**3GPP TSG-RAN WG2 Meeting #109 electronic DRAFT R2-20xxxxx**

**24 February – 6 March 2020**

**Title: [DRAFT]** LS on Manual CAG ID selection and granularity of UAC parameters for PNI-NPNs

**Response to:** -

**Release:** Release 16

**Work Item:** NG\_RAN\_PRN-Core

**Source:** Nokia [TSG RAN WG2]

**To:** SA2, CT1

**Cc:** SA1, RAN3

**Contact Person:**

#### Name: György Wolfner

E-mail Address: gyorgy(dot)Wolfner(at)nokia(dot)com

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

**Attachments:** -

**1. Overall Description:**

RAN2 understanding is that after manual CAG ID selection by UE NAS the UE AS shall select a cell that supports the manually selected CAG ID in order to perform the registration procedure triggered by UE NAS. RAN2 is seeking further guidance on the manual CAG ID selection issue. RAN2 has the following questions:

**Question 1.1 to SA2:**  If a UE performs manual CAG selection and a successful registration, then whether the UE shall stay on cells supporting the manually selected CAG ID in RRC\_CONNECTED state?

**Question 1.2 to SA2:** Shall a UE in manual CAG selection mode prioritize for cell reselection the cells supporting the manually selected CAG ID over other suitable cells that do not support the manually selected CAG ID after a successful registration via cell supporting the selected CAG ID?

**Question 1.3 to CT1:** Does the UE NAS provide the manually selected CAG ID to UE AS? If yes, then as part of the allowed CAG list, or as a separate element?

There is no agreement in RAN2 on the required granularity of UAC parameters broadcasted in a cell in case of PNI-NPNs with CAG. More specifically whether the UAC parameters need only to be configured per PLMN (i.e., the same UAC parameters are applied for all CAGs of PLMN) or there is need to enable CAG ID specific configuration of UAC parameters (i.e., it is possible to have different UAC parameters for different CAGs of a PLMN).

**Question 2 to SA2:** Is it required to enable to broadcast UAC parameters in a cell per CAG ID?

**2. Actions:**

**To SA2, CT1 group.**

**ACTION:** RAN2 respectfully asks SA2, and CT1 to reply the above questions.

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

3GPP RAN2#109bis 20 – 24 April 2020 electronic

3GPP RAN2#110 25 – 30 May 2020 Athens, Greece