**Email discussions after RAN2#130**

# Guidelines for email discussions:

**General guidelines for SHORT email discussions, to be concluded approved endorsed at current meeting.**

1. Aim to have the final version of the agreed documents provided by the rapporteur at or shortly after the deadline.
2. Please provide comments on the first version of the document in good time before the deadline. This allows the rapporteur to make an update addressing all companies' comments and there still be time for a quick round of comments on the update.
3. If you have provided comments in the discussion then please indicate to the rapporteur if you are ok with the update provided (preferably via reflector). This avoids the rapporteur having to wait before they can conclude that their update is acceptable to you.
4. Rapporteurs, if not already available, please request your tdoc number from the Secretary when you initiate your email discussion and then provide the final version as soon as you are confident that it is agreeable. You do not need to wait for a reminder from chair, session chair or Secretary before sending the final version.
5. To avoid any confusion, Secretary, chair, or session chair will send an email to confirm the final status of the document.

**For emails discussion to the next meeting (long):**

1. Rapporteurs, feel free to set an intermediate deadline for companies to provide initial comments, so that the conclusions and proposals can be prepared and distributed before the final deadline.
2. Participants, please respect any intermediate deadline indicated by the rapporteur, and preferably provide your feedback as soon as possible.

# Deadlines

May. 30th 1000 UTC Deadline short email discussions

Aug 8th 1000 UTC Deadline long email discussions

Aug 15th 1000 UTC Submission Deadline RAN2#131

Weekends are inactive periods.

It is recommended to not send emails or update files on the server during inactive periods while It is not strictly prohibited. Rapporteurs may kick-off discussions during inactive period. However, no intermediate deadlines and no interactive discussion, no decision making may occur during the inactive period. It shall be possible for a delegate to stay away from reflector and 3GPP server during the inactive period, and still fully participate. Rapporteur announcements during the inactive period, if any, or other updates, can be taken into account after the inactive period.

# Short email discussions, Deadline May 30th, 10:00 UTC

Please request R2-130 TDoc numbers for the following email discussions from MCC if not already allocated. Approval / endorsement will be declared at or shortly after the deadline.

* [POST130][017][NES] SSBless (ZTE/Huawei)

Intended outcome: Review and agreed to CRs

Deadline: Short

* [POST130][014][RRC Misc] CR (Ericsson)

Intended outcome: agree to CR

Deadline: Short

* [POST130][034][AI PHY] LS to RAN3 (Nokia)

Intended outcome: write LS to RAN3 to provide agreements from this meeting that impact RAN3 (e.g. NW sided data collection HO indication, etc).

Deadline: short

* [POST130][035][AIoT] LS to CT1 (Mediatek )

Intended outcome: agree to response LS to CT1 and ccSA2

Deadline: Short

* [POST130][036][AIoT] LS to RAN1/RAN4 (Vivo)

Intended outcome: LS to RAN1/RAN4

Deadline: Short

* [POST130][113][SL] (ZTE)

**Scope:** Further check and complete CRs on introduction of additionalSpectrumEmission.

**Intended outcome:** CR in R2-2504707/R2-2504708/R2-2504709/R2-2504710.

**Deadline:** Short email discussion.

* [POST130][118][NES] (Apple)

**Scope:** Prepare a LS to RAN4 to inform RAN2 agreements on RRM measurements.

**Intended outcome:** LS in R2-2504728.

**Deadline:** Short email discussion.

* [POST130][116][MOB] (CATT)

**Scope:** Prepare LS to RAN3 to inform SP CSI-RS agreement.

**Intended outcome:** LS in R2-2504727.

**Deadline:** Short email discussion.

* [Post130][223][NR\_Others] LS on CSSF optimization (Apple)

Intended outcome: Approve the LS.

Deadline: Short

* [Post130][224][SBFD] LS on CSI-RS based CFRA using SBFD RO (ZTE)

Intended outcome: Approve the LS to RAN1 and RAN4 based on the agreements

Deadline: Short

# Long email discussions, for R2-130, Aug 8th 10:00 UTC (unless otherwise stated)

Please request R2-131 TDoc numbers for the following email discussions by 3GU according to normal tdoc submission procedure.

