3GPP TSG-RAN WG3 Meeting #129bis R3-25xxxx

Prague, Czech Republic, 13 – 17 October 2025

**Agenda Item:** 3

**Source:** RAN3 Chair

**Title:** Agenda

**Document for:** Approval

**Tdoc submission deadline: Friday October 3rd, 2025, 07:00 UTC**

**Meeting registration deadline: Monday October 6th, 2025, 08:00 UTC**

# Agenda

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| **TDoc** | **Title** | **Comments** |
| 1. Opening of the meeting  |
| 2. Reminders |
| 2.1. IPR Declaration[*https://www.3gpp.org/about-us/legal-matters/call-for-ipr*](https://www.3gpp.org/about-us/legal-matters/call-for-ipr) |
| I draw your attention to your obligations under the 3GPP Partner Organizations’ IPR policies. Every Individual Member organization is obliged to declare to the Partner Organization or Organizations of which it is a member any IPR owned by the Individual Member or any other organization which is or is likely to become essential to the work of 3GPP.Delegates are asked to take note that they are thereby invited: * to investigate whether their organization or any other organization owns IPRs which were, or were likely to become, essential in respect of the work of 3GPP.
* to notify their respective Organizational Partners of all potential IPRs, e.g., for ETSI, by means of the IPR Information Statement and the Licensing declaration forms (see: <http://ipr.etsi.org/>).
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| 2.2. Statement of Antitrust Compliance[*https://www.3gpp.org/about-us/legal-matters/statement-regarding-competition-law*](https://www.3gpp.org/about-us/legal-matters/statement-regarding-competition-law) |
| I also draw your attention to the fact that 3GPP activities are subject to all applicable antitrust and competition laws and that compliance with said laws is therefore required of any participant of this TSG/WG/SWG meeting including the Chair and Vice Chairs. In case of question I recommend that you contact your legal counsel.The leadership shall conduct the present meeting with impartiality and in the interests of 3GPP.Furthermore, I would like to remind you that timely submission of work items in advance of TSG/WG/SWG meetings is important to allow for full and fair consideration of such matters. |
| 2.3. Consensus Principles |
| The attention of the delegates to the meeting is drawn to the fact that 3GPP endeavours to reach consensus on all decisions and therefore depends on a cooperative spirit of the Individual Members. In particular, Individual Members are encouraged to seek a consensus-based solution and only to sustain objections as a very last resort, and where absolutely necessary and well justified. The leadership will conduct the present meeting in a manner whereby informal methods of reaching consensus are encouraged, whilst ensuring that well justified concerns are taken into account. |
| 2.4. Responsible IT Behavior[*http://www.3gpp.org/ftp/PCG/PCG\_27/DOCS/PCG27\_13r1.zip*](http://www.3gpp.org/ftp/PCG/PCG_27/DOCS/PCG27_13r1.zip) |
| We all share meeting IT resources with one another. Delegates should restrict their IT usage to things which are essential for the meeting, and they:1. shall not use the network to engage in illegal activities. This includes activities such as copyright violation, hacking, espionage or any other activity that may be prohibited by local laws.
2. shall not engage in non-work-related activities that consume excessive bandwidth or cause significant network performance degradation.

And most importantly:**1. DON’T place your WiFi device in ad-hoc mode;****2. DON’T set up a personal hotspot in the meeting room;****3. DO try 802.11a if your device supports it;****4. DON’T manually allocate an IP address;****5. DON’T stream video, play online games, or download huge files;****6. DON’T use packet probing software (e.g., packet sniffers or port scanners) which clogs the local network.** |
| 2.5. Additional reminders |
| **This is an ordinary face-to-face meeting with 1-way remote access.**1. All agreed TDocs must be provided during the meeting week, i.e., BEFORE the end of the meeting. In order to continue with the principle of “agreed unseen”, please ensure that all such TDocs are uploaded in time and reflect exactly the agreed changes.2. During physical meetings, prefer face-to-face offline discussion to e-mail discussion.3. When a CB is set up, e.g.:**CB: # 1\_Name****- topics of the offline discussion**(Company Owner - moderator)Rev in R3-xxxxxxSummary of offline disc R3-xxxxxy1. Create a folder in “Inbox/Drafts/**1\_Name**” with the assigned CB number (**1**) and name;
2. Upload all drafts, corrections, revisions, etc. in the same folder “Inbox/Drafts/**1\_Name**”;
3. Avoid sending drafts via e-mail or on the reflector!
4. When sending e-mails, do not attach any documents, and please minimize e-mail discussion (e.g. it is enough to announce the start of discussion, availability of drafts on server, support for a document, discussion conclusion).
5. It is highly beneficial if the summary of offline discussion contains proposals for “official” group conclusions, e.g. “propose to agree R3-xxxxxx”, “propose to agree that….”, “no agreement”, “to be continued”, etc.

