**Email discussions after RAN2#109bis e**

# Guidelines for email discussions:

**General guidelines for email discussions, to be concluded approved endorsed etc at current meeting (very short or 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 at least 24 hours 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 (can be via reflector or a direct email). 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 me 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. Please respect any intermediate deadline indicated by the rapporteur, and preferably provide your feedback as soon as possible.

**For company initiated discussions:**

1. A company initiated discussion is a discussion on the R2 reflector with no rapporteur, no intended outcome and no deadline. The result of a company initiated discussion, if any, does not have any particular status in RAN2, i.e. it is not prioritized, and will indeed be counted against tdoc limitation of the author company.

**Email Discussion Numbering:**

Numbering 000-899 indicates continuation of the AT-meeting emails, numbering 900-999 indicates a number allocated after the meeting and might not be a continuation of an AT-meeting email discussion.

# Very Short email discussions after R2-109bis-e, RRC endorsed CRs, Wednesday May 6th 23.59 PST.

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

NOTE The deadline is set early, in order to have CRs endorsed to create the new RRC review baseline. For some of the CRs, it will be difficult to meet the deadline of May 6th. For those, the deadline can be extended to May 7th or May 8th (at rapporteur’s discretion).

NOTE2 For items that cannot be endorsed/agreed in time, it is up to each email discussion what to include in the CR and what to list as open issue for continued discussion. Additional continuation objectives with later deadlines may be added.

NOTE3 Some of these email discussions will continue with multiple objectives/deadlines.

* [Post109bis-e][021][IAB] RRC CRs (Ericsson)

 Scope: CR update after R2-109bis-e capturing meeting agreements.
Intended outcome: Endorsed RRC CR
Deadline: Very Short

* [Post109bis-e][027][IIOT] RRC CRs (Ericsson)

 Scope: CR update after R2-109bis-e capturing meeting agreements.
Intended outcome: Endorsed RRC CR
Deadline: Very Short

* [Post109bis-e][032][DCCA] RRC CRs (Ericsson)

 Scope: CR update after R2-109bis-e capturing meeting agreements.
Intended outcome: Endorsed RRC CR
Deadline: Very Short

* [Post109bis-e][056][OdSIBconn] On demand SI CR (Ericsson)

 Scope: CR update after R2-109bis-e capturing meeting agreements. taking R2-2003836, R2-2004245 and R2-2004209 into account.
Intended outcome: Endorsed RRC CR
Deadline: Very Short

* [Post109bis-e][305][NBIOT] 36.331 CR (Huawei)

      Scope: Update the CR with agreements from this meeting.

      Intended outcome: Endorsed CR 36.331 in R2-2004040
Deadline: Very Short

* [Post109bis-e][408][eMTC]  36.331 CR (Qualcomm)

      Scope: Update the CR, i.e., address the open issues and capture the agreements from this meeting.

      Intended outcome: Endorsed CR 36.331 in R2-2003923
Deadline: Very Short

* [Post109bis-e][501][NR-U] CR 38.331 and ASN.1 issues (Qualcomm)

Part 1: Scope: CR update after R2-109bis-e capturing meeting agreements.
Intended outcome: Endorsed RRC CR
Deadline: Very Short

Part 2: RRC Issues

Intended outcome: Issues and solutions
Deadline: ASN1.review schedule

* [Post109bis-e][508][NR-U] CR 36.331 (Qualcomm)

 Scope: CR update after R2-109bis-e capturing meeting agreements.
Intended outcome: Endorsed RRC CR
Deadline: Very Short

* [Post109bis-e][504][PowSav] RRC CR 38.331 and ASN.1 Issues (Mediatek)

 Part 1: Scope: CR update after R2-109bis-e capturing meeting agreements.
Intended outcome: Endorsed RRC CR
Deadline: Very Short
Part 2: RRC Issues
Intended outcome: Issues and solutions
Deadline: ASN1.review schedule

* [Post109bis-e][507][2s RA] RRC CR 38.331 and ASN.1 issues (Ericsson)

 Part 1: Scope: CR update after R2-109bis-e capturing meeting agreements.
Intended outcome: Endorsed RRC CR
Deadline: Very Short
Part 2: RRC Issues
Intended outcome: Issues and solutions
Deadline: ASN1.review schedule

* [Post109bis-e][900][MDTSON] CR to 38.331 (Huawei, Ericsson)

