3GPP TSG-RAN WG2 Meeting #113 Electronic R2-2101962

Elbonia, 25 January – 05 February 2021

**Agenda item: 4.5**

**Source: Nokia (RAN2 VC)**

**Title: Summary of [AT113-e][202][LTE] LTE Miscellaneous corrections (RAN2 VC)**

**WID/SID: LTE\_MDT\_BT\_WLAN-Core, LTE\_5GCN\_connect-Core, TEI16 - Release 15/16**

**Document for: Discussion and Decision**

# 1 Introduction

This document is the report of the following email discussion:

* [AT113-e][202][LTE] LTE Miscellaneous corrections (RAN2 VC)

Scope:

* + - Discuss which CRs under AI 4.5 and 7.5 marked for this email discussion are agreeable and provide final CRs.
		- CRs may be merged to the RRC rapporteur CRs under [203] if seen necessary

 Intended outcome:

* + - Discussion summary in [R2-2101962](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_113-e/Docs/R2-2101962.zip) (by email rapporteur)
		- Agreeable CRs by proponents (if revised documents are required, proponents should obtain Tdoc numbers from session chair or RAN2 secretary to provide those)

 Deadline for providing comments and for rapporteur inputs:

* + - Initial deadline (for companies' feedback): 1st week Thu, UTC 0900
		- Initial deadline (for rapporteur's summary): 1st week Fri, UTC 0900
		- Deadline for CR finalization: 2nd week Thu, UTC 1000

# 2 MDT-related issues

There are two sets of CRs related to the MDT-topics marked for this discussion, as shown below:

By Email [202] (2+2)

MDT-related CRs:

[R2-2101411](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_113-e/Docs/R2-2101411.zip) Releasing WLAN-BT configuration upon returning from Inactive Ericsson CR Rel-15 36.331 15.12.0 4575 - F LTE\_MDT\_BT\_WLAN-Core

[R2-2101413](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_113-e/Docs/R2-2101413.zip) Releasing WLAN-BT configuration upon returning from Inactive Ericsson CR Rel-16 36.331 16.3.0 4577 - A LTE\_MDT\_BT\_WLAN-Core

[R2-2101410](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_113-e/Docs/R2-2101410.zip) On the lack of PLMN identity check in case of anyCellSelected state related logging Ericsson CR Rel-15 36.331 15.12.0 4574 - F TEI15

[R2-2101412](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_113-e/Docs/R2-2101412.zip) On the lack of PLMN identity check in case of anyCellSelected state related logging Ericsson CR Rel-16 36.331 16.3.0 4576 - A TEI15

First, the CRs in [R2-2101411](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_113-e/Docs/R2-2101411.zip) and [R2-2101413](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_113-e/Docs/R2-2101413.zip) handle clearing of WLAN/BT-name configurations from UE Inactive AS context (which are used for WLAN/BT-logging) upon RRCResume, in order to align with handling of other configurations within Other-Config.

**Question 1**: Is the intent of the CRs in [R2-2101411](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_113-e/Docs/R2-2101411.zip) and [R2-2101413](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_113-e/Docs/R2-2101413.zip) agreeable?

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| Answers to Question 1 |
| Company | Yes/No | Comments (e.g. changes required to be acceptable, why the CR is or is not needed) |
| Lenovo |  | Although it’s proposed for LTE it might be good to discuss the CRs in the Rel-16 NR SON/MDT session and to decide whether a common or different handling for LTE and NR should be adopted. For instance, we wonder about the re-establishment case. In NR the bt-NameListConfig, and wlan-NameListConfig are released for re-establishment, but in LTE they are still maintained. |
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**Summary 1**: TBD.

**Proposal 1**: TBD.

Second, [R2-2101410](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_113-e/Docs/R2-2101410.zip) and [R2-2101412](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_113-e/Docs/R2-2101412.zip) discuss what should happen if operator1 UE collects information from PLMN of operator2 via "Any Cell"-logging introduced in Rel-15, which could expose information on operator2. Hence, it proposes to apply *areaConfiguration* to the logging.

