**3GPP TSG RAN WG2 Meeting #116bis-e R2-220xxxx**

**E-meeting, 17 – 25 Jan, 2022**

**Title: [Draft]** LS on support of RAN sharing and discovery signalling

**Response to:**

**Release:** Rel-17

**Work Item:** NR\_SL\_relay-Core

**Source:** [To be RAN WG2]

**To:** SA2

**Cc:** CT1

**Contact Person:**

#### Name: Rui Wang

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**Attachments:**

**1. Overall Description:**

RAN2 agrees to support RAN sharing for L2 U2N Relay in Rel-17, and has reached the following agreements:

* RAN2 will have basic support of RAN sharing for L2 relay in Rel-17, without additional RAN2 spec impact beyond delivery of the PLMN list to the remote UE and use of the NCGI in measurement report. RAN2 will not make additional investigations or spec changes wrt RAN sharing in Rel-17.
* The PLMN list is in PLMN-IdentityInfoList included in cellAccessRelatedInfo.
* Relay UE’s cell ID included in measurement report is NCGI

RAN2 has achieved the following agreements that have an impact to discovery message:

|  |
| --- |
| * *cellAccessRelatedInfo* from SIB1 is forwarded before PC5-RRC connection using discovery message irrespective whether there is RAN sharing or not.
* Carry *cellAccessRelatedInfo* from SIB1 in discovery message using RRC container (will be specified in RRC specification).
* For which discovery message to use to carry *cellAccessRelatedInfo*, rely on SA2 to decide which discovery message to use.
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**2. Actions:**

**To:** SA2

**ACTION:** RAN2 respectfully asks SA2 to take the above information into account in their future work.

**3. Date of Next TSG-RAN2 Meetings:**

RAN2#117-e 21 February – 3 March 2022 Online

RAN2#118-e 16 May – 27 May 2022 Online