* [POST130][002][ASN.1] cross WI interactions (Ericsson)

Intended outcome: identify potential functional WI interactions and share

Deadline: Long

* [POST130][004][UE capabilities] Running Mega CR (Xiaomi)

Intended outcome: Review CR capturing RAN1/4 feature list available at the end of the meeting

Deadline: Long

* [POST130][019][TEI19] Per\_Band\_Paging\_Cap CR (Huawei)

Intended outcome: Review CRs for per band paging capabilities

Deadline: Long

* [POST130][021][AI Mob] TR update (Oppo)

Intended outcome:

Phase 1:

- review and agree to TR to submit for information to plenary – including simulation results and observations/agreements (AT meeting to continue to short deadline)

- review spreadsheet and provide comments

Phase 2:

- update and review TR will all agreements on spec impact from RAN2#130

Deadline: Short and Long

* [POST130][022][AI PHY] stage 2 CR (Vivo)

Intended outcome: agree to CR

Deadline: long

* [POST130][023][AI PHY] 38.305 CR (CATT)

Intended outcome: agree to CR

Deadline: long

* [POST130][025][AI PHY] 37.355 CR (Qualcomm)

Intended outcome: agree to CR and open issues list and inputs

Deadline: long

* [POST130][026][AI PHY] 38.331 CR (Ericsson)

Intended outcome: agree to CR and open issues list and input

Deadline: long

* [POST130][027][AIoT] MAC Running CR (Huawei)

Intended outcome: Review CR and open issues

Deadline: Long

* [POST130][028][AIoT] 38.300 Running CR (CMCC)

Intended outcome: Review CR

Deadline: Long

* [POST130][031][AI PHY] NW side data collection (Ericsson/ZTE)

Intended outcome: provide two TP(s) for data logging and configuration in RRC on how to capture this in a simple way to RAN2. Discuss impacts to RAN1 for each solution and RAN3.

Deadline: long

* [POST130][033][AI PHY] UE Side data collection (Ericsson)

Intended outcome: TP capture CP analysis

Deadline: June 20th

* [POST130][037][AI PHY] UE candidate data collection (Xiaomi/Ericsson)

 Intended outcome: Discuss how to capture ‘The UE doesn’t need to measure the candidate data collection configuration(s)’ in RAN2 spec, and signalling details (including contents). Provide TP(s) for candidate UE side data collection configuration.

 Deadline:  June 20th

* [POST130][038][AI PHY] UE capabilities (Xiaomi)

 Intended outcome: Discuss RAN2 specific AI/ML capabilities and submit agreable proposals and RAN2 UE capability CRs

 Deadline:  Long

* [POST130][107][NES] (Ericsson)

**Scope:** Update 38.331 running CR (also including this meeting’s agreements and latest other RAN WGs’ inputs) and remaining essential RRC open issues (including to continue discussion and make conclusion on P7, P12, P13, and P14 from R2-2504704).

**Intended outcome:** 38.331 running CR and remaining essential RRC open issues (including discussion summary on P7, P12, P13 and P14 from R2-2504704).

**Deadline:** Long email discussion.

* [POST130][108][NES] (Apple)

**Scope:** Update 38.304 running CR (also including this meeting’s agreements and latest other RAN WGs’ inputs) and remaining essential idle/inactive open issues.

**Intended outcome:** 38.304 running CR and remaining essential idle/inactive open issues.

**Deadline:** Long email discussion.

* [POST130][109][NES] (IDC)

**Scope:** Update 38.321 running CR (also including this meeting’s agreements and latest other RAN WGs’ inputs) and remaining essential MAC open issues.

**Intended outcome:** 38.321 running CR and remaining essential MAC open issues.

**Deadline:** Long email discussion.

* [POST130][119][NES] (Huawei)

**Scope:** Update 38.300 running CR.

**Intended outcome:** 38.300 running CR.

**Deadline:** Long email discussion.

* [POST130][110][MOB] (Ericsson)

**Scope:** Update 38.331 running CR (also including this meeting’s agreements and latest other WGs’ inputs) and remaining essential RRC open issues. Note RRC parts for L1 event-triggered MR will be merged into this CR after this meeting.

**Intended outcome:** 38.331 running CR and remaining essential RRC open issues.

**Deadline:** Long email discussion.

* [POST130][111][MOB] (Vivo)

**Scope:** Update 38.321 running CR (also including this meeting’s agreements and latest other WGs’ inputs) and remaining essential MAC open issues.