4. To encourage the use of pCRs, if there are discussion papers and pCRs from the same company on the same topic, only the pCRs will be treated.5. Papers submitted to the wrong AI will not be treated.6. When subsections are available, please do not submit papers to the “top level” AI. If you think none of the available subsections fits your contribution, then it should go to the “Others” subsection. Any papers submitted to the “top level” AIs should not be expected to be treated.7. To save time, incoming LSs which have no action for RAN3 will not be treated unless they are flagged to the Chair before the start of the meeting.8. QUOTAS: When a quota is indicated for an Agenda Item, each company may submit up to that number of contributions in total across all its sub-Agenda Items. Please refer to the example at the end of this document. Quota rules are described in [R3-255141](https://www.3gpp.org/ftp/tsg_ran/WG3_Iu/TSGR3_129/Docs/R3-255141.zip) and continue to be the basis for working with quotas in RAN3.9. RAN3 breakout room: Only a CB moderator or SI/WI rapporteur may request the RAN3 breakout room (via MCC), and should follow these guidelines to ensure fair access:1. The offline session time slot should be announced via the RAN3 email reflector.
2. The maximum total duration of all CBs for a given SI/WI is 2 hours.
3. 1-way remote access may be provided via GoToWebinar (GTW), on a best-effort basis.

Some suggestions for better RAN3 meetings can also be found [here](http://www.3gpp.org/ftp/tsg_ran/WG3_Iu/TSGR3_AHGs/R3_AH_NR_1706/Docs/R3-172219.zip). |
| 3. Approval of the Agenda |
| 4. Approval of the minutes from previous meetings |
| 5. Documents for immediate considerationRecording of GoToWebinar/GotoMeeting sessions of the present meeting is strictly prohibited. No individual or entity - including the speakers and/or the authors - may electronically record any portion of the meeting without prior written consent of the Chair and all the meeting participants.Recording of voice or video at meetings is not used in 3GPP; this applies also to e-Meeting. |
| 6. Organizational topics |
| 7. General, protocol principles and issuesRAN3 Work Plan and Working Procedures: [TR 30.531](http://www.3gpp.org/DynaReport/30531.htm)MCC allocates protocol IE IDs, checking with Rapporteurs during CR implementation phase |
| 8. Incoming LSs |
| 8.1. New Incoming LSs |
| 8.2. LSin received during the meeting |
| 8.3. Left over LSs / pending actions |
| 9. Corrections to Rel-19 or earlier releasesOnly essential corrections are allowed for frozen releases.For E1, Rel-15/16 Cat.F CR to TS38.46x should use Cat.A CRs to TS37.48x from Rel-17 onward. The coversheet of the Cat.A CR should link the corresponding Rel-15/16 Cat.F CR in the “Other core specifications” field and include the following note in the “Other comments” field: “This Cat. A CR to TS 37.48x is a mirror CR of previous release of TS 38.46x.” |
| 9.1. LTE**QUOTA: 1** |
| 9.1.1. R19 IoT NTN enhancements |
| 9.1.2. R19 LTE-based 5G Broadcast |
| 9.1.3. Other |
| 9.2. NR“Stage-2 only” corrections may be down prioritized at this meeting. |
| 9.2.1. R19 SON/MDT**QUOTA: 2** |
| 9.2.2. R19 AI/ML for NG-RAN**QUOTA: 2** |
| 9.2.3. R19 WAB**QUOTA: 2** |
| 9.2.4. R19 NR Femto**QUOTA: 2** |
| 9.2.5. R19 Mobility enhancements**QUOTA: 2** |
| 9.2.6. R19 NR NTN enhancements**QUOTA: 2** |
| 9.2.7. R19 Ambient IoT**QUOTA: 2** |
| 9.2.8. R19 Network Energy Saving**QUOTA: 2** |
| 9.2.9. R19 Low Power WUS/WUR**QUOTA: 2** |
| 9.2.10. R19 Evolution of Duplex Operation**QUOTA: 2** |
| 9.2.11. R19 AI/ML for air interface**QUOTA: 2** |
| 9.2.12. R19 NR XR Enhancements**QUOTA: 2** |
| 9.2.13. R19 NR Sidelink Multi-hop Relay**QUOTA: 2** |
| 9.2.14. Other**QUOTA: 1** |
| 9.3. R19 Rapporteur CorrectionsEditorial cleanup by spec rapporteurs, one CR per spec (if needed) using TEI19 as WI code**Quota Free** |
| 10. Study on 6G RadioSID [FS\_6G\_Radio]: [RP-252912](https://www.3gpp.org/ftp/tsg_ran/TSG_RAN/TSGR_109/Docs/RP-252912.zip) (target: RAN #115) [TU: 4 (**4**, 4, 5, 6, 6, 6, 6, 6, 6)]Usage scenarios, requirements, deployment scenarios and design principles as determined by the RAN requirements in TR38.914.TSG#112 (June/2026): RAN3 to provide interim study results to allow TSGs to make a decision on:* RAN-CN interface: P2P vs SBI
* RAN internal interfaces: CU-DU split, CP-UP split.

