3GPP TSG-RAN WG3 #114bis-e R3-221069

**E-meeting, 17th – 26th January 2022**

Source: CATT (moderator)

Title: Summary of offline discussion for CB: # 2003\_NTN\_Country\_Routing

Agenda Item: 20.2.5

Document for: Approval

# Introduction

**CB: # 2003\_NTN\_Country\_Routing**

**-Should a new cause value be added to notify AMF of a UE context release due to unsuitable serving PLMN?**

**-Can a UE context release due to unsuitable serving PLMN be expressed by means of existing cause values?**

**-Capture agreements and provide TPs if agreeable**

(CATT - moderator)

Summary of offline disc [R3-221069](file:///C%3A%5CUsers%5Cchuberrn%5CDocuments%5CInbox%5CR3-221069.zip)

The deadline for the first phase is 00:00 UTC on Saturday, January 22.

# For the Chairman’s Notes

TBD.

# Discussion (first phase)

All of the TDocs raised this meeting focuses on whether we should introduce a new IE to indicate the requested UE release is due to country policy issue, i.e. the UE is currently outside the serving area of a PLMN.

Five companies preferred to introduce a new cause value dedicated for this scenario [1][2][4][5][6].

One company preferred not to add new cause vaule [3].

**Questions 1**: What is your opinion on whether a new cause value should be introduced?

| Company | Comment |
| --- | --- |
| CATT | We prefer yes, following the majority.The reason provided in [3] did not seem very arguable. For example, it didn’t even clearly state what legacy cause value should be used and why it wouldn’t incur misunderstanding. |
| Thales | We suggest to follow majority and agree on new cause value |
|  |  |

**Questions 2**: Any other comment, e.g. the name of the cause value?

| Company | Comment |
| --- | --- |
| CATT | On the name of the new cause value, contributions [2][4][5] provide the same name “UE not in PLMN serving area”, and [1] provide a similar name.To make life easier, prefer to follow the majorities, add the new cause value with the name “UE not in PLMN serving area”. Corresponding TPs could be merged together. |
| Thales | Ok for “UE not in PLMN serving area” as new cause value name |
|  |  |

# Conclusion, recommendations [if needed]

# Reference

1. R3-220285; (TP for BL CR for 38.300) Final aspects of country border crossing; Qualcomm Incorporated.
2. R3-220464; New paging cause for UE Context Release Request; Huawei.
3. R3-220628; Country Routing and Cause Value for UE Context Release; Ericsson LM.
4. R3-220714; (TP for NTN BL CR 38.413) On Cause Value for Cross-country Scenario; CATT.
5. R3-220860; Discussion on Country-Specific Routing; CMCC.
6. R3-220896; (TP for BL CR 38.413) Country-specific Routing for NTN; ZTE.