

TSG-RAN Working Group 3 meeting #2  
Nynäshamn 15<sup>th</sup> to 19<sup>th</sup> March 1999

**TSGW3#2(99)148**

**Agenda:** 6.2

**Source:** Motorola / NEC

**Title:** Study Item [lu/1] "Use of SS7 as a signalling bearer for lu and lur"

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**Document for** : Status Report

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## 1. Introduction

This contribution is to report the status of e-mail discussion on the study item [lu/1] "Use of SS7 as a signalling bearer for lu & lur".

There were no further discussions after this issue opened on the e-mail reflector. Therefore there is no conclusion on this study item.

## 2. Initial discussion between Motorola and NEC

However, Motorola and NEC have raised some discussion points. These are quoted below:

Assumptions:

- The SS7 used for the PSTN/ISDN domain has no conflict between delegates of RAN-TSG-WG3.
- For the IP domain, there are both SS7 and TCP/IP proposals from delegates of RAN-TSG-WG3.

Based on above assumptions, the discussion points raised are as shown below:

- 1) What are the requirements from RANAP? Are the primitives in 9.3.2 the right ones?
- 2) What is the impact if RANAP is different to the two domains? Is it acceptable to have cover small difference by message parameters, or maybe a small number of domain specific messages?
- 3) What are the advantages of having SS7 or TCP/IP?
- 4) What are the differences between SS7 and TCP/IP?
- 5) What is the impact on the application protocol (e.g. RANAP) if two types of signalling bearer are used.

## 3. Conclusion

As mentioned above, there is no discussion and conclusion on this study item, therefore it is required to continue the discussion in the meeting or e-mail.

## 4. Further clarification

This study item is related to lu interface and it does not consider the lur interface.

Discussions on the protocol stack for the lur interface signalling plane must be addressed separately.

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