3GPP TSG RAN WG2 Meeting #110-e R2-2005199

1 – 12 June 2020

**Title:** **[draft]** Reply LS on assistance indication for WUS

**Response to:** R2-2004317/S2-2003217 Reply LS on assistance indication for WUS

**Release:** Release 15

**Work Item:** NB\_IOTenh3-Core, LTE\_eMTC5-Core

**Source:** Qualcomm Incorporated [to be RAN2]

**To:** SA2, RAN3

**Cc:** CT1

**Contact person:** Mungal Dhanda

mdhanda (at) qti (dot) qualcomm (dot) com

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

**Attachments:** none

# 1 Overall description

RAN2 thanks SA2 for their reply LS on assistance indication for WUS and the agreed CRs which restrict the use of WUS to the last used cell.

RAN2 would like to provide the following feedback:

* UE indicates support for WUS in *UE-RadioPagingInfo*(*-NB*) IE.
* *UE-RadioPagingInfo*(*-NB*) IE is included in *UECapabilityInformation*(*-NB*) message.
* *UECapabilityInformation*(*-NB*) message also contains full UE capability for E-UTRAN and, if applicable, for other RATs information in *UE-CapabilityRAT-ContainerList*.
* The *UECapabilityInformation*(*-NB*) messasent by UE to eNB is uploaded to MME for later use.

During eNB change due to handover or reestablishment, the source eNB provides the *UE-CapabilityRAT-ContainerList* to the target eNB but the *UE-RadioPagingInfo*(*-NB*) IE is not passed from source to target eNB. This means the target eNB does not know whether UE supports WUS.

# 2 Actions

**To 3GPP SA2, RAN3**

**ACTION:** RAN2 respectfully asks SA2 and RAN3 to take into consideration the above response.

# 3 Dates of next TSG RAN WG2 meetings

TSG RAN WG2 Meeting #111e 17 – 28 August 2020

TSG RAN WG2 Meeting #112e 2 – 13 November 2020