**Question 2**: Is the intent of the CRs in [R2-2101410](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_113-e/Docs/R2-2101410.zip) and [R2-2101412](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_113-e/Docs/R2-2101412.zip) agreeable?

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| Answers to Question 2 |
| Company | Yes/No | Comments (e.g. changes required to be acceptable, why the CR is or is not needed) |
| Lenovo | Yes, but | Shouldn’t the condition for logging “in any selection” state be changed as well (with regards to RPLMN and areaConfiguration)? |
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**Summary 2**: TBD.

**Proposal 2**: TBD.

# 3 Overheating-related issues

There are two sets of CRs related to the overheating configuration marked for this discussion, as shown below:

By Email [202] (2)

Overheating assistance information:

[R2-2101658](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_113-e/Docs/R2-2101658.zip) CR on overheatingAssistanceConfig release Huawei, HiSilicon CR Rel-15 36.331 15.12.0 4585 - F LTE\_5GCN\_connect-Core

[R2-2101659](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_113-e/Docs/R2-2101659.zip) CR on overheatingAssistanceConfig release Huawei, HiSilicon CR Rel-16 36.331 16.3.0 4586 - F LTE\_5GCN\_connect-Core

By Email [202] (1)

*Overheating (see also contributions in 4.5):*

[R2-2101665](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_113-e/Docs/R2-2101665.zip) Correction on SCG overheating configuration release Google Inc. CR Rel-16 36.331 16.3.0 4587 - F TEI16

First, the CRs in consider the case of UE resuming from RRC\_INACTIVE, and propose (similarly as for the CRs [R2-2101658](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_113-e/Docs/R2-2101658.zip) and [R2-2101659](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_113-e/Docs/R2-2101659.zip) in section 2) that UE should release *overheatingAssistanceConfig-r14* upon resuming.

**Question 3**: Is the intent of the CRs in [R2-2101658](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_113-e/Docs/R2-2101658.zip) and [R2-2101659](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_113-e/Docs/R2-2101659.zip) agreeable?

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| Answers to Question 3 |
| Company | Yes/No | Comments (e.g. changes required to be acceptable, why the CR is or is not needed) |
| Lenovo | Yes, but | * Description of T345 in 7.3.1 Timers (Informative) needs to be updated as well.
* overheatingAssistanceConfig has been introduced in Rel-14, so shouldn’t the change made from Rel-14 onwards?
* Cover page, inter-operability statement: we wonder why there is no inter-operability issue if the UE is implemented according to the CR and the NW is not. In this case, the NW assumes that overheatingAssistanceConfig is still maintained by the UE and to receive overheating assistance info from the UE.
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**Summary 3**: TBD.

**Proposal 3**: TBD.

Second, [R2-2101665](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_113-e/Docs/R2-2101665.zip) concerns a case of simultaneous configuration of overheating assistance for MCG and SCG when the configurations are released: Current procedural text can be interpreted so that UE should not stop providing overheating assistance information for NR SCG.

**Question 4**: Is the intent of the CR in [R2-2101665](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_113-e/Docs/R2-2101665.zip) agreeable?

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| Answers to Question 4 |
| Company | Yes/No | Comments (e.g. changes required to be acceptable, why the CR is or is not needed) |
| Lenovo | No | Presence of overheatingAssistanceConfigForSCG-r16 is condition to the presence of overheatingAssistanceConfig, and acc. to condition “overheating” any existing value of overheatingAssistanceConfigForSCG-r16 shall be deleted by the UE if overheatingAssistanceConfig is not set to setup.Therefore, there is no stringent need to add an additional check for overheatingAssistanceConfigForSCG. |
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**Summary 4**: TBD.

**Proposal 4**: TBD.

# 4 Conclusion

Always echo the list of observations and proposals.

# Annex – Contact Points

Respondents to the email discussion are kindly asked to fill in the following table.

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| --- | --- | --- |
| Company | Name | Email Address |
| RAN2 VC (Rapporteur) | Tero Henttonen | tero.henttonen@nokia.com |
| Lenovo | Hyung-Nam Choi | hchoi5@lenovo.com |
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