

**TSG-RAN Working Group 1 meeting #9
Dresden, Germany
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Source: Panasonic

Title: Draft Liaison Statement on Compressed Mode and the usage of common channel

To: RAN WG2

Cc: RAN WG3, RAN WG4

There have been discussions in WG1 about the possibility of UEs being in compressed mode while there is information that may be of interest to the UE being transmitted on common channels. WG1 would like to confirm that it has the same understanding as WG2. WG1 would also like to point out that there are certain limitations from the physical layer point of view in using certain physical channels when in compressed mode.

1) A UE in compressed mode will be unable to monitor the S-CCPCH whilst performing interfrequency measurements. As a consequence there may be loss of information in the following cases:

- If the UE is expecting a AICH or FACH message at the same time as a scheduled compressed interval.
- If there are broadcast messages on the FACH that the UE should be reading and which arrive at the interfrequency measurement interval

WG2 is asked to inform WG1 on whether these cases can be efficiently dealt with at higher layers (for instance with scheduling for each user of AICH, FACH and Compressed Mode and/or L2 ARQ procedures) or whether any requirements arise for L1.

2) WG1 would like point out that from WG1 point of view compressed mode should be avoided when ever possible. Therefore it is desirable that compressed mode is not applied for CPCH or DSCH transmission. Could WG2 please confirm that the occurrence of CPCH or DSCH in compressed mode transmission can be avoided by appropriate scheduling in higher layer ?