**3GPP TSG-RAN3 Meeting #119 R3-230813**

**Athens, Greece, 27th February - 3rd March 2023**

Title: Reply LS on RAN impact for NPN enhancement in Rel-18

Response to: S2-2301437/R3-230036

Release: Rel-18

Work Item: eNPN\_Ph2

Source: RAN3

To: SA2

Cc: RAN2

**Contact Person:**

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

Attachments: None

**1. Overall Description:**

RAN3 would like to thank SA2 for their LS on RAN impact for NPN enhancement in Rel-18.

RAN3 foresee at least the following impacts to the RAN3 specifications:

* For **Objective 1 (Support for enhanced mobility by enabling support for idle and connected mode mobility between SNPNs without new network selection),** RAN3 should
  + Support Equivalent SNPNs in NGAP and XnAP e.g., by including it in the Mobility Restriction List
  + Support target SNPN ID selection in case multiple SNPN IDs are broadcasted in a target cell during connected mode mobility and signaling the selected SNPN ID to the target NG-RAN node during Xn and NG based handover
* For **Objective 2 (Support for non-3GPP access for SNPN),** RAN3 should
  + Support signaling for conveying the selected NID from N3IWF/TNGF to AMF in NGAP INITIAL UE MESSAGE

Currently RAN3 doesn’t have any time units allotted to discuss the design in detail. RAN3 will wait for RAN to allot appropriate time units and thereafter will work to provide the necessary specification support.

**2. Actions:**

**To SA2**

**ACTION:** RAN3 kindly asks SA2 to take the above information into account and feedback if any.

**3. Date of Next RAN3 Meetings:**

RAN3#119bis-e April 17 – April 26, 2023 E-Meeting

RAN3#120 May 22 - May 26, 2023 Incheon, South Korea