 Part 1: Scope: CR update after R2-109bis-e capturing meeting agreements. Merge all the related agreed changes of 38.331 into one agreeable CR
Intended outcome: Endorsed RRC CR
Deadline: Very Short
Part 2: RRC Issues, the status of Current RIL issues.
Intended outcome: Issues and solutions
Deadline: Current RIL issues – Short. New issues – solutions etc - ASN1.review schedule

* [Post109bis-e][901][NR MOB] NR RRC CR (Intel)

Scope: NR RRC CR for NR mobility WI capturing changes agreed in this meeting
Intended outcome: Endorsed RRC CR
Deadline: Very Short

* [Post109bis-e][902][NR/LTE MOB] LTE RRC CRs (Ericsson)

      Scope: LTE mobility RRC CRs for LTE mobility and NR mobility WIs capturing changes agreed in this meeting
Intended outcome: Endorsed RRC CR
Deadline: Very Short

* [Post109bis-e][903][eMIMO] RRC CR (Ericsson)

      Scope: Endorsed RRC CR taking meeting agreements into account, as well as the RAN1 feedback in [R2-2004251](file:///C%3A%5CData%5C3GPP%5CRAN2%5CInbox%5CR2-2004251.zip)
Intended outcome: Endorsed RRC CR in R2-2003910
Deadline: Very Short

* [Post109bis-e][904][PRN] RRC CR (Nokia)

      Scope: Endorsed RRC CR taking meeting agreements into account
Intended outcome: Endorsed RRC CR in R2-2002658
Deadline: Very Short

* [Post109bis-e][964][URLLC] RRC CR (Huawei)

      Scope: Endorsed RRC CR taking meeting agreements into account (incl RIL progress)
Intended outcome: Endorsed RRC CR
Deadline: Very Short

* [Post109bis-e][965][POS] RRC CR (Ericsson)

      Scope: Endorsed RRC CR taking meeting agreements into account (incl RIL progress)
Intended outcome: Endorsed RRC CR
Deadline: Very Short

# Short email discussion, after R2-109bis-e, Tuesday May 12th 23.59 PST

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

* [Post109bis-e][000] Organizational (Chair)

 Scope: Session reports endorsements. Updates of thing missed at R2-109bis-e. Refinement of schedules towards next meeting.
No particular deadlines, but will be closed when short email discussions are closed.

* [Post109bis-e][029][IIOT] PDCP CRs 38.323, 36.323 (LG)

 Scope: CR update after R2-109bis-e capturing meeting agreements (the CRs are already available).
Intended outcome: Endorsed CRs
Deadline: Short

* [Post109bis-e][031][IIOT] UE capabilities CRs 38.306, 36.306 (38.822) (Nokia)

 Scope: CR update after R2-109bis-e capturing meeting agreements.
Intended outcome: Endorsed CRs
Deadline: Short

* [Post109bis-e][048][TEI16] 5G Indicator (Intel)

 Scope: Treat papers above on 5G indicator. If convergence is difficult, this may be treated on-line.
Intended outcome: Agreed solution in Agreed-in-principle CRs
Deadline: Short

* [Post109bis-e][049][TEI16] Need for Gap LS (Mediatek)

 Scope: LS out to RAN4, based on discussion in AT109bis-e [049]
Intended outcome: Approved LS
Deadline: Short

* [Post109bis-e][061][NR16] LS on Conflicting configurations (Huawei)

 Scope: Based on R2-2003626 and discussion, make an LS to R1 asking about intentions whether potentially conflicting/potentially similar features can be or are intended to be configured together.
Intended outcome: Approved LS
Deadline: Short

* [Post109bis-e][304][NBIOT] 36.300 CR (Huawei)

      Scope: Update the CR with agreements from this meeting.

      Intended outcome: baseline CR for updating 36.300 in R2-2004039

      Deadline: Short

* [Post109bis-e][307][NBIOT] 36.304 CR (Nokia)

      Scope: Update the CR with agreements from this meeting, including WUS TP.

      Intended outcome: baseline CR for updating 36.304 in R2-2004042

      Deadline: Short

* [Post109bis-e][308][NBIOT] 36.321 CR  (Ericsson)

      Scope: Update the CR with agreements from this meeting.

      Intended outcome: baseline CR for updating 36.321 in R2-2004043

      Deadline: Short

* [Post109bis-e][309][NBIOT] 36.306 CR  (Blackberry)

      Scope: Update the CR with agreements from this meeting.

