**Email discussions after RAN2#118-e**

# Guidelines for email discussions:

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

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 Juha 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 chairman, session chair or Juha before sending the final version.
5. To avoid any confusion, Secretary, chairman, 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.

# Inactive periods

Please see TSG RAN schedule. Weekends are also inactive. As usual it is recommended to not send emails or update files on the server during inactive periods. It is not strictly prohibited. However, no intermediate deadlines, no discussion phase start stop, no interactive discussion 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 be able to fully participate. Rapporteur announcements during the inactive period, if any, can be taken into account after inactive period.

# Short email discussions after R2-118-e, Deadline Friday May 27, 1000 UTC (if not otherwise stated)

**Please request TDoc numbers the following email discussions from MCC if not already allocated**

Approval will be declared at or shortly after the deadline.

* [Post118-e][000] (Chair)

Scope: Email approval of Session Reports. Any issue from R2-118-e for which corrective action may be needed can be raised. Misc planning (e.g. Post email discussions)

Expected Outcome: Updates to chair notes / session notes if needed, Approved Session Reports, updated email discussions list, updated plan for next R2.

Extra Short

* [Post118-e][072][ePowSav] PEI and Subgrouping (Mediatek)

Scope: Address Last Cell issues determine TS changes, determine TS changes needed to support PEI + RedCap.

Intended outcome: Report with TP.

Deadline: Extra Short. Wednesday May 25 1200 UTC

* [POST118-e][105][RedCap] LS on 1RX RedCap UEs (Ericsson)

Scope: Draft the reply LS to RAN4 on 1RX RedCap UEs

Intended outcome: Reply LS in R2-2206504

Deadline (for companies' feedback): Tuesday 2022-05-24 20:00 UTC

Deadline (for final LS): Wednesday 2022-05-25 10:00 UTC

* [POST118-e][108][NTN] capabilities CRs (Intel)

Scope: Update the UE capability CRs, reflecting the meeting agreements

Intended outcome: Endorsable UE capability CRs in R2-2206613 and R2-2206614

Deadline (for companies' feedback): Tuesday 2022-05-24 20:00 UTC

Deadline (for final CRs): Wednesday 2022-05-25 10:00 UTC

Short

* [Post118-e][022][NR1516] Idle/Inactive mode (Ericsson)

Scope: From AT118-e 022 check remaining CRs

Intended outcome: Agreed CRs

Deadline: Short.

* [Post118-e][023][NR17] RRC (Ericsson)

Scope: Continue [AT118-e][023], take into account P1 from R2-2206567 and other general of cross-WI issues.

Intended outcome: Report if needed. Agreed CR

Deadline: Short

* [Post118-e][025][NR17] RRC issues (Huawei)

Scope: Continuation [AT118-e][025] on remaining parts

Intended outcome: endorsed TPs, agreed CR (if any)

Deadline: Short (note that TPs for merge need to be ready earlier such that the resulting CR can be agreed)

* [Post118-e][026][NR17] UE caps main (Intel)

Scope: Continue the AT-meeting progress, Merge agreed WI specific draft CRs etc.

Intended outcome: Agreed Mega CRs.

Deadline: Short

* [Post118-e][031][MBS] MAC CR (OPPO)

Scope: MAC CR capturing agreements

Intended outcome: Agreed CR

Deadline: Short.

* [Post118-e][032][MBS] PDCP CR (Xiaomi)

Scope: PDCP CR impl agreements

Intended outcome: Agreed CR

Deadline: Short

* [Post118-e][051][IoT NTN] 38304 CR (Ericsson)

Scope: CR implemeting agreements and corrections

Intended outcome: agreed CR

Deadline: Short

* [Post118-e][055][IOT NTN] Stage-2 CR 36300 (Ericsson)

Scope: Allow opposing company to engage in detailed technical discussion to enhance the quality of the CR (if possible).

Intended outcome: Agreed CR

Deadline: Short.

* [Post118-e][056][IOT NTN] RRC CR 36331 (Huawei)

Scope: Make a WI RRC CR reflecting progress of current meeting.

Intended outcome: Agreed CR

Deadline: Short

* [Post118-e][064][eIAB] RRC (Ericsson)

Scope: RRC CR

Intended outcome: Agreed CR

Deadline: Short

* [Post118-e][065][eIAB] MAC (Samsung)

Scope: MAC CR

Intended outcome: Agreed CR

Deadline: Short

* [Post118-e][071][ePowSav] RRC (CATT)

Scope: RRC CR

Intended outcome: Agreed CR

Deadline: Short

* [Post118-e][076][feMIMO] RRC (Ericsson)

Scope: RRC CR.

