**3GPP TSG-CT WG1 Meeting #138-eC1-22XXXX**

**E-Meeting, 10th – 14th October 2022**

Title: LS on SENSE for home PLMN and disaster roaming PLMN

Response to:

Release: Rel-18

Work Item: SENSE

Source: CT1

To: SA1

Cc:

**Contact Person:**

Name: Carlson Lin

Tel. Number:

E-mail Address: Carlson DOT Lin AT mediatek DOT com

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

Attachments: none

**1. Overall Description:**

CT1 is working based on the requirements for SENSE feature in TS 22.011 CR#0322 (S1-213329) and would like to clarify the applicability of the SENSE feature for different PLMNs.

**Question 1:** if a UE supports SENSE, the UE can register to an VPLMN (non-HPLMN/EHPLMN) depending on signal quality of this VPLMN compared to HPLMN/EHPLMN at the time of PLMN selection. Some companies in CT1 think it is an undesired behavior that the UE selects VPLMN e.g., in home country. Can SA1 confirm the UE behavior and usage of the threshold in this case?

**Question 2:** if a UE supports SENSE and MINT, obtains information that a Disaster Condition applies to the PLMN of the UE, and in the first round of PLMN selection using configured threshold the UE finds only forbidden PLMN(s) offering disaster roaming service, is it allowed for the UE to select one of these PLMN(s)?

**2. Actions:**

**To SA1:**

**ACTION:** CT1 would like to kindly ask SA1 to provide answers for CT1’s questions above.

**3. Date of Next CT1 Meetings:**

CT1#139e 14th - 18th November 2022 Toulouse , FR