**3GPP TSG-SA WG2 Meeting #143E *xxxx***

**Feb 24th – March 9th, 2021 ; Elbonia**

Title: Reply to LS on NR satellite access PLMN selection

Response to: C1-210438/S2-210xxxx

Release: Rel-17

Work Item: 5GSAT\_ARCH

Source: SA2

To: CT1

Cc:

**Contact Person:**

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

Attachments: none

**1. Overall Description:**

SA2 would like to thank CT1 for their LS on NR satellite access PLMN selection (C1-210438/S2-210xxxx). In that LS CT1 asked the following questions to which SA2 would like to provide the indicated responses below.

**Question1:**

**What is the intention and scope of the reject cause?**

**Answer from SA2:**

The meaning (or scope) of this reject cause is to indicate to the UE that the PLMN it is currently attempting to register to or is registered to, cannot provide services to the UE in the country the UE is physically located in.

The intention with this reject cause is to inform to the UE that the UE must select away from the PLMN it is currently registered to or attempting to register to.

SA2 envisage that this reject cause is used in conjunction with the provided MCC list to suggest to the UE which other MCC(s) the UE can consider selecting to.

This reject cause, its meaning and its intention are not applicable to UE in terrestrial networks and PLMN selection for UEs in terrestrial networks.

SA2 considers that the reject cause needs to be added in the DE-REGISTRATION REQUEST and REGISTRATION REJECT messages, but has not (yet) determined whether it needs to be added to other procedures.

**Question2:**

**Can SA2 clarify on the nature, intention and scope of this MCC list?**

**Answer from SA2:**

The Recommended MCC list intends to suggest to the UE which MCCs the UE can consider to select to at the present UE location.

SA2 considers that the MCC list will indicate the appropriate MCC(s) for the UE in the country the UE is currently located. Upon receiving the Recommended MCC information, the UE may consider any available PLMNs whose MCC is indicated in the recommended MCC list as a suitable PLMN for PLMN selection considerations. The recommended MCC list is only valid in the country the UE is physically located and is no longer valid if the UE moves away from the country where it received that recommended MCC list.

The recommended MCC list is also not applicable to terrestrial networks and PLMN selection for UEs in terrestrial networks.

**2. Actions:**

**To CT1 group.**

**ACTION:** SA2 kindly asks CT1 to answer to the above questions.

**3. Date of Next SA2 Meetings:**

3GPP TSG SA2 #143(E) TBD