Intended outcome: Agreed RRC CR

Deadline: Short

* [Post118-e][077][feMIMO] MAC (Samsung)

Scope: MAC CR.

Intended outcome: Agreed MAC CR

Deadline: Short

* [Post118-e][078][QoE] RRC (Ericsson)

Scope: LS out, RRC CR

Intended outcome: Approved LS out, Agreed RRC CR

Deadline: Short

* [Post118-e][081][TEI17] Early Measurements for EPS fallback (vivo)

Scope: Resolve the FFS of the meaning of the bit (if possible) Update and agree CR

Intended outcome: Report if needed, Agreed CR

Deadline: Short

* [Post118-e][082][TEI17] RRC Segmentation capability for UE capability report (Huawei)

Scope: CR approval

Intended outcome: Agreed CRs

Deadline: Short

* [Post118-e][083][TEI17] Flexible gNB ID length (Ericsson)

Scope: CR approval. Update 3x.306 CRs to reflect agreement, allow continued checking of the other CRs.

Intended outcome: CRs (agreed)

Deadline: Short

* [Post118-e][084][IOT NTN] UE capabilities (Nokia)

Scope: Continuation of [AT118-e][084] with focus on the CR, TP, LS

Intended outcome: CR to 36306 (agreed), TP to 36331 (merge with 331 CR), LS out to SA2 (approved).

Deadline: Short (note that TP need to be ready earlier, for merge).

* [Post118-e][085][MGE] RRC CR (MediaTek)

Scope: take into account progress decisions and corrections, make Wi RRC CR

Intended outcome: Agreed CR

Deadline: Short.

* [Post118-e][086][IOT NTN] MAC CR (MediaTek)

Scope: MAC CR impl agreements

Intended outcome: Agreed MAC CR

Deadline: Short

* [Post118-e][087][MBS] 38300 CR (ZTE)

Scope: Stage-2 CR, reflecting agreements, take into acct Stage-2 LS from R1

Intended outcome: Agreed 38300 CR

Deadline: Short

* [Post118-e][088][NR151617] RRC Misc non-controversial corrections (Ericsson)

Scope: Miscellaneous non-controversial corrections Set IX, Rel-15 CR, Rel-16 CR. Including merges etc. Include a Rel-17 (shadow CR?)

Intended outcome: Agreed CRs

Deadline: Short

* [Post118-e][089][ePowSav] 38304 CR (vivo)

Scope: Determine needed corrections, and reflect decisions, update CR

Intended outcome: Agreed CR

Deadline: Short

* [Post118-e][090][ePowSav] 38300 CR (Huawei)

Scope: Determine needed corrections, and reflect decisions, update CR

Intended outcome: Agreed CR

Deadline: Short

* [Post118-e][091][ePowSav] 37340 CR (Xiaomi)

Scope: Converge on the scope for a CR to 37340, agree CR (if possible)

Intended outcome: Agreed Cat F CR

Deadline: Short

* [Post118-e][092][MBS] RRC CR (Huawei)

Scope: Make the WI RRC CR. Include agreements and corrections.

Intended outcome: Agreed 38331 CR

Deadline: Short

* [Post118-e][093][NR1516] bwp-SwitchingDelay conditionally mandatory capability 38306 R17 mirror CR (Qualcomm)

Scope: Add missing R17 mirror CR (Cat A)

Intended outcome: Agreed CR

Deadline: Tue May 31 0659 UTC

* [Post118-e][094][NR17] NR RRC ASN1 review conclusion (Ericsson)

      Scope: RRC CR rapporteurs to report final status for RILs. Identify remaining items for R2 119-e, if any.

      Intended outcome: RIL excel sheet with outcome status + comments on what remains, for those RILs not completely addressed in R2 118-e (if any).

      Deadline: June 3.

* [POST118-e][101][NTN] RRC CR (Ericsson)

Scope: Update the 38.331 CR reflecting the meeting agreements

Intended outcome: Agreeable 38.331 CR in in R2-2206502

Deadline (for companies' feedback): Thursday 2022-05-26 20:00 UTC

Deadline (for final CR): Friday 2022-05-27 10:00 UTC

* [POST118-e][102][RedCap] RRC CR (Ericsson)

Scope: Update the 38.331 CR reflecting the meeting agreements

Intended outcome: Agreeable 38.331 CR in in R2-2206215

Deadline (for companies' feedback): Thursday 2022-05-26 20:00 UTC

Deadline (for final CR): Friday 2022-05-27 10:00 UTC

* [POST118-e][104][NTN] MAC CR (Interdigital)