      Intended outcome: baseline CR for updating 36.306 in R2-2004044

      Deadline: Short

* [Post109bis-e][403][eMTC]  36.300 CR (Intel)

 Scope: Update the CR, i.e., address the open issues and capture the agreements from this meeting.

      Intended outcome: Baseline CR to update TS 36.300 in R2-2003918

      Deadline: Short

* [Post109bis-e][404][eMTC]  36.302 CR (ZTE)

      Scope: Update the CR, i.e., address the open issues and capture the agreements from this meeting.

      Intended outcome: Baseline CR to update TS 36.302 in R2-2003919

      Deadline: Short

* [Post109bis-e][405][eMTC]  36.304 CR (Nokia)

      Scope: Update the CR, i.e., address the open issues and capture the agreements from this meeting.

      Intended outcome: Baseline CR to update TS 36.304 in R2-2003920

      Deadline: Short

* [Post109bis-e][406][eMTC]  36.306 CR (Huawei)

      Scope: Update the CR, i.e., address the open issues and capture the agreements from this meeting.

      Intended outcome: Baseline CR to update TS 36.306 in R2-2003921

      Deadline: Short

* [Post109bis-e][407][eMTC]  36.321 CR (Ericsson)

      Scope: Update the CR, i.e., address the open issues and capture the agreements from this meeting.

      Intended outcome: Baseline CR to update TS 36.321 in R2-2003922

      Deadline: Short

* [Post109bis-e][502][NR-U] Running MAC CR (Ericsson)

 Scope: CR update after R2-109bis-e capturing meeting agreements.
Intended outcome: Endorsed CR
Deadline: Short

* [Post109bis-e][505][PowSav] 38.304 CR for Power Saving (Vivo)

 Scope: CR update after R2-109bis-e capturing meeting agreements.
Intended outcome: Endorsed CR
Deadline: Short

* [Post109bis-e][506][PowSav] MAC CR for Power Saving  (Huawei)

 Scope: CR update after R2-109bis-e capturing meeting agreements.
Intended outcome: Endorsed CR
Deadline: Short

* [Post109bis-e][905][IAB] LS on UAC (Ericsson)

 Scope: LS to RAN3/SA2/CT1 informing them that IAB-MT does not support UAC.
Intended outcome: Approved LSout,
Deadline: Short

* [Post109bis-e][906][IAB] IAB NPN (Kyocera)

 Scope: Conclude the NPN discussion with agreed TS impact, Includes LS to RAN3/SA2/CT1 to inform them what RAN2 will support for IAB
Intended outcome: Report with TP, Approved LS out.
Deadline: Short

* [Post109bis-e][907][POS] LS to RAN4 on positioning SRS during DRX inactive period (Huawei)

      Scope: Draft an LS to RAN4 indicating that RAN2 have discussed allowing transmission of Rel-16 SRS for positioning during the DRX inactive period, and asking if it is feasible from RAN4 perspective.

      Intended outcome: Approved LS

      Deadline: Short

* [Post109bis-e][909][MDTSON] CR to 37.320 (CMCC, Nokia)

 Scope: Merge all the related agreements into one CR

 Intended outcome: Endorsed CR

 Deadline: Short

* [Post109bis-e][910][MDTSON] CR to 38.314 (CMCC)

 Scope: Merge all the related agreed changes of 38.314 into the endorsed running CR

 Intended outcome: endorsed running CR

 Deadline: Short

* [Post109bis-e][911][IIOT] Stage-2 CRs 38300 36300 (Nokia)

 Scope: CR update after R2-109bis-e capturing meeting agreements.
Intended outcome: Endorsed CRs
Deadline: Short

* [Post109bis-e][912][IIOT] Stage-2 CR 37340 (Huawei)

 Scope: CR update after R2-109bis-e capturing meeting agreements. Start from TP in R2-2003534.
Intended outcome: Endorsed CR
Deadline: Short

* [Post109bis-e][913][IIOT] MAC CR and remaining issues (Samsung)

Part 1: Scope: CR update after R2-109bis-e capturing meeting agreements.
Intended outcome: Endorsed CR
Deadline: Short
Part 2 Scope: Remaining MAC Issues, Closest N determination, CG Type 1 continuation after BWP switch, already de-prioritized uplink grant after high-priority data arrival,
Deadline: Long

