**3GPP TSG-RAN WG2 Meeting #113bis Electronic R2-210xxxx**

**Elbonia, 12 – 20 April 2021**

**Title: [DRAFT]** ReplyLS on synchronization of Ethernet Compression

**Response to:** -

**Release:** Release 16

**Work Item:** NR\_IIoT-Core

**Source:** Nokia [TSG RAN WG2]

**To:** TSG RAN WG3

**Cc:**

**Contact Person:**

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**Attachments:** -

**1. Overall Description:**

RAN2 would like to thank RAN3 about the questions regarding Ethernet Compression (EHC). RAN2 has discussed the issue on their end and concluded the following:

* In case EHC headers would not be included in DL packets, EHC desynchronization cannot be handled by the UE. However, generally the EHC header should be always included in both UL and DL when EHC is configured for the UE.
* In case EHC headers would be included in both UL and DL, desynchronization can in principle be handled by implementation. However, this may result to loss of packets in the beginning of the session as well as unnecessary EHC feedback transmissions in vain and unnecessary EHC overhead.

**2. Actions:**

**To RAN3 group.**

**ACTION:** RAN2 respectfully asks RAN3 to take the above into account for their further work on the identified issue.

**3. Date of Next TSG-RAN WG2 Meetings:**

3GPP RAN2#114-e 19 May – 27 May 2021 Electronic Meeting