**Intended outcome:** 38.321 running CR and remaining essential MAC open issues.

**Deadline:** Long email discussion.

* [POST130][120][MOB] (CATT)

**Scope:** Update UE capability running CRs if needed (also including the latest other WGs’ inputs). And identify and discuss remaining UE capability related open issues.

**Intended outcome:** 38.306 and 38.331 running CR and discussion summary (if needed).

**Deadline:** Long email discussion.

* [POST130][117][MOB] (Nokia)

**Scope:** Discuss issues of coexistence between L1 event triggered MR and mTRP (source cell).

1. Whether to allow coexistence between event triggered MR and mTRP (source cell)?
2. How to define the current beam?

**Intended outcome:** Summary discussion.

**Deadline:** Long email discussion.

* [Post130][210][LPWUS] Running CR for 38.331 (vivo)

Intended outcome: Updated and reviewed the CR for endorsement, update the open issue list if needed, can also discuss open issues to form proposals to the next meeting

Deadline: Long

* [Post130][211][LPWUS] Running CR for 38.304 (CATT)

Intended outcome: Updated and reviewed the CR for endorsement, update the open issue list if needed, can also discuss open issues to form proposals to the next meeting

Deadline: Long

* [Post130][212][LPWUS] Running CR for 37.340 (ZTE)

Intended outcome: Updated and reviewed the CR for endorsement

Deadline: Long

* [Post130][213][LPWUS] Running CR for 38.321 (Apple)

Intended outcome: Updated and reviewed the CR for endorsement, update the open issue list if needed, can also discuss open issues to form proposals to the next meeting

* [Post130][214][LPWUS] Running CR for 38.300 (Ericsson)

Intended outcome: Updated and reviewed the CR for endorsement

Deadline: Long

* [Post130][215][SBFD] Running CR for 38.300 (CATT)

Intended outcome: Updated and reviewed the CR for endorsement

Deadline: Long

* [Post130][216][SBFD] Running CR for 38.331 (Huawei)

Intended outcome: Updated and reviewed the CR for endorsement, update the open issue list if needed, can also discuss open issues to form proposals to the next meeting

Deadline: Long

* [Post130][217][SBFD] Running CR for 38.321 (Samsung)

Intended outcome: Updated and reviewed the CR for endorsement, update the open issue list if needed, can also discuss open issues to form proposals to the next meeting

* [Post130][218][MIMO\_Ph5] Running CR for 38.331 (Ericsson)

Intended outcome: Updated and reviewed the CR for endorsement, update the open issue list if needed, can also discuss open issues to form proposals to the next meeting

Deadline: Long

* [Post130][219][MIMO\_Ph5] Running CR for 38.321 (Samsung)

Intended outcome: Updated and reviewed the CR for endorsement, update the open issue list if needed, can also discuss open issues to form proposals to the next meeting

Deadline: Long

* [Post130][220][MIMO\_Ph5] Running CR for 38.300 (CMCC)

Intended outcome: Updated and reviewed the CR for endorsement

Deadline: Long

* [Post130][221][LPWUS] Running CR for UE capability (Huawei)

Intended outcome: Updated and reviewed the CR for endorsement

Deadline: Long

* [Post130][222][LPWUS] Potential solution to support enabling/disabling LP-WUS monitoring in IDLE/INACTVE per UE (Huawei)

Intended outcome: Summary with proposals

Deadline: Long

* [Post130][301][R19 NR NTN] Stage2 CR (Thales)

Scope: discuss the running Stage 2 CR

Intended outcome: Endorsed CR

Deadline: long

* [Post130][302][R19 NR NTN] RRC CR (Ericsson)

Scope: discuss the running RRC CR

Intended outcome: Endorsed CR and list of remaining open issues

Deadline: long

* [Post130][303][R19 NR NTN] 38.304 CR (ZTE)

Scope: discuss the running 38.304 CR

Intended outcome: Endorsed CR and list of remaining open issues

Deadline: long

* [Post130][304][R19 NR NTN] capability CR (Apple)

Scope: discuss the running capability CR

Intended outcome: Endorsed CR and list of remaining open issues

Deadline: long

* [Post130][305][R19 IoT NTN] Stage2 CR (Ericsson)

Scope: discuss the running Stage 2 CR

Intended outcome: Endorsed CR

Deadline: long

* [Post130][306][R19 IoT NTN] RRC CR (Huawei)

