**3GPP TSG-CT WG1 Meeting #141-eC1-232652**

**Online, 17 – 21 April 2023**

**Title: Clarifications on location validity information**

**Release: 18**

**Work Item: eNPN\_Ph2**

**Source: CT1**

**To: SA2**

**Cc: none**

**Contact person: Amer Catovic**

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

**Attachments:** None

# 1 Overall description

CT1 is discussing how to implement the requirements in TS 23.501 related to location validity indication in the automatic SNPN selection when the UE supports localized services in SNPN and access for localized services in SNPN is enabled. CT1 has detected the following inconsistency in the requirements: in some places, the location validity information restricts selection of an SNPN:

*Validity information consists of*

*- Time validity information, i.e., time periods (defined by start and end times) when access to the SNPN is allowed; and/or,*

*- Location validity information*

*…*

*…the UE shall select and attempts registration on available SNPN in the following order:*

*(a) if the UE supports access to an SNPN using Credentials from a Credentials Holder then the UE continues by selecting and attempting registration on available and allowable SNPNs which broadcasts the indication that access using credentials from a Credentials Holder is supported in the following order:*

*i the SNPN with the validity information the UE was last registered with (if the validity information is met) …*

while in other places, the location validity information does not restrict the selection of an SNPN:

*NOTE 2: The location validity information is used to aid the UE where to search for the SNPNs in the Credentials Holder controlled prioritized list of SNPNs and GINs and is not used for any area restriction enforcement*

**Question 1: Is the location validity information (a) used by the UE to restrict the selection of SNPN or (b) used only to aid the UE in the search for SNPN?**

CT1 kindly asks SA2 to clarify SA2 specifications based on the answer to Question 1.

Furthermore, CT1 notes that SA2 also specified the location validity information can consist of the geolocation information but the geolocation information is not commonly supported by the UE from NAS protocol perspective.

**Question 2:** Is the geolocation information really needed to be sent to the UE as part of the location validity information and if so, why?

# 2 Actions

**To SA2**

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

# 3 Dates of next TSG SA WG 1 meetings

CT1#142 22-26 May 2023 Bratislava, SK

CT1#143 21-25 August 2023 Goteborg, SE