

Agenda Item: 10.4 Message contents and parameters range
Source: NEC
Title: The contents of the Location Reporting Control and Location Report Message
Document for: Decision

- [1] 25.413 RANAP Specification v1.2.1
[2] 23.110 UMTS Access Stratum, Services and Functions v3.1.0
[3] R3-99748 The contents of the Location Reporting Control and Location Report Message (source: NEC)

1. Abstract

At the last meeting in Helsinki, the contents in RANAP: Location Reporting Control and Location Report messages were proposed in [3], the proposal was provisionally accepted. However it was commented that should design the parameters base on 23.110 [2]. This contribution is to propose the contents in the Location Reporting Control message and Location Report message based on the description in 23.110[2].

2. proposal

The proposal of the contents in the Location Reporting Control message and Location Report message are shown below.

LOCATION REPORTING CONTROL

Information element	Reference	Type
Message type		M
Level of Accuracy		M
Request type		M
Event(s)		O

Level of Accuracy : Describes the granularity required on the UE location information. It can consist in LAI, RAI information and can include an additional request for geographical co-ordinates information.

Request Type : Direct request or Event request

Event(s) : triggering a LOCATION REPORT message. E.g. cell update

LOCATION REPORT

Information element	Reference	Type
Message type		M
Area ID		M
Geographic co-ordinates		O
Event		O

Area ID : Radio access cell/sector or a geographic area (This includes LAI or RAI). Formatted in accordance with the Cell Global Identification (CGI)

Geographic co-ordinates : The physical co-ordinates on the earth and uncertainty parameters

Event: Event that triggered the LOCATION REPORT message.

