

**3GPP TSG-SA2 Meeting #32**  
**San Diego, USA, 12<sup>th</sup> – 16<sup>th</sup> May 2003**

**S2-032155**

**Title:** Reply LS to GERAN LS on impact of 'Early UE handling' (GP#14(03)0928)  
**Release:** Release 5  
**Work Item:** LATE-UE

**Source:** SA2  
**To:** GERAN2  
**Cc:** SA, GERAN

**Contact Person:**

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**Attachments:** None.

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**1. Overall Description:**

SA2 thanks the GERAN2 their reply LS on the impact of Early UE handling on GERAN.

With regard to GERAN 2's five questions, SA 2 can provide the following answers:

1. To provide an update on the status of the Work Item after the SA2 meeting in May.  
*SA 2 is sending the latest version of TS23.195 to GERAN 2 (and other committees) in a separate LS.*
2. To confirm GERAN2's assumptions listed "above" [where "above" refers to the text in the GERAN LS].  
*SA 2 can confirm the statements made in the first set of bullets number 1,2,3.*
3. To study whether the UESBI can be sent by the CN to the RNC during the Handover/Relocation Preparation procedure in time for the RNC to decide whether to accept or reject the handover.  
*The MSC inserts the UESBI-Iu in the Handover/Relocation Request message. The BSS/RNC does NOT send the UESBI-Iu in the Handover/Relocation Required message.*
4. As a result, to confirm whether the BSC is expected to send the UESBI to the RNC at handover. If this is the case, to confirm:  
*See the answer to 3. The BSS does NOT insert the UESBI-Iu in the Handover Required message*
  - That the UESBI needs to be forwarded from an RNC/BSC to the BSC at inter-RAT/external handover.  
*IF UESBI-Iu transfer is to be supported on the A interface, then, the MSC includes the UESBI-Iu in the Handover Request message.*
  - Which mechanism is to be used to send the UESBI from the CN to the BSC at call establishment (e.g. addition of the UESBI to the COMMON ID message)  
*IF the UESBI-Iu is to be sent to the BSC, then it shall be possible to include it in the COMMON ID message, and, it shall also be possible to send it in a new message, eg called "UESBI-Iu Indication".*
5. To confirm that the changes are to be included in the Release 5 version of the 3GPP specifications.

*This is the working assumption of SA 2. SA 2 expects the final decision to be made at the next TSG RAN meeting. SA 2 expect that any company(s) promoting the inclusion of this feature in an earlier release will be responsible for the production of the CRs to the earlier releases.*

SA2 would also like to inform GERAN 2 that SA2 will send the TS 23.195 to June SA #20 meeting for approval and the TS 23.195 is Rel-5 version of the 3GPP specifications.

SA2 have additionally discussed the need to introduce the on the A-interface. Currently the stage-2 TS describes how the UESBI-lu information could be transferred in the A-interface, but it has been marked as an open item in the TS. Some companies in the SA2 feel that before introducing this new functionality to A-interface, SA2 needs a clear request from GERAN.

Potential problems with GSM-UMTS mobiles that cannot handle particular System Information 5 [ter/qua] message contents (e.g. describing UMTS neighbour cells) or which send erroneous Measurement Report messages have been brought to SA2 attention. SA2 asks GERAN to investigate the possible problem related above or other possible problems, and if they might require introduction of the UESBI-lu in the A-interface.

## **2. Actions:**

### **ACTION To GERAN 2 group.**

To decide whether or not UESBI-lu needs to be sent to the BSS.

GERAN 2 are asked to reply directly to TSG SA as this influences which version of TS23.195 should be approved.

## **3. Date of Next SA2 Meetings:**

SA2#33	7 <sup>th</sup> – 11 <sup>th</sup> July, 2003	Sophia-Antipolis, France
SA2#34	18 <sup>th</sup> – 22 <sup>nd</sup> August, 2003	Brussels, Belgium