* [Post109bis-e][914][eMIMO] MAC CRs (Samsung)

 Scope: CR update after R2-109bis-e capturing meeting agreements.
Intended outcome: Endorsed CRs in R2-2003911
Deadline: Short

* [Post109bis-e][915][PRN] 38304 CR (Qualcomm)

 Scope: CR update after R2-109bis-e capturing meeting agreements.
Intended outcome: Endorsed CRs in R2-2003908
Deadline: Short

* [Post109bis-e][916][PRN] Reply LS to CT1 (Nokia)

 Scope: Reply LS to CT1 for the question in [R2-2004178](file:///C%3A%5CData%5C3GPP%5CRAN2%5CInbox%5CR2-2004178.zip).
Intended outcome: Approved LS
Deadline: Short

* [Post109bis-e][917][NBIOT/eMTC] Update RAN2 agreements for Rel-16 additional enhancements for NB-IoT and MTC (Blackberry)

      Scope: Update the agreements document

      Intended outcome: Endorsed report in R2-2004058

      Deadline: Short

* [Post109bis-e][918][eMTC] LS on early eMTC UE capability retrieval (Qualcomm)

      Scope: Draft LS on early eMTC UE capability retrieval to SA2, RAN3 cc: CT1, SA3

      Intended outcome: approved LS in [R2-2003935](http://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_109bis-e/Docs/R2-2003935.zip)

      Deadline: Short

* [Post109bis-e][919][eMTC] Reply LS on suspension indication to NAS (Qualcomm)

      Scope: Draft reply LS on suspension indication to NAS to CT1

      Intended outcome: approved LS in [R2-2003936](http://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_109bis-e/Docs/R2-2003936.zip)

      Deadline: Short

# Long / Next meeting email discussions, after R2-109bis-e, Wednesday May 20th 23.59 PST (if not otherwise stated)

**Please request TDoc numbers and submit tdocs by 3GU**

* [NR Rel-16] 38331 ASN1 \* (Ericsson)

 Scope: NR ASN.1 review. Handling of issues etc.
Intended outcomes and Deadlines : See ASN.1 review time plan. Last endorsed version in R2-2003869.

* [LTE Rel-16] 36331 ASN1 \* (Samsung)

 Scope: EUTRA ASN.1 review. Handling of issues etc.
Intended outcomes and Deadlines : See ASN.1 review time plan. Last endorsed version in R2-2003869.

* [Post109bis-e][019][IAB] BAP (Huawei)

 Scope: Update running CR with latest RAN3 agreement on bearer mapping, DL mapping, UL mapping. Including discussion on terminology/notation on the various identifiers to sync up between RAN2 and RAN3 TSs. Review for issue identification and corrections.
Intended outcome: Agreeable CR update, Report.
Deadline : Next meeting.

* [Post109bis-e][020] IAB MAC (Samsung)

 Scope: Address anything open and corrections for IAB.
Intended outcome: Agreeable CR update
Deadline: Next meeting

AgreeableNext Meeting

* [Post109bis-e][045][R16 Other] UL TX Switching-NR\_FR1 (China Telecom)

 Scope: Make progress, pave the way for desicions needed to close this issue, take into account R1 LS (and R4 LS). Proponents could provide CR variants for review.
Intended outcome: Report
Deadline: Next meeting

* [Post109bis-e][050][TEI16] Overheating (Huawei)

 Scope: Continue the discussion in AT109bis-e [050], pave the way for agreements
Intended Outcome: Report
Deadline: Next Meeting

* [Post109bis-e][051][TEI16] EN-DC cell reselection (CMCC)

 Scope: RRC CR
Intended Outcome: agreeable CR
Deadline: Next meeting

* [Post109bis-e][054][TEI16] Secondary DRX (Ericsson)

 Scope: Treat LS from R1 (and R4 if received), and input papers to R2-109-bis-e on Secondary DRX, to pave the way for agreements.
Intended Outcome: Report
Deadline: Next meeting

* [Post109bis-e][064][NR15] XDD FRX differentiation (Qualcomm)

 Scope: First priority, clarify clarify the behaviour of the current UE capability signalling for xDD FRx differentiation, including identification of the problematic case that the current signalling does not allow the UE to signal. Second priority, if progress is good/fast, can discuss which actions should be taken, ways forward.
Intended outcome: Report.
Deadline: Next meeting

 Agreeable RRC Draft CR.

