3GPP TSG-RAN WG1#117 R1-24abcde

Fukuoka, Japan, May 20th-24th 2024

Agenda Item: 8.1

Source: Moderator (Ericsson)

Title: Draft summary of Rel-18 maintenance for UE power savings

Document for: Discussion

# Introduction

This is the moderator summary for discussion of Rel-18 maintenance for UE power savings.

### *UE Power Savings*

***Following tdocs will be treated in adhoc session #1 – Xiaodong:***

*R1-2405100 Draft CR for 38.211 on TRS occasions for idle/inactive UEs Ericsson*

*R1-2405101 Draft CR for 38.212 on TRS occasions for idle/inactive UEs Ericsson*

*R1-2405102 Draft CR for 38.213 on TRS occasions for idle/inactive UEs Ericsson*

*R1-2405103 Draft CR for 38.214 on TRS occasions for idle/inactive UEs Ericsson*

# Background

Contributions [1][2][3][4] propose corrections to the RAN1 specifications (38.211/212/213/214) to reflect the new parameters that RAN2 agreed to introduce for configuring TRS occasions for idle/inactive UEs (via a new Rel-18 SIB, see references [5][6][7]). Following shows the coversheet information from [1] for example, and same reason/summary/consequence apply for the changes proposed in [2][3][4].

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| ***Reason for change:*** | In RAN2#125-bis, RAN2 agreed to CRs introducing a new Rel-18 SIB for configuring TRS occasions for idle/inactive UEs, and the network either broadcasts SIB17 or the new Rel-18 SIB. This was related to the LS that RAN1 sent to RAN2 in [R1-2312620](https://www.3gpp.org/ftp/TSG_RAN/WG1_RL1/TSGR1_115/Docs/R1-2312620.zip).  RAN2 agreed the CRs in principle:  [R2-2403847](https://eur02.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.3gpp.org%2Fftp%2Ftsg_ran%2FWG2_RL2%2FTSGR2_125bis%2FDocs%2FR2-2403847.zip&data=05%7C02%7Cajit.nimbalker%40ericsson.com%7Ccde738fd09e14492e58908dc65c2bf92%7C92e84cebfbfd47abbe52080c6b87953f%7C0%7C0%7C638497134329546314%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C0%7C%7C%7C&sdata=dqaRzT0Cp9lY1gYDLNvBgur%2BgYaJSfdds5lHGKiMReM%3D&reserved=0)             Clarification on TRS in idle and inactive   CATT, Ericsson    CR 38.300 (Rel-18)  [R2-2403848](https://eur02.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.3gpp.org%2Fftp%2Ftsg_ran%2FWG2_RL2%2FTSGR2_125bis%2FDocs%2FR2-2403848.zip&data=05%7C02%7Cajit.nimbalker%40ericsson.com%7Ccde738fd09e14492e58908dc65c2bf92%7C92e84cebfbfd47abbe52080c6b87953f%7C0%7C0%7C638497134329560251%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C0%7C%7C%7C&sdata=jYZBWaV9KqobdDLnmGQzNfQRkvKKqIASQ1npsGsZJW8%3D&reserved=0)             Clarification on TRS in idle and inactive   Ericsson                 CR 38.331 (Rel-17)  [R2-2403849](https://eur02.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.3gpp.org%2Fftp%2Ftsg_ran%2FWG2_RL2%2FTSGR2_125bis%2FDocs%2FR2-2403849.zip&data=05%7C02%7Cajit.nimbalker%40ericsson.com%7Ccde738fd09e14492e58908dc65c2bf92%7C92e84cebfbfd47abbe52080c6b87953f%7C0%7C0%7C638497134329568347%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C0%7C%7C%7C&sdata=TFfgmQflHpU%2F2emelSveGcscncLV3K7r0Zznf9gDzao%3D&reserved=0)             Clarification on TRS in idle and inactive   Ericsson                 CR 38.331 (Rel-18)   * 3 above are in-principle agreed |
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| ***Summary of change:*** | Reflect the new layer parameters introduced for configuring TRS occasions for idle/inactive UEs in 38.211. |
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| ***Consequences if not approved:*** | Incorrect specification regarding the TRS occasion provisioning for idle/inactive UEs. |

# Discussion

As explained in the background section, the draft CRs are proposed corrections for RAN1 specifications to reflect the new parameters for configuring TRS occasions for idle/inactive UEs.

Companies are invited to provide inputs in the following regarding the draft CRs.

## Q1 (CR for 38.211):

Please provide your view on the draft CR for 38.211 in [R1-2405100](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_117/Docs/R1-2405100.zip).

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| **Company** | **Support (Y/N)** | **Comment** |
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## Q2 (CR for 38.212):

Please provide your view on the draft CR for 38.212 in [R1-2405101](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_117/Docs/R1-2405101.zip).

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| **Company** | **Support (Y/N)** | **Comment** |
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## Q3 (CR for 38.213):

Please provide your view on the draft CR for 38.213 in [R1-2405102](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_117/Docs/R1-2405102.zip).

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| **Company** | **Support (Y/N)** | **Comment** |
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## Q4 (CR for 38.214):

Please provide your view on the draft CR for 38.214 in [R1-2405103](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_117/Docs/R1-2405103.zip).

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| **Company** | **Support (Y/N)** | **Comment** |
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# Conclusion

# References

1. [R1-2405100](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_117/Docs/R1-2405100.zip) Draft CR for 38.211 on TRS occasions for idle/inactive UEs Ericsson, RAN1#117, Fukuoka, Japan, May 2024
2. [R1-2405101](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_117/Docs/R1-2405101.zip) Draft CR for 38.212 on TRS occasions for idle/inactive UEs Ericsson, RAN1#117, Fukuoka, Japan, May 2024
3. [R1-2405102](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_117/Docs/R1-2405102.zip) Draft CR for 38.213 on TRS occasions for idle/inactive UEs Ericsson, RAN1#117, Fukuoka, Japan, May 2024
4. [R1-2405103](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_117/Docs/R1-2405103.zip) Draft CR for 38.214 on TRS occasions for idle/inactive UEs Ericsson, RAN1#117, Fukuoka, Japan, May 2024
5. [R2-2403847](https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_125bis/Docs/R2-2403847.zip)    Clarification on TRS in idle and inactive   CATT, Ericsson CR 38.300 (Rel-18), RAN2#125bis, Changhsa, China, April 2024
6. [R2-2403848](https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_125bis/Docs/R2-2403848.zip)    Clarification on TRS in idle and inactive   Ericsson, MediaTek, ZTE, Nokia, Huawei, HiSilicon, Apple, CATT CR 38.331 (Rel-17), RAN2#125bis, Changsha, China, April 2024
7. [R2-2403849](https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_125bis/Docs/R2-2403849.zip)    Clarification on TRS in idle and inactive   Ericsson, MediaTek, ZTE, Nokia, Huawei, HiSilicon, Apple, CATT CR 38.331 (Rel-18), RAN2#125bis, Changsha, China, April 2024