Scope: Update the 38.321 CR reflecting the meeting agreements

Intended outcome: Agreeable 38.321 CR in R2-2206503

Deadline (for companies' feedback): Thursday 2022-05-26 20:00 UTC

Deadline (for final CR): Friday 2022-05-27 10:00 UTC

* [POST118-e][111][NTN] 38.304 CR (ZTE)

Scope: Update the 38.304 CR, reflecting the meeting agreements

Intended outcome: Agreeable 38.304 CR in R2-2206500

Deadline (for companies' feedback): Thursday 2022-05-26 20:00 UTC

Deadline (for final CR): Friday 2022-05-27 10:00 UTC

* [POST118-e][115][RedCap] 38.304 CR (Samsung)

Scope: Update the 38.304 CR based on R2-2206216, reflecting the meeting agreements

Intended outcome: Agreeable 38.304 CR in R2-2206706

Deadline (for companies' feedback): Thursday 2022-05-26 20:00 UTC

Deadline (for final CR): Friday 2022-05-27 10:00 UTC

* [POST118-e][116][RedCap] MAC aspects (vivo)

Scope: Update 38.321 CR, reflecting the meeting agreements

Intended outcome: Agreeable MAC CR in R2-2206217

Deadline (for companies' feedback): Thursday 2022-05-26 20:00 UTC

Deadline (for final CR): Friday 2022-05-27 10:00 UTC

* [Post118-e][235][NR] LS to CT1/SA2 on NAS busy indication (Samsung)

Scope: Provide LS to CT1/SA2 on RAN2 agreements for the NAS busy indication.

Intended outcome: Approved LS

Deadline: Short

* [Post118-e][202][LTE] Final LTE QoE correction CRs (Google)

Scope: Finalize the CRs discussed in [AT118-e][202].

Intended outcome: Agreeable LTE RRC CRs in [R2-2206187](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_118-e/Docs/R2-2206187.zip), [R2-2206188](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_118-e/Docs/R2-2206188.zip) and [R2-2206189](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_118-e/Docs/R2-2206189.zip).

Deadline: Short

* [Post118-e][203][LTE] LTE Rel-17 RIL list (Samsung)

Scope: Provide final LTE Rel-17 RIL.

Intended outcome: Endorsed RIL list.

Deadline: Short

* [Post118-e][210][71 GHz] Final RRC correction CRs for 71 GHz (Ericsson)

Scope: Finalize RRC corrections to 71 GHz WUI based on online decisions and latest status of RRC discussion in [R2-2206177](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_118-e/Docs/R2-2206177.zip) and [R2-2206364](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_118-e/Docs/R2-2206364.zip). Can also consider late RAN1 requests if RAN1 LS arrives on time.

Intended outcome: Agreed LTE and NR RRC CRs.

Deadline: Short

* [Post118-e][220][DCCA] RRC corrections to DCCA (Huawei)

Scope: Finalize LTE/NR RRC correction CRs to DCCA based on online agreements and latest CRs in [R2-2206162](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_118-e/Docs/R2-2206162.zip) and [R2-2206163](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_118-e/Docs/R2-2206163.zip).

Intended outcome: Agreed LTE and NR RRC CRs

Deadline: Short

* [Post118-e][221][DCCA] 37.340 corrections to DCCA (ZTE)

Scope: Review the endorsed CR [R2-2206704](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_118-e/Docs/R2-2206704.zip) and provide final agreed CR.

Intended outcome: Agreed CR.

Deadline: Short

* [Post118-e][222][DCCA] MAC corrections to DCCA (Nokia)

Scope: Finalize MAC correction CR to DCCA based on online agreements and latest CRs in [R2-2206375](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_118-e/Docs/R2-2206375.zip). Include also MAC changes from email discussion [223].

Intended outcome: Agreed MAC CR

Deadline: Short

* [Post118-e][226][DCCA] Corrections for TRS-based Scell activation (Samsung)

Scope: Final check of the CRs in [R2-2206369](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_118-e/Docs/R2-2206369.zip) and [R2-2206370](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_118-e/Docs/R2-2206370.zip).

Intended outcome: Agreed CRs

Deadline: Short

* [Post118-e][240][Slicing] Finalizing RRC CR for RAN slicing (Huawei)

Scope: Finalize NR RRC CR for RAN slicing based on online decisions and latest status of RRC discussion in [R2-2206172](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_118-e/Docs/R2-2206172.zip).

Intended outcome: Agreed NR RRC CR

Deadline: Short

* [Post118-e][242][Slicing] Final 38.304 CR for RAN slicing (NEC)

Scope: Update [R2-2206373](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_118-e/Docs/R2-2206373.zip) based on latest online decisions.

