3GPP TSG SA WG 2 Meeting 146E TDoc S2-2106834

Electronic, August 16-27 2021

**Title: LS on EPS support for IoT NTN in Rel-17**

**Response to: -**

**Release: Rel-17**

**Work Item: TEI17, LTE\_NBIOT\_eMTC\_NTN**

**Source: SA2**

**To: RAN, RAN1, RAN2, RAN3, CT, CT1, CT3, CT4, CT6**

**Cc: SA, SA1**

**Contact person: Guillaume SEBIRE**

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

**Attachments:** S2-2106794

# 1 Overall description

SA2 would like to inform TSG RAN and TSG CT and WGs that in view of RAN#92e approval of a new Work Item ([RP-211601](https://www.3gpp.org/ftp/tsg_ran/TSG_RAN/TSGR_92e/Docs/RP-211601.zip)) to introduce IoT NTN support in EPS in Rel-17, it has agreed the attached Work Item.in Rel-17 (subject to SA#93e approval)..

# 2 Actions

**To All**

**ACTION:** SA2 asks the above groups to take note of the information in this LS.

**To CT**

**ACTION:** SA2 asks CT and CT WGs to consider planning the corresponding Stage 3 support in EPS in Rel-17.

**To CT1**

**ACTION:** SA2 asks CT1 to conclude whether and if so how to extend NAS timers to support IoT NTN GEO deployments with NB-IoT and with eMTC.

# 3 Dates of next TSG SA WG 2 meetings

TSG SA WG2 Meeting 147E 18 – 22 Oct. 2021

TSG SA WG2 Meeting 148E 15 – 19 Nov. 2021