Next Meeting

* [Post109bis-e][920][IAB] RRC 2 (Ericsson)

 Scope: Open issues including Solutions (including ASN.1 RIL handling)
The open issues presently include: Impact from agreements by RAN3#107e-bis: IP signaling, others. See Rap summary of RAN3 agreements. Barring of intraFreqReselection field description in MIB for IAB-MT. Proposal 5 of UP offline at 109bis-e, Corrections/clarifications, e.g., on defaultUL-BH-RLC-Channel-r16, bh-RLC-ChannelToReleaseList-r16 pointed out by Nok (Dawid) etc
Intended outcome: Agreeable CR updates, Report.
Deadline: Next meeting + follow ASN.1 review deadlines

* [Post109bis-e][921][NR15] CRs for FR2 CA Fallback (Apple)

 Scope: Based on R2-2002803, R2-2002804, produce CRs that can be technically endorsed.
Intended outcome: Endorsable CRs
Deadline: Next Meeting

* [Post109bis-e][922][NR15] Default values for UE capability (Nokia)

 Scope: Continue discussion from AT109bis-e [013], pave the way for agreements.
Intended outcome: Report
Deadline: Next meeting

* [Post109bis-e][923][NR15] clarification on codebook parameters for 2-32 (Huawei)

 Scope: Continue discussion from AT109bis-e [013], pave the way for agreements.
Intended outcome: Report
Deadline: Next meeting

* [Post109bis-e][924][NR15] unnecessary FRx differentiation (ZTE)

 Scope: Continue discussion of R2-2002696. Try to come to common understanding on the meaning of “FDD-TDD DIFF” and “FR1-FR2 DIFF” columns for “per frequency band” capabilities in TS38.306.
Intended outcome: Report, Agreeable CR, if any change to the specification is deemed necessary
Deadline: Next Meeting

* [Post109bis-e][925][IAB] UE Cap (Nokia)

 Scope: Characterization of minimum set of mandatory Rel-15 UE features for wide-range MT, discuss need for signalling options.
Intended outcome: Report.
Deadline : Next meeting.

* [Post109bis-e][926][DCCA] Uplink power control for NR-NR Dual-Connectivity (Apple)

 Scope : introduction of/modification of inter-node signalling to support what is decribed in R2-2002517
Outcome : Report
Deadline : Next meeting

* [Post109bis-e][927][NR MOB] Stage-2 CR (Intel)

      Intended outcome: 38.300 CR for NR mobility WI (including T312, CPC) based on updates from RAN2#109bis-e

      Deadline: Long (until next meeting)

* [Post109bis-e][928][LTE MOB] Stage-2 CR (China Telecom)

      Intended outcome: 36.300 CR for LTE mobility WI based on updates from RAN2#109bis-e

      Deadline: Long (until next meeting)

* [Post109bis-e][929][NR MOB] Stage-2 CR for CPC (CATT)

      Intended outcome: 37.340 CR for NR mobility on CPC based on updates from RAN2#109bis-e

      Deadline: Long (until next meeting)

* [Post109bis-e][930][NR MOB] UE capabilities for NR mobility (Intel)

      Intended outcome: Discuss remaining issues with UE capabilities for NR mobility based on RAN1 input and updates from RAN2#109bis-e (if any)

      Deadline: Long (until next meeting)

* [Post109bis-e][931][LTE MOB] UE capabilities for NR mobility (China Telecom)

      Intended outcome: Discuss remaining issues with UE capabilities for LTE mobility based on RAN1 input and updates from RAN2#109bis-e (if any)

      Deadline: Long (until next meeting)

* [Post109bis-e][932][LTE/NR/ASN.1]  Resolution to review issues S003, S005, B002, S046 (Samsung/Ericsson)

 Discuss how to resolve the review issues S003/S006/B002/S046 and identify how the cross-RAT IE usage should work.

      Intended outcome: Discussion report and CRs to 36.331 (Samsung) and 38.331 (Ericsson)

      Deadline:  Long (until next meeting)

* [Post109bis-e][933][eMIMO] RRC Open Issues (Ericsson)

      Intended outcome: Summary, updated RRC CR, RRC RILs

      Deadline: Next Meeting, ASN.1 review schedule

* [Post109bis-e][934][PRN] Remaining Open Issues (Nokia)

Scope: Discuss and resolve the remaining PRN open issues.

