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TSG-RAN Working Group 2 (Radio L2 and Radio L3)
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Source: TSG-RAN WG2

To: TSG-RAN WG1

Cc:

Title: Response to LS (R1-001310) on Blind transport format detection limitations

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RAN WG2 thanks RAN WG1 for their liaison Tdoc R1-001310 (R2-002174) on blind transport format detection limitations.

RAN WG2 would like to remind RAN WG1 that present specifications already permit to define a Transport Format for transport block number ? 0 with a zero-size Transport Block, implying that CRC bits only shall be transmitted by the physical layer on that transport channel for this Transport Format.

See Sec. 10.3.5.23 "Transport Format Set" in TS 25.331, where following note is stated:

“NOTE: If the number of transport blocks $\neq 0$, and Optional IE "CHOICE RLC mode" or "CHOICE Transport block size is absent, it implies that no RLC PDU data exists but only parity bits exist. If the number of transport blocks = 0, it implies that neither RLC PDU data nor parity bits exist. “

Note that generally limitations regarding the setting of parameters in RRC messages is *not* specified in the RRC specifications. RAN WG2 however agreed to include a statement into TS 25.331 referring to limitations on setting of information elements to enable reliable operation of blind transport format detection.