**3GPP TSG RAN WG2#119bis electronic R2-2210857**

**Online, 10th-19th October, 2022**

Title: DRAFT LS on validity of assistance information

Response to: -

Release: Release 17

**Work Item: NR\_NTN\_solutions**

Source: OPPO (to be RAN2)

To: RAN1

Cc: -

**Contact Person:**

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**Send any reply LS to: 3GPP Liaisons Coordinator,** **mailto:3GPPLiaison@etsi.org**

Attachments: None

**1. Overall Description:**

Regarding RAN1’s agreement on serving cell’s explicit Epoch time referring to the current SFN or the next upcoming SFN after the frame where the message indicating the Epoch time is received, RAN2 has discussed and thinks that there could be an issue with latency (e.g. for initial access) when Epoch time points to far in future time and validity timer has not started.

RAN2 think possible solution is (1) setting the epoch time properly by the network (i.e., no spec changes) or (2) using backward propagation of satellite information or (3) making Epoch time for the serving cell the frame nearest to the frame where the SI message explicitly indicating Epoch time is received. RAN2 kindly requests RAN1 to provide feedback which solution to use.

**2. Actions:**

**To** **RAN1**

**ACTION:** RAN2 respectively requests RAN1 to provide feedback to the above questions.

**3. Date of Next RAN2 Meetings:**

TSG-RAN WG2#120 2022-11-14 to 2022-11-18 Toulouse, FR

TSG-RAN WG2#121 2023-02-27 to 2023-03-03 Athens, GR