Scope: discuss the running RRC CR

Intended outcome: Endorsed CR and list of remaining open issues

Deadline: long

* [Post130][307][R19 IoT NTN] MAC CR (Mediatek)

Scope: discuss the running MAC CR

Intended outcome: Endorsed CR and list of remaining open issues

Deadline: long

* [Post130][308][R19 IoT NTN] 36.304 CR (Nokia)

Scope: discuss the running 36.304 CR

Intended outcome: Endorsed CR and list of remaining open issues

Deadline: long

* [Post130][309][R19 IoT NTN] capability CR (Qualcomm)

Scope: discuss the running capability CR

Intended outcome: Endorsed CR and list of remaining open issues

Deadline: long

* [Post130][310][IoT NTN TDD] Stage2 CR (Iridium)

Scope: discuss the running Stage 2 CR

Intended outcome: Endorsed CR

Deadline: long

* [Post130][311][IoT NTN TDD] RRC CR (Huawei)

Scope: discuss the running RRC CR

Intended outcome: Endorsed CR and list of remaining open issues

Deadline: long

* [Post130][312][IoT NTN TDD] MAC CR (Toyota)

Scope: discuss the running MAC CR

Intended outcome: Endorsed CR and list of remaining open issues

Deadline: long

* [Post130][313][IoT NTN TDD] 36.304 CR (Xiaomi)

Scope: discuss the running 36.304 CR

Intended outcome: Endorsed CR and list of remaining open issues

Deadline: long

* [Post130][314][IoT NTN TDD] capability CR (Samsung)

Scope: discuss the running capability CR

Intended outcome: Endorsed CR and list of remaining open issues

Deadline: long

* [Post130][401][Relay] Rel-19 relay capability (Samsung)

Scope: Develop draft CRs on relay capability for Rel-19, taking into account meeting agreements and resolving open issues where consensus can be found.

Intended outcome: Draft CRs to 38.306 and 38.331

Deadline: Long

* [Post130][402][Relay] Rel-19 relay service continuity CR to 38.331 (CATT)

Scope: Update the CR in R2-2503430 to take into account agreements of RAN2#130.

Intended outcome: Endorsed draft CR for merge into WI RRC CR before RAN2#131

Deadline: June 20th

* [Post130][403][Relay] Rel-19 relay CR to 38.321 (InterDigital)

Scope: Update the CR in R2-2504153 to take into account agreements of RAN2#130.

Intended outcome: Endorsed CR as a baseline for RAN2#131

Deadline: Long

* [Post130][404][Relay] Rel-19 relay CR to 38.323 (Ericsson)

Scope: Update the CR in R2-2504162 to take into account agreements of RAN2#130.

Intended outcome: Endorsed CR as a baseline for RAN2#131

Deadline: Long

* [Post130][405][Relay] Rel-19 relay CR to 38.304 (MediaTek)

Scope: Update the CR in R2-2504218 to take into account agreements of RAN2#130.

Intended outcome: Endorsed CR as a baseline for RAN2#131

Deadline: Long

* [Post130][406][Relay] Rel-19 relay main CR to 38.331 (Huawei)

Scope: Update the CR in R2-2504271 to take into account agreements of RAN2#130.

Intended outcome: Endorsed draft CR for merge with output of [Post130][402] before RAN2#131

Deadline: June 20th

* [Post130][407][Relay] Rel-19 relay merged CR to 38.331 (Huawei)

Scope: Merge the draft CRs from [Post130][402] and [Post130][406].

Intended outcome: Endorsed CR as a baseline for RAN2#131 and merged open issues list

Deadline: Long (late start to allow [Post130][402] and [Post130][406] to conclude)

* [Post130][408][Relay] Rel-19 relay CR to 38.351 (OPPO)

Scope: Update the CR in R2-2504504 to take into account agreements of RAN2#130.

Intended outcome: Endorsed CR as a baseline for RAN2#131 and open issues list

Deadline: Long

* [Post130][409][Relay] Rel-19 relay CR to 38.300 (LG)

Scope: Update the CR in R2-2504634 to take into account agreements of RAN2#130.

