3GPP TSG RAN WG2 Meeting #112-e R2-200xxxx

2 – 13 Nov 2020

**Title:** **Draft** Reply LS on updated Rel-16 LTE and NR parameter lists

**Response to:** R2-2006508/R1-2005051LS on updated Rel-16 LTE and NR parameter lists

**Release:** Release 16

**Work Item:** LTE\_eMTC5-Core, NB\_IOT\_enh3-Core, LTE\_DL\_MIMO\_EE-Core, LTE\_terr\_bcast-Core, NR\_2step\_RACH-Core, NR\_unlic-Core, NR\_IAB-Core, 5G\_V2X\_NRSL-Core, NR\_L1enh\_URLLC-Core, NR\_IIOT-Core, NR\_eMIMO-Core, NR\_UE\_pow\_sav-Core, NR\_pos-Core, NR\_Mob\_enh-Core, LTE\_NR\_DC\_CA\_enh-Core

**Source:** Ericsson [RAN2]

**To:** RAN1

**Cc:** RAN3

**Contact person:** Håkan Palm

hakan (dot) l (dot) palm (at) ericsson (dot) com

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

**Attachments:** R2-200xxxx RAN1 parameter list with ASN.1 names for Rel-16 NR

R2-200xxxx RAN1 parameter list with ASN.1 names for Rel-16 LTE

# 1 Overall description

RAN2 thanks RAN1 for the lists of higher layer parameters for LTE and NR for Rel.16 work items.

RAN2 has further updated the columns “RAN2 Parent IE” and “RAN2 ASN.1 name” in the attached parameter lists. Following are some notes regarding the attachment:

* In each spreadsheet, change(s) compared to R2-2006037 are highlighted in blue.

RAN2 would also like to inform RAN1 on the use of suffixes (e.g. *fieldA-r16*, *fieldB-v1620*) in TS 38.331:

* In Rel-15 38.331, the suffix *“-r15*” was not used in the ASN.1, i.e. initial versions of fields introduced in Rel-15 have no suffix
* fieldA-rX is a revision of fieldA introduced in Rel-X, i.e. when field-rX is configured, fieldA-rY with Y<X is not applied (and usually not configured)
* fieldA-vXYZ is an extension of fieldA introduced in TS 38.331 vX.Y.Z, which could be configured and applied together with fieldA, or one of its revisions, introduced in the same or in a previous release, for instance to extend the value range of fieldA or to include additional fields (if fieldA is a SEQUENCE)
* In the procedural specifications, in field descriptions as well as in headings, "fieldA" means "fieldA or fieldA-rX or fieldA-vXYZ in ASN.1", while "fieldA (without suffix)" means "fieldA in ASN.1" (excluding any revision or extension of fieldA).

RAN2 attempts to define revisions and extensions of ASN.1 fields in such a way that procedure text, field descriptions and headings referring to such ASN.1 fields need not be updated, thanks to the above described conventions.

RAN2 assumes that reusing the same conventions in RAN1 NR specifications should allow minimizing the changes required to RAN1 specifications when revisions or extensions of existing ASN.1 fields are introduced.

# 2 Actions

**To 3GPP RAN1:**

**ACTION:** RAN2 respectfully asks RAN1 to take the above into consideration in their work on Rel-16 RAN1 specifications.

# 3 Dates of next TSG RAN WG2 meetings

TSG RAN WG2 Meeting #113-e 25 Jan – 5 Feb 2020

TSG RAN WG2 Meeting #113-bis-e 12 – 20 Apr 2020