Intended outcome: Agreed 38.304 CR

Deadline: Short

* [Post118-e][243][Slicing] MAC CR to RAN slicing (Samsung)

Scope: Finalize MAC CR based on [R2-2206175](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_118-e/Docs/R2-2206175.zip) and online agreements. Should consider procedure text how UE identifies slice-specific RACH

Intended outcome: Agreed CR

Deadline: Short

* [Post118-e][301][NBIOT/eMTC R17] 36.331 CR (Qualcomm)

**Scope:** agree the correction CR

**Intended outcome:** agreed CR in R2-2206271

**Deadline:** short

* [Post118-e][302][NBIOT/eMTC R17] 36.304 CR (Nokia)

**Scope:** agree the correction CR

**Intended outcome:** agreed CR in R2-2206272

**Deadline:** short

* [POST118-e][501][Sdata] CP Open issues and CR to 38.331 (ZTE)

CP open issues and CR capturing agreed corrections

Deadline: short deadline

* [POST 118-e][502][Sdata] UP open issues and CR to 38.321 (Huawei)

UP open issues and CR capturing agreed corrections

Deadline: short deadline

* [POST118-e][507][RA Part] CP open issues and CR 38.331 (Ericsson)

      CP open issues and CR capturing agreed corrections

Deadline: short deadline

* [POST118-e][508][RA Part] UP open issues and CR 38.321 (ZTE)

      UP open issues and CR capturing agreed corrections

Deadline: short deadline

* [POST118-e][512][SData] LS to RAN1 (ZTE)
* [Post118-e][601][TEI17] NMEA GGA sentence info (Ericsson)

Scope: Review the CR in R2-2206444 and determine what parts are agreeable.

Intended outcome: Agreed CR

Deadline: Short (for RP)

* [Post118-e][602][POS] 38.331 positioning CR (Ericsson)

Scope: Update and check the CR in R2-2206246.

Intended outcome: Agreed CR

Deadline: Short (for RP)

* [Post118-e][603][POS] 37.355 positioning CR (Qualcomm)

Scope: Update and check the CR in R2-2206247.

Intended outcome: Agreed CR

Deadline: Short (for RP)

* [Post118-e][604][POS] 38.321 positioning CR (Huawei)

Scope: Update and check the CR in R2-2206248

Intended outcome: Agreed CR

Deadline: Short (for RP)

* [Post118-e][605][Relay] 38.331 relay CR (Huawei)

Scope: Update and check the CR in R2-2206231 to take account of decisions of this meeting.

Intended outcome: Agreed CR

Deadline: Short (for RP)

* [POST118-e][713][V2X/SL] RRC CR (Huawei)

**Scope:** Prepare RRC CR capturing the agreements made this meeting. Note endorsed CR/TP will be merged.

**Intended outcome:** Agree 38.331 CR in R2-2206318. Email approval.

**Deadline:** Short email discussion

* [POST118-e][714][V2X/SL] MAC CR (LG)

**Scope:** Prepare MAC CR capturing the agreements made this meeting. Note endorsed CR/TP will be merged.

**Intended outcome:** Agree 38.321 CR in R2-2206319. Email approval.

**Deadline:** Short email discussion

* [POST118-e][715][V2X/SL] Stage 2 CR (InterDigital)

**Scope:** Prepare stage 2 CR capturing the agreements made this meeting. Note corrections in R2-2205952 and R2-2205269 can be also discussed.

**Intended outcome:** Agree 38.300 CR in R2-2206320. Email approval.

**Deadline:** Short email discussion

* [POST118-e][716][V2X/SL] LS related to P10 in R2-2206310 (Vivo)

**Scope:** Prepare LS to RAN1.

**Intended outcome:** Approve LS in R2-2206316. Email approval.

**Deadline:** Short email discussion

* **[Post118-e][801][SON/MDT] Summary of RILs discussion (Ericsson, Huawei)**

Continue [AT118-e][801]

For 4th round: running the big CR to capture all the agreements on RILs from this meeting. Please don’t forget the agreed changes in 5.4.

4th round Intended outcome: Endorsed running CR

4th round Deadline: 13:57 UTC, Wed May 25th

# Long email discussions after R2-118-e, Deadline: TBD

**Outcome tdocs for long email discussions shall be submitted to RAN2 119-e (next meeting). Please request tdoc numbers as for any other input tdoc to next meeting, i.e. by 3GU**

* [Post118-e][227][DCCA] Resolving E022 and E023 for CPAC (Huawei)

Scope: Further discuss P1-5 from [R2-2206368](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_118-e/Docs/R2-2206368.zip) and determine the resoution to ASN.1 review issues E023 and E022. Also provide CR capturing the agreeable changes.

Intended outcome: Discussion report and agreeable CR(s).

Deadline: Long