3GPP TSG-RAN WG3 #114-e R3-21xxxx

**E-meeting, 1st – 11th November 2021**

Source: CATT

Title: (TP for BL CR for TS 38.300) On country policy handling

Agenda Item: 20.2.5

Document for: Approval

# Introduction

The TP is to capture the agreement of CB: # 2005\_NTN\_Country\_Routing.

# TP for BL CR for TS 38.300 (on top of R3-214663)

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### 16.x.5 Signalling [FFS]

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The mapping between Cell Identities and geographical areas is configured in the RAN and Core Network.

NG-RAN is responsible for constructing the mapped cell ID based on the UE location info received from the UE. The mapping may be pre-configured (e.g., up to operator’s policy) or up to implementation.

NOTE: As described in TS 23.501 [3], the the information within the UE location information may enable the AMF to determine whether it is allowed to operate at the present UE location. Pre-configuration of special mapped cell identifiers may be used to indicate areas outside the serving PLMN’s country.

16.x.6 AMF (Re-)Selection by gNB

The gNB implements the NAS Node Selection Function specified in TS 38.410 [16].

For a RRC\_CONNECTED UE, when the gNB is configured to ensure that the UE is using an AMF that serves the country in which the UE is located.

If the gNB detects that the UE is in a different country to that served by the serving AMF, it should

* perform an NG handover to change to an appropriate AMF, or
* initiate anUE Context Release Request procedure towards the serving AMF with a suitable cause value

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