 Intended outcome: Report, possibly TP

      Deadline: Next Meeting

* [Post109bis-e][935]][NR-U] MAC open issues (Ericsson)

 Address stage-3 remaining open issues from 109e. Capture identified NEW, if any, stage-3 corrections/issues from other companies.  Issues that have already been discussed and not pursued should not be brought up again.

      Intended outcome: CR for 38.321 addressing open issues (including editorials received offline)

      Deadline: Next Meeting

* [Post109bis-e][936][NR-U] RRC open issues (Qualcomm)

 Address stage-3 remaining open issues. Capture identified NEW, if any, stage-3 corrections/issues from ASN.1 review.  Issues that have already been discussed and not pursued should not be brought up again.

      Intended outcome: Agreable proposals and CR for 38.331 addressing open issues

      Deadline: Next Meeting, ASN.1 review schedule

* [Post109bis-e][937][NR-U] UE running capabilities (Vivo)

      Intended outcome: draft CR for 38.306 and 38.331 to reflect the latest RAN2 capabilities agreements (on R2 capabilities and the description of related field on 38.331 email discussion) and to discuss if any new R2 capability is required

      Deadline: Next Meeting

* [Post109bis-e][938][PowSav] MAC open issues (Huawei)

 Address stage-3 remaining open issues. Capture identified NEW, if any, stage-3 corrections/issues from other companies.  Issues that have already been discussed and not pursued should not be brought up again.

      Intended outcome: CR for 38.321 addressing open issues (including editorials received offline)

      Deadline: Next Meeting

* [Post109bis-e][939][PowSav] RRC open issues (Mediatek)

 Address stage-3 remaining open issues. Capture identified NEW, if any, stage-3 corrections/issues from ASN.1 review.  Issues that have already been discussed and not pursued should not be brought up again.

      Intended outcome: Agreable proposals and CR for 38.331 addressing open issues

      Deadline: Next Meeting, ASN.1 review schedule

* [Post109bis-e][940][PowSav] RRM open issues (vivo)

 Address stage-3 remaining open issues. Capture identified NEW, if any, stage-3 corrections/issues from other companies.  Issues that have already been discussed and not pursued should not be brought up again.

      Intended outcome: CR for 38.304 addressing open issues (including editorials received offline)

      Deadline: Next Meeting

* [Post109bis-e][941]PowSav] UE capabilities (Intel)

      Intended outcome: draft CR for 38.306 and 38.331 to reflect the latest RAN2 capabilities agreements (on R2 capabilities and the description of related field on 38.331 email discussion) and to discuss if any new R2 capability is required

      Deadline: Next Meeting

* [Post109bis-e][942][ 2s-RA] UP and other open issues (ZTE)

 Address stage-3 remaining open issues from 109e-bis, including CFRA. Capture identified NEW, if any, stage-3 corrections/issues from other companies.  Issues that have already been discussed and not pursued should not be brought up again.

      Intended outcome: CR for 38.321 addressing open issues (including editorials received offline) and way forward for specification of CFRA (proposals and CRs)

      Deadline: Next Meeting

* [Post109bis-e][943][2s-RA] RRC open issues (Ericsson)

 Address stage-3 remaining open issues. Capture identified NEW, if any, stage-3 corrections/issues from ASN.1 review.  Issues that have already been discussed and not pursued should not be brought up again.

      Intended outcome: Agreable proposals and CR for 38.331 addressing open issues Deadline: Next Meeting, ASN.1 review schedule

* [Post109bis-e][944][NBIOT] CSS overlapping case for UE specific DRX (Sequans)

      Scope: What and how to clarify regarding the CSS overlapping case for UE specific DRX

      Intended outcome: report to the next meeting

      Deadline: next meeting

* [Post109bis-e][945][eMTC] Standalone deployment – Remaining issues (Ericsson)

      Scope: remaining open issues for standalone deployment

      Intended outcome: Report from the email discussion

      Deadline: next meeting

* [Post109bis-e][946][POS] Reference for additional path reporting (Ericsson)

      Scope: Discuss the options for a time reference convention for additional path reporting and conclude a way forward, starting from the text proposal in Annex 1 of R2-2003997.