Intended outcome: Endorsed CR as a baseline for RAN2#131

Deadline: Long

* [POST130][504][XR] Stage-2 running CR (Nokia)

Scope:

* Prepare and review the CR
* List open issues related to the CR

Intended outcome:

* Running CR for endorsement in the next meeting
* List of open issues for discussion at the next meeting

Deadline: Long

* [POST130][505][XR] MAC running CR and open issues (Qualcomm)

Scope:

* Update and review the CR
* List open issues related to the CR

Intended outcome:

* Running CR for endorsement in the next meeting
* List of open issues for discussion at the next meeting

Deadline: Long

* [POST130][506][XR] RRC running CR and open issues (Huawei)

Scope:

* Update and review the CR
* List open issues related to the CR

Intended outcome:

* Running CR for endorsement in the next meeting
* List of open issues for discussion at the next meeting

Deadline: Long

* [POST130][507][XR] PDPC running CR and open issues (LGE)

Scope:

* Update and review the CR
* List open issues related to the CR

Intended outcome:

* Running CR for endorsement in the next meeting
* List of open issues for discussion at the next meeting

Deadline: Long

* [POST130][508][XR] RLC running CR and open issues (vivo)

Scope:

* Update and review the CR
* List open issues related to the CR

Intended outcome:

* Running CR for endorsement in the next meeting
* List of open issues for discussion at the next meeting

Deadline: Long

* [POST130][509][XR] UE capabilities CRs (Xiaomi)

Scope:

* Prepare and review the CR
* List open issues related to the CR

Intended outcome:

* Running CR for endorsement in the next meeting
* List of open issues for discussion at the next meeting

Deadline: Long

* [POST130][510][LTE Broadcast] RRC running CR and open issues (Qualcomm)

Scope:

* Prepare and review the CR
* List open issues related to the CR

Intended outcome:

* Running CR for endorsement in the next meeting
* List of open issues for discussion at the next meeting

Deadline: Long

* [POST130][511][LTE Broadcast] MAC running CR and open issues (Samsung)

Scope:

* Prepare and review the CR
* List open issues related to the CR

Intended outcome:

* Running CR for endorsement in the next meeting
* List of open issues for discussion at the next meeting

Deadline: Long

* [Post130][602][Maint] Spatial Relation Info list extension (ZTE)

Scope:

* + - Discuss if/how to update the spec to clarify handling of extension lists.

      Intended outcome:

* + - Agreeable CRs submitted to the next meeting, if needed

     Deadline:

* + - Long
* [Post130][603][SONMDT] Running capability CR (CATT)

Scope:

* + - Update the running CR

      Intended outcome:

* + - Updated running CR to be submitted to next meeting

     Deadline:

* + - Long
* [Post130][604][SONMDT] Running LTE RRC CR (Huawei)

Scope:

* + - Update the running CR

      Intended outcome:

* + - Updated running CR to be submitted to next meeting

     Deadline:

* + - Long
* [Post130][605][SONMDT] Running NR RRC CR (Ericsson)

Scope:

* + - Update the running CR

      Intended outcome:

* + - Updated running CR to be submitted to next meeting

     Deadline:

* + - Long

# Annex C Mandatory CRs

[R2-2503774](file:///C:\Users\mtk16923\Documents\3GPP%20Meetings\202505%20-%20RAN2_130,%20St%20Julians\Extracts\R2-2503774_Missing%20rate%20of%20change%20direction%20of%20azimuth%20&%20elevation%20for%20relative%20velocity(CR%2038355-i50).docx) Missing rate of change direction of azimuth/elevation for relative velocity Xiaomi, Qualcomm, CATT, Huawei, MediaTek Inc., Ericsson CR Rel-18 38.355 18.5.0 0015 1 F NR\_pos\_enh2-Core R2-2501896

* Agreed

The CR is mandatory to implement for UE and network supporting the relative velocity for sidelink positioning.

**NBC CRs:**

Note these were IPA in Wuhan:

[R2-2503887](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_129bis/Docs//R2-2503887.zip) Slot aggregation configuration with multi-PUSCH Nokia CR Rel-17 38.331 17.12.0 5328 1 F NR\_ext\_to\_71GHz-Core [R2-2502920](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_129bis/Docs//R2-2502920.zip)

[R2-2503888](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_129bis/Docs//R2-2503888.zip) Slot aggregation configuration with multi-PUSCH Nokia CR Rel-18 38.331 18.5.1 5329 1 A NR\_ext\_to\_71GHz-Core [R2-2502921](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_129bis/Docs//R2-2502921.zip)

(revised 4844)