**3GPP TSG-RAN WG2 Meeting #109bis-eDraft\_R2-2004051**

**Online, 20th - 30th April 2020**

**Title:** [Draft] Reply LS on Rel-16 NB-IoT enhancements

**Response to:** R2-2002212/C1-201024

**Release:** Release 16

**Work Item:** NB\_IOTenh3-Core

**Source:** Huawei [to be RAN2]

**To:** CT1, RAN3, SA2

**Cc:**

**Contact Person:**

#### Name: Baokun Shan

#### E-mail Address: baokun.shan@huawei.com

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

**Attachments:**

**1. Overall Description:**

RAN2 thanks CT1 for their question on the values for UE specific DRX cycle in NB-IoT.

In RAN2#109bis-e, RAN2 has further discussed the value set for UE specific DRX cycle and agreed to support the following values for UE specific DRX cycle in NB-IoT cell, for both EPS and 5GS:

 320ms, 640ms, 1280ms, 2560ms, 5120ms and 10240ms

RAN2 also like to inform SA2 that a SIB indication is introduced to indicate whether UE specific DRX for NB-IoT is supported in a cell. This is to handle the case where cell configuration my not be conducive to proper operation of NB-IoT UEs configured with short DRX cycle than cell specific DRX cycle. It is FFS whether this indication is cell or PLMN specific

**2. Actions:**

**To CT1, SA2, RAN3:**

RAN2 respectfully asks CT1, SA2 and RAN3 to take above information into account and introduce the corresponding signaling.

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

3GPP RAN2#110-e 01 - 12 Jun, 2020 Online

3GPP RAN2#111 24 - 28 Aug, 2020 Toulouse, France