

TSG-RAN meeting #4  
Miami, US, 17<sup>th</sup> – 18<sup>th</sup> June 1999

**TSGRP#4(99)301**

**From: TSG RAN WG3**

**To: TSG RAN**

**Title: LS regarding RNSAP signalling bearer on Iur**

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TSG RAN asked WG3 to finalise the specification 25.422 in April according to timeplan, by consensus decisions on the still open issues.

WG3 has identified two possible protocol stacks for the signalling bearer for the RNSAP signalling over Iur. One is SS7-based and the other is CTP/IP based. Both uses SCCP as the topmost layer. Based on these two solutions, three alternatives have been identified:

1. Specify CTP/IP-based signalling bearer only
2. Specify SS7-based signalling bearer only
3. Specify both signalling bearers as options

An indicative voting was held showing that alternatives 2 and 3 have a stronger support than alternative 1. For each alternative, there were sustained objections from 5-6 companies. Despite long discussions, WG3 has not been able to reach a consensus agreement on which alternative to choose. Therefore the specification 25.422 could not be finalised according to the timeplan.

TSG RAN is asked to immediately take a decision on which of the three alternatives to use.

Until the decision is taken, 25.422 includes both solutions. One may later be removed dependent on the decision. TSG RAN is asked to refer to 25.422 for a detailed description of the two solutions.

Depending on the decision, a signalling bearer based on CTP/IP may be considered for the ALCAP protocol over Iur.