**3GPP TSG-WG SA2 Meeting #160 *S2-231xxxx***

**Chicago, US, Nov 13 – 17, 2023 (revision of S2-2313526)**

Title: [DRAFT] Reply LS on Rel-18 RedCap enhancements to address remaining ENs in TS 23.502

Response to: LS R3-234725/S2-2311938 from RAN3

Release: Release 18

Work Item: NR\_redcap\_enh-Core

Source: [Huawei to be] SA2

To: RAN3, RAN2

Cc: CT4

**Contact Person:**

Name: Steven Wenham

Tel. Number:

E-mail Address: steven DOT wenham AT huawei DOT com

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

Attachments: None

**1. Overall Description:**

SA2 thanks RAN3 for the LS (R3-234725/S2-2311938) on Rel-18 RedCap enhancements to address remaining ENs in TS 23.502.

1. *RAN3 would like to further inform SA2 that RAN3 agreed to rename the NGAP “DL data notification” message to “RAN paging request” message. RAN3 also agreed to include the ‘DL signalling indication’ in the “RAN paging request” message to differentiate DL signalling and DL data.*

**Answer 1:** SA2 thanks RAN3 for the information and SA2 has approved CRs to correct our specs accordingly.

1. *In addition, RAN3 would like to inquire whether there is need to include the ‘eRedCap indication’ in the NGAP INITIAL UE MESSAGE message, to enable possible charging and policy control and differentiation of eRedCap devices, as was done in the past releases for Rel-17 RedCap UEs.*

**Answer 2**:

Some companies consider that the indication may be useful for purposes related to, for example, subscription plans, and it is useful to include an eREDCAP indication the NGAP INITIAL UE MESSAGE message.

At the present SA2 is not aware of any requirement to introduce an eREDCAP indication for charging and policy control and differentiation of eREDCAP UEs compared to Rel-17 RedCap UEs.

SA2 would like to understand whether the new eREDCAP indication or the existing REDCAP indication would be indicated in the case that the UE changes its UE capabilities from REDCAP to eREDCAP (and vice versa).

**2. Actions:**

**To RAN3 group.**

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

**To RAN2 group.**

**ACTION:** SA2 asks RAN2 group to answer to the question and provide feedback if any.

**3. Date of Next TSG SA WG2 Meetings:**

TSG-SA2 Meeting #160-Ad Hoc-e 22nd – 29th January, 2024 Online

TSG-SA2 Meeting #161 26th February – 1st March, 2024 Athens, GR