3GPP TSG-RAN WG2 Meeting #109e R2-200xxxx

Elbonia, Online, 24 February – 6 March 2020

**Agenda item: 6.9.3.6**

**Source: Samsung (Offline rapporteur)**

**Title: Offline discussion 214: Fast handover failure recovery**

**Document for: Discussion and Decision**

# 1 Introduction

* [AT109e][214][NR MOB] Finalization of T312 for fast handover failure recovery (Samsung)

Scope:

* + - Agreeing on the proposals as per [R2-2002070](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_109_e/Docs/R2-2002070.zip).
    - Discuss open items as per [R2-2002070](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_109_e/Docs/R2-2002070.zip) to seek companies feedback on open issues NR T312.

Intended outcome:

* + - Proposals with consensus that can be incorporated (if needed) in the running CR(s) (aim to agree to those over email)
    - List of remaining open issues that need to be pursued in next meeting (if any).
    - Issues that should no longer be pursued

Deadline for providing comments and for rappporteur inputs:

* + - Companies input: Thursday, Feb. 27th 3:00 CET
    - Rapporteur proposals: Friday, Feb. 28th 12:00 CET
    - Comments on proposals’ wording, Monday March 2nd by 17:00 CET

# 2 Progressing on the Summary Report ([R2-2002070](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_109_e/Docs/R2-2002070.zip))

**Agreements proposed to be agreed in this meeting**

**Recommended Proposal#1: RAN2 is requested to agree the proposals in [**[**R2-2000928**](http://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_109_e/Docs/R2-2000928.zip)**] and adopt in running CR the proposed TP.**

**Q1: Do you agree to the recommended proposal#1?**

|  |  |  |
| --- | --- | --- |
| **Company** | **[YES/NO]** | **If you object Proposal#1, then please provide the technical reason for objection** |
| OPPO | YES |  |
| Apple | Yes |  |

**Recommended Proposal#2: RAN2 is requested to quickly check the two alternatives proposed in [**[**R2-2001623**](http://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_109_e/Docs/R2-2001623.zip)**] and agree one of them.**

**Q2: Do you agree to the recommended proposal#2?**

|  |  |  |
| --- | --- | --- |
| **Company** | **[YES/NO]** | **If you agree with Proposal#2, please indicate the alternative you prefer and why?** |
| Apple | Yes | We prefer Alt 1, since it’s simpler than Alt 2. |
|  |  |  |

Companies can provide view if they object the proposal

|  |  |
| --- | --- |
| **Company** | **If you object Proposal#2, then please provide the technical reason for objection** |
| OPPO | Since T312 expiry means early T310 expiry, we wonder whether UE can reuse the code point of t310-Expiry for reporting SCG failure. |
|  |  |

**Open items proposed to be further discussed in this meeting**

**DISC S1\_1:** Whether configuration of T312 in the CHO event configuration is allowed? If allowed, then the trigger condition to start T312 **[**[**R2-2001609**](http://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_109_e/Docs/R2-2001609.zip)**]**.

**Q3: Whether configuration of T312 in the CHO event configuration i.e. CHO-TriggerConfig-r16 is allowed?**

|  |  |  |
| --- | --- | --- |
| **Company** | **[YES/NO]** | **Please provide technical justification** |
| OPPO | NO | CHO event configuration is not used for measurement reporting and we fail to understand how T312 can improve CHO execution. |
| Apple | No | T312 mechanism is to avoid the missing of measurement report transmission and HO command reception.  For CHO, there is no the measurement report transmission and no HO command reception during the CHO execution phase, then the T312 cannot bring any benefit. |

If your answer to Q3 is YES, such configuration should be allowed for both LTE and NR?

**Q4: Whether configuration of T312 in the CHO event configuration i.e. CHO-TriggerConfig-r16 is allowed for both LTE and NR?**

|  |  |  |
| --- | --- | --- |
| **Company** | **[YES/NO]** | **Please provide technical justification** |
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If your answer to Q3 is YES, such configuration should be allowed for both CHO and CPC?

**Q5: Whether configuration of T312 in the CHO event configuration i.e. CHO-TriggerConfig-r16 is allowed for both CHO and CPC ?**

|  |  |  |
| --- | --- | --- |
| **Company** | **[YES/NO]** | **Please provide technical justification** |
|  |  |  |
|  |  |  |

If your answer to Q3 is YES, then the trigger condition to start T312 need to be specified.

**Q4: Do you agree with P2 from [**[**R2-2001609**](http://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_109_e/Docs/R2-2001609.zip)**]? If no, then specify the trigger condition**

|  |  |  |
| --- | --- | --- |
| **Company** | **[YES/NO]** | **If no, then specify the trigger condition** |
|  |  |  |
|  |  |  |

# 3 Rapporteur Summary

[TBD]

# 4 List of referenced documents

[1] [R2-2002070](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_109_e/Docs/R2-2002070.zip) Summary of AI 6.9.3.4 (Fast handover failure recovery) Samsung .

[2] [R2-2000928](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_109_e/Docs/R2-2000928.zip) T312 handling in NR Sharp discussion

[3] [R2-2001623](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_109_e/Docs/R2-2001623.zip) Introduction of T312 for NR PSCell in (NG)EN-DC Samsung CR Rel-16 36.331 15.8.0 4227 - B NR\_Mob\_enh-Core

[4] [R2-2001609](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_109_e/Docs/R2-2001609.zip) Discussion on T312 support in CHO events Samsung