

Title: LS on Full RANAP support of network initiated SCUDIF
Response to:
Release: Release 6

Source: CT4
To: GERAN2
Cc: CT, GERAN

Contact Person:

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1. Overall Description:

During the specification work for stage 3 for finalizing the network-initiated service change for SCUDIF, CT4 needed to specify an indication about conditions for service change becoming suitable to be sent from non-anchor MSC towards anchor MSC over MAP E-interface when inter-MSC handover/relocation has happened.

RAN3 has agreed to specify this indication by re-using RAB MODIFY REQUEST message with a new optional IE to indicate to the MSC the existence of suitable conditions for a service change. When RANAP is used over the MAP E-interface that message is sent from the non-anchor MSC to the anchor MSC inside AN-APDU.

That indication needs to be sent also between MSCs when BSSAP is used over MAP E-interface. On the MAP E-interface currently the AN-APDU containing an access network protocol message is mandatory. However in BSSAP there does not currently exist an appropriate message that could be used for this indication.

CT4 has approved in their working group meeting two technically correct solutions to overcome this problem. One of the solutions is to allow on MAP protocol level the sending of the MAP message over MAP E-interface with an empty AN-APDU and transfer the indication with a new parameter on the MAP level. The other solution is based on the assumption that GERAN would accept to define a new BSSAP message to be used for this indication inside AN-APDU.

The new BSSAP message should carry the corresponding information that is currently carried in RANAP and also proposed to be carried on the MAP level in the other solution. Here is included the contents of the proposed MAP parameter:

```
AlternativeRAB-ConfRequest ::= ENUMERATED {  
    alternativeRAB-ConfRequested (0),  
    ...}
```

CT4 preferred in their working group meeting the latter solution introducing a new BSSAP message. In CT4's understanding that solution would be more future-proof.

2. Actions:

To GERAN2

ACTION:

CT4 kindly requests GERAN2 to consider the introduction of a new BSSAP message for the purposes of the network-initiated service change for SCUDIF. If GERAN2 sees it appropriate to introduce a new message that decision should be available during the next CT plenary (1 – 3 Jun 2005) for it to be able to choose that technically correct solution to be incorporated to the specifications. For the same reason GERAN2 is also requested to send the response to this LS also to CT plenary.

3. Dates of Next CN4 Meetings:

CT4#28	29 th Aug – 02 nd Sep 2005	London, UK
CT4#29	31 st Oct – 04 th Nov 2005	Berlin, GER