Agenda item: **10.1**

Source: Nokia

Title: **RANAP Services**

Document for:

_____

1   Introduction

This contribution proposes RANAP services to be included in RANAP Specification TS 25.413. These services are defined in accordance to the current RANAP design.

2   RANAP Services

RANAP provides the signalling service between UTRAN and CN that is required to fulfil the RANAP functions described in section 7. RANAP signalling service can be divided into two classes:

1. Dedicated signalling service related to one Iu signalling connection. RANAP functions that use this service are associated to only one UE. The dedicated signalling service utilises connection-oriented signalling transport provided by the SCCP layer.

2. Global signalling service related to the whole Iu interface instance between RNC and logical CN domain. Those RANAP functions that use this services are associated to the whole instance of Iu, or one UE when no Iu signalling connection has been established. The global signalling service utilises connection-less signalling transport provided by the SCCP layer.

3   Proposals

It is proposed to add the text in section 2 of this contribution to section 5, RANAP Services of [1].

4   Reference

[1] 3GPP UMTS 25.413, *UTRAN Iu Interface, RANAP signalling*, v.1.2.2, Source: Editor