

**Source:** Iu SWG Chairman  
**Title:** Summary of Iu SWG editors meeting

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## **INTRODUCTION**

This document presents the report from Iu SWG editors meeting held on August 25 1999 in Sophia Antipolis, France (ETSI Headquarters, Iris 2-3). The meeting was chaired and the report prepared by Atte Lämsisalmi of Nokia. Richard Townend of BT (editor of 25.410), Jyrki Jussila of Nokia (editor of 25.413), David Comstock of Ericsson (editor of 25.414) and Alain Maupin of Ericsson (editor of 25.415) participated the meeting.

The chair and the editors reviewed all of the Iu specifications, and discussed how to best progress them. It was agreed that the items noted (reported below) will be covered in various editors proposals and company contributions, which are to be reviewed and accepted by the Iu SWG and RAN WG3.

### **25.410 UTRAN IU INTERFACE GENERAL ASPECTS AND PINCIPLES**

In addition to some minor editorial corrections the editor will complete the following tasks for the next meeting:

- References need to be corrected, e.g. SCCP references added.
- Abbreviations section need to be filled based on all used abbreviations.
- General Aspects section: remove the first editors note.
- Iu Interface Capabilities: Editors note should be removed and those capabilities should be listed based on requirements from section 4.2 of 23.930 Iu Principles

In addition it was noted that:

- Discussion on section 5 functions of the Iu Interface protocols is already ongoing based on Nokia and Ericsson input.
- Definitions for Source and Target SRNC are being developed, but they should be placed in RANAP specification.

### **25.411 UTRAN IU INTERFACE LAYER 1**

No missing items were identified

### **25.412 UTRAN IU INTERFACE SIGNALLING TRANSPORT**

In September the group is supposed to assess whether IETF work on CTP is mature enough that we can keep that type of signalling bearer in release 99.

### **25.413 UTRAN IU INTERFACE RANAP SIGNALLING**

The following was noted:

- The whole document should be checked for the terminology point of view in an AdHoc activity in September time frame.

- Section 1, Scope: Editor will provide to the next meeting (can be partially copied from RNSAP).
- Section 2 References: References to 23.930 (Richard considers whether appropriate and necessary), 25.410, and 25.415 and the transport layer specifications need to be added
- Section 3.1 Definitions: Source and Target RNC should be added (already being developed). Definition of Elementary procedures from 8.1.1 can be moved here.
- Symbols section removed because it is empty (can be done in other documents too).
- Section 4 General: Error handling already allocated to Lucent. Ericsson will have contribution on forward and backwards compatibility (will be posted as early as possible).
- Sections 5 and 6: Nokia will provide information on these to the next meeting.
- Section 7 Functions of RANAP: contribution for this meeting from Nokia.
- Section 8 RANAP Procedures: Grouping and reordering of procedures should be done (contribution for this meeting, but the proposal is that the editor works on this) A number of procedures are being worked on for this meeting.
- Sections 8.2.7 and 8.2.8 should be removed due to the lack of input.
- Section 8.7.4.3 Crossing of Reset messages are FFS. The need to mention this item should be decided in this meeting.
- Nokia will check if SOLSA needs some changes to RANAP (as done in GSM A).
- Nokia also checks how Integrity Checking is to operated in Iu, is it in conjunction with Cipherring or independently.
- Section 9.1 should be called simply "Message Contents". It needs a sanity check, and Nokia will do that. Grouping and order of Messages should be done (contribution for this meeting, but the proposal is that the editor works on this)
- Section 9.2 should be called "Information element definitions". Everything else except the information element definitions should be removed.
- Section 9.3 Nokia will provide ASN.1 information to the AdHoc on ASN.1 in October timeframe.
- Section 9.4 Message Transfer Syntax: Decision on PER or BER should be done in October.
- Section 9.5 Timers, contribution from NEC to this meeting.
- Section 10. Error handling allocated to Lucent.

#### **25.414 UTRAN IU INTERFACE DATA TRANSPORT AND TRANSPORT SIGNALLING**

The only thing missing is the correct reference to GTP U (UMTS TS number). The editor will provide the CR correcting that for this or the next meeting.

#### **25.415 UTRAN IU INTERFACE CN RAN USER PLANE PROTOCOLS**

The following was noted:

- The whole area of CS data is open, it could mean no effect, or a lot of changes.
- Description method for the protocol needs to be decided, i.e. formal method or tabular format.

- Support Mode for variable SDU sizes:
  - All information about applicable procedures and elements of communication (i.e. frame format, coding and primitives) is missing, and should be provided by interested companies in the next meeting.
- Support Mode for predefined SDU sizes:
  - Rate Control contributions already coming in from Ericsson.
  - Time Alignment needs to be specified. Time alignment has already been addressed by Motorola and DoCoMo, so they could provide more input.
  - Abnormal events needs to be specified. Ericsson will work on this area time permitting.
  - Frame classification contributions coming in from Ericsson.
  - Coding of initialisation procedure messages coming in from Ericsson.
  - Protocol states contribution coming in from Ericsson.
  - In section 6.5.2 the first and last editors notes can be deleted.
  - Need for Acknowledge frame needs to be clarified by next meeting. All interested companies invited to input.
  - Section 7.2.4 Ericsson will clarify for the next meeting.
  - Section 7.2.5 first part of the note can be removed already, and also second part is covered.
  - Section 7.3.3 Note 1 and the note at the bottom will be clarified by Ericsson for the next meeting.
  - Section 7.3.4 The GTP-U SAP needs to be clarified in the next meeting.