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Re:	Call for contribution
Abstract	Periodic ranging alignement
Purpose	update
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## **Periodic Ranging**

Giulio Cavalli Giovanni Maggi

In order to incorporate the agreement among: vendors, ETSI, Cetecom and PCT developers, which clarify the perioding ranging issue, the following changes are needed to be aligned to the current interpretation of the protocol.

## **Text changes**

Section 6.3.10.2

Pag. 198, line 9 Insert the following:

"Change the fourth enumerated item as indicated:

4) For each unicast uplink burst grant in which a signal is detected, the BS makes a determination as to the quality of the signal. If the signal is within acceptable limits below BS acceptable reception threshold, the BS shall transmit a RNG-RSP (continue). This RNG-RSP (continue) may include corrections. If the signal is above BS reception threshold, BS may transmit a RNG-RSP (success). This RNG-RSP (success) may include corrections. If the BS receives a RNG-REQ, the BS shall transmit a RNG-RSP (success). This RNG-RSP (success) may include corrections. Burst includes the RNG-REQ message, the RNG-RSP message shall be issued with a status of

success. If the signal is not within acceptable limits, the RNG-RSP message shall be issued that

includes the appropriate correction data and a status of continue. If a sufficient number of correction messages are issued without the SS signal quality becoming acceptable, the BS shall send the RNG-RSP message with a status of abort, and terminate link management of the SS."

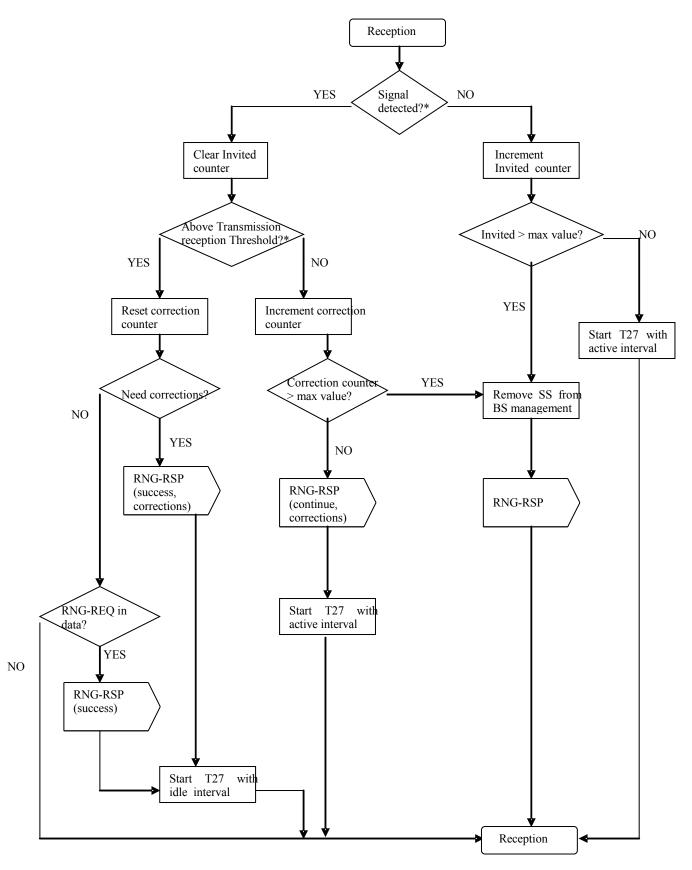
Pag.198, line 15 insert the following:

"Add an eighth enumerated item as indicated:

8) The SS shall respond to each uplink grant addressed to it and entirely fill the burst. If no data is pending and the last RNG-RSP was success, the SS shall fill the entire grant with a: RNG-REQ or "Padding PDU" or "stuff bytes".

Replace figure 82 with the figure depicted below:

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(\*) it is implementation dependent

Figure 82 – Periodic Ranging receiver process -BS