

Agenda Item: 5

Source: Email rapporteur

Title: report of Email discussion on LCS

Document for: Discussion

1. Discussion

At the meeting #5 the two contributions (99-617 and 99-650) on the LCS topic were not discussed. It was agreed to consider these in an Email discussion and update the document 25.923. A revised document 25.923 is provided to meeting #6 as contribution 99-717.

Contribution 99-617 from Nokia proposed changes to section 10 to include signalling for a network assisted, UE based GPS method. This was generally accepted, but Motorola proposed that the network based, UE assisted GPS method also be included and suggested some text to align with GSM operations. This was generally agreed although not discussed in detail and may be subject to further contribution at this meeting. The editor has taken the liberty of including both the Nokia and the Motorola texts in the revised document. Some editorial changes were made in the texts to generalise their context and to align their formats. The contributors should carefully review the sections of 99-717 to assure that their material has been properly treated. (Due to the renumbering discussed below these changes now appear in section 9.)

Contribution 99-650 from Nortel proposed changes to section 6 to outline the architecture of the LCS within the UTRAN including the interfaces, functional entities and their assignment to UTRAN entities. This was intended to prepare the way for further work towards the UTRAN LCS stage two description. There was no discussion on this other than to agree that the work should proceed to stage two. The Editor has therefore included the proposed changes of 99-650 in the revised document. The effect of the revisions is to move some material relating to UTRAN LCS entities from what was formerly the annex into section 6. Material in Section 7 also became a sub-section of section 6. Therefore the revised document proposes deleting the now redundant section 7 and the annex (formerly labeled as section 11). Some material in the annex that is in the domain of the core network is deleted in this process. The table of contents has been updated to reflect these proposed changes. The contributors should carefully review the sections of 99-717 to assure that their material has been properly treated.

During other discussions there was some confusion over the use of the term “timing advance” in other sections of the report. The editor has therefore taken the liberty of changing this term to “round trip time (RTT)” in order to better describe the operation and to reduce confusion with useage in other contexts. A sub-section on RTT signalling has also been introduced in section 9 (formerly section 10) in order to align with the OTDOA and GPS signalling.

2. Proposal

Document 99-717 is presented for consideration and approval of the WG2.

LCS Email Rapporteur/Editor