      Intended outcome: Summary for next meeting

      Deadline:  Long

* [Post109bis-e][947][POS] TRP-ID structure (Ericsson)

      Scope: Discuss the proposals for restructuring the TRP-ID and determine which fields are needed for which case.  The table in R2-2003997 can be used as starting point.

      Intended outcome: Summary for next meeting

      Deadline:  Long

* [Post109bis-e][948][POS] LPP ASN.1 review (Qualcomm)

      Scope: Gather and discuss issues and develop a running CR for ASN.1 corrections, with R2-2003981 as a baseline.

      Intended outcome: Open issues list and CR to next meeting

      Deadline:  Long

* [Post109bis-e][949][POS] Structure of UE-based assistance data (Ericsson)

      Scope: Discuss the structure of UE-based assistance data and determine if changes are needed to minimise repetition of information.

      Intended outcome: Report to next meeting

      Deadline:  Long

* [Post109bis-e][950][POS] Remaining issues on broadcast (CATT)

      Scope: Discuss the proposals from R2-2003607.

      Intended outcome: Summary for next meeting

      Deadline:  Long

* [Post109bis-e][951][POS] Remaining issues on UE-based positioning (Huawei)

      Scope: Discuss the proposals from R2-2003064 and R2-2003145.

      Intended outcome: Summary for next meeting

      Deadline:  Long

* [Post109bis-e][952][V2X]: RRC ASN.1 issues (Huawei)

 Scope: Collect, discuss and resolve ASN.1 issues. And also update the CRs accordingly.

      Deadline: Next Meeting, ASN.1 review schedule

* [Post109bis-e][953][V2X]: CR on SIB12 segmentation (OPPO)

 Scope: Prepare agreeable draft CR for SIB12 segmentation

      Deadline:  Long

* [Post109bis-e][954][V2X]: SIB12 overhead reduction (OPPO)

 Scope: Discuss and conclude other options proposed in R2-2004075. If we cannot see majority companies’ views for each sub-options or if we cannot have reliable draft CR, we will rely on segmentation of SIB12 only in Rel-16.

      Deadline:  Long

* [Post109bis-e][955][V2X]: UE capabilities (OPPO)

 Scope: Discuss and conclude the essential left issues raised in R2-2002638 and R2-2002639, and also to discuss V2X L2 capabilities over Uu and PC5.

      Deadline:  Long

* [Post109bis-e][956][V2X]: Cell (re)selection (ZTE)

 Scope: Discuss and conclude the essential left issues raised in R2-2003779. Also to prepare the CRs accordingly.

      Deadline:  Long

* [Post109bis-e][957][V2X]: MAC issues (LG)

 Scope: Discuss remaining MAC issues from R2-2003757 and FFS (including proposals that wasn’t discussed) from the meeting.

      Deadline:  Long

* [Post109bis-e][958][V2X]: MAC CRs (LG)

 Scope: Discuss and prepare agreeable 38.321/36.321 CR (also with the consideration of new RAN1 agreements)

      Deadline:  Long

* [Post109bis-e][959][V2X]: PDCP CR (CATT)

 Scope: Discuss and prepare 38.323 CR capturing agreements

      Deadline:  Long

* [Post109bis-e][960][MDTSON] Open issues on ASN1 RIL for MDT and SON (Huawei)

 Scope: Continue the discussion on L2M open issues based on R2-2003486

 Intended outcome: Summary with the following sets which should be identified

 Try to change the issues marked as Cat b1 into proposals marked Cat b

 Deadline: Next Meeting, ASN.1 review schedule

* [Post109bis-e][961][MDTSON] SON open issues (Ericsson)

 Scope: FFSs

 Intended outcome: Report

 Deadline: Next meeting

* [Post109bis-e][962][TEI16] Under-reporting CSI-RS Capabilities (NTT Docomo)

 Scope: Progress the topic “Under-reporting CSI-RS Capabilities”. Take into account relevant input to R2 109e and 109bis e and the R1 Reply LS in R2-2004253/R1-2002900.
Intended outcome: Report. If possible agreeable CRs
Deadline: Next Meeting.

* [Post109bis-e][963][NR16] UE Capabilities (Intel, NTT Docomo)

 Scope: L1 Radio and Positioning capabilities. Progress the topic, take into account the R1 LS, make a first attempt at CRs, 38306 38331. Identify issues, if any, Reply LS to R1 for issues resolution.
Intended outcome: Report, Draft CRs, Draft Reply LS to R1.
Deadline: Next Meeting.