**3GPP TSG-RAN WG1 #101-e R1-2005118**

**e-Meeting, 25th May – 5th June, 2020**

**Title:** LS on further updated Rel-16 RAN1 UE features list for LTE

**Response to:** -

**Release:** Rel-16

**Work Items:** LTE\_eMTC5-Core, NB\_IOTenh3-Core, LTE\_DL\_MIMO\_EE-Core, LTE\_terr\_bcast-Core, 5G\_V2X\_NRSL-Core, TEI-16

**Source:** RAN WG1

**To:** RAN WG2

**CC:** RAN WG4

**Contact Person:**

#### Name: Hiroki Harada, Ralf Bendlin

E-mail Address: [hiroki.harada.sv@nttdocomo.com](mailto:hiroki.harada.sv@nttdocomo.com), [ralf\_bendlin@labs.att.com](mailto:ralf_bendlin@labs.att.com)

**Attachment:**  R1-2005119.zip (Updated RAN1 UE features list for Rel-16 LTE after RAN1#101-e)

**1. Overall Description:**

RAN1 has continued to discuss the Rel-16 RAN1 UE features list for LTE. Based on the agreements made after the RAN1#101-e meeting during email discussion/approval “[101-e-Post-NR(LTE)-UE-Features-06] To finalize the LTE V2X UE feature list”, RAN1 agreed to send the updated version of LTE UE features list to RAN2 to facilitate their work on defining capability signaling.

Regarding the column “Need for the UE to know if the feature is supported (only for V2X WI, where the PC5-RRC capability signaling is delivered between the UEs)”, RAN1 would like to clarify that NR PC5-RRC signaling is still applicable for the equivalent FG in the NR feature list and that N/A means RAN1 assumes there is no need to define a LTE version of PC5-RRC signaling in the V2X section of R1-2005119.

**2. Actions:**

**To RAN WG2**

**ACTION:** RAN1 kindly would like to ask RAN2 to take into account the list of RAN1 LTE UE features for designing corresponding capability signalling in Rel.16.

**3. Date of Next RAN WG1 Meetings:**

TSG-RAN WG1 Meeting #102-e 17th – 28th August 2020 E-meeting.