling for Common Transport Channel Data Streams

6.1 Introduction

This chapter specifies the transport signalling protocol(s) used to establish the user plane transport bearers. The protocol stack is shown in chapter 7 (Figure 2).

6.2 Transport Signalling

Q.2630.1 as developed by ITU-T [3] is selected as the standard AAL2 signalling protocol for Iub.

If there is an AAL2 switching function in the transport network layer of the interface, the AAL2 Link Characteristics parameter (ALC) shall be included in the Establish Request message of AAL2 signalling protocol shall be used.

7 Signalling Bearer for Transport Signalling on I_{ub} Interface

7.1 Introduction

This chapter specifies the signalling bearer protocol stack which supports the transport signalling protocol.

7.2 Signalling Bearer

SAAL-UNI is the standard signalling bearer for the AAL Type Signalling protocol (Q.2630.1) on Iub [4, 5]. The protocol stack is shown in Figure 2 below.
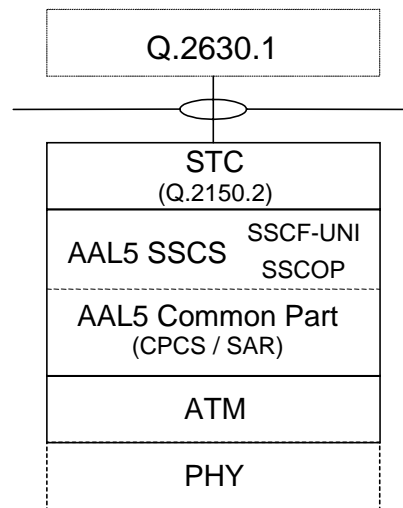
Figure 2: Transport Network Control plane protocol structure on Iub

Binding ID provided by the radio network layer shall be copied in SUGR parameter of ESTABLISH.request primitive of [3].

The signalling transport converter (STC) relevant for Iub is Q.2150.2 [6]. The AAL5 Common Part contains CPCS and SAR.

Annex A (informative):
Change history

Change history					
TSG RAN#	Version	CR	Tdoc RAN	New Version	Subject/Comment
RAN_04	-	-	-	3.0.0	Approved by TSG-RAN by correspondence
RAN_05	3.0.0	-	-	3.1.0	Approved by TSG-RAN #5
RAN_07	3.1.0	-	-	3.2.0	Approved at TSG RAN #7
RAN_09	3.2.0	003	RP-000390	3.3.0	Approved at TSG RAN #9
RAN_10	3.3.0	004 005	RP-000631	3.4.0	Approved at TSG RAN #10