“3GPP to create lean and streamlined standards for 6G, e.g., by dimensioning an appropriate set of functionalities, minimizing the adoption of multiple options for the same functionality, avoiding excessive configurations, etc. Any exception to the above shall be well justified.” (working principle for 6G in RP-250766 endorsed by RAN) |
| 10.1. GeneralReserved for rapporteur inputs (e.g., work plan, draft TR38.xxx) and LSs |
| 10.2. Overall RAN architecture**QUOTA: 2**Based on standalone architecture to support the agreed existing and new services.Similar scope to TS 38.300 sections 4.1 and 4.2, focusing on RAN functions and high-level logical architecture. Proposals should be motivated by requirements, where appropriate. |
| 10.2.1. General principles and requirements |
| 10.2.2. RAN functions and logical architecture |
| 10.3. RAN-CN interface**QUOTA: 2** |
| 10.3.1. General principles and requirements |
| 10.3.2. RAN-CN interface optionsDescription of the principal interface option(s), focusing on main characteristics. No evaluations or comparisons at this stage, pending sufficient progress on general principles and requirements. |
| 10.4. RAN internal functional split and interfaces**QUOTA: 1** |
| 10.5. AI/ML for RAN**QUOTA: 1**Leveraging 5G AI/ML framework, as appropriate [See TR38.843]. |
| 10.5.1. AI/ML use casesIdentify use case(s) of interest (either existing or new) with compelling trade-off between e.g., performance, complexity, etc. |
| 10.5.2. AI/ML frameworkExtensible AI/ML enablers based on the identified Use Case(s) |
| 10.6. Mobility for 6GR |
| 10.7. Interworking between 6GR and NR |
| 11. Data Collection for SON/MDT in NR Phase 5 (RAN3-led)WID [NR\_SON\_MDT\_Ph5-Core]: [RP-252560](https://www.3gpp.org/ftp/tsg_ran/TSG_RAN/TSGR_109/Docs/RP-252560.zip) (target: RAN#115) [TU: 1 (**1**, 1, 1, 1, 1, 1, 1, 1, 1)]**QUOTA: 2** |
| 11.1. GeneralWork plan, BL CRs |
| 11.2. MRO EnhancementsMRO enhancement for R19 mobility mechanisms, including inter-CU Lower-layer Triggered Mobility (LTM) and intra-CU conditional LTM. |
| 11.2.1. Inter-CU LTM |
| 11.2.2. Intra-CU conditional LTM |
| 12. Study on AI/ML for NG-RAN Phase 3 (RAN3-led)SID [FS\_NR\_AIML\_NGRAN\_Ph3]: [RP-252867](https://www.3gpp.org/ftp/tsg_ran/TSG_RAN/TSGR_109/Docs/RP-252867.zip) (target: RAN #111) [TU: 1 (**1**, 1, 1)]**QUOTA: 3** |
| 12.1. GeneralWork plan, draft TR 38.745 |
| 12.2. AI/ML-based mobilityStudy the AI/ML-based mobility use case based on the principles of AI/ML for NG-RAN as captured in TS 38.300 and TS 38.401 with existing NG-RAN interfaces and architecture. |
| 12.2.1. Multi-hop UE trajectory across gNBs |
| 12.2.2. Intra-CU LTM |
| 12.2.3. Handover enhancementsE.g. inter-CU LTM. |
| 13. Study on Integrated Sensing And Communication (ISAC) for NRSID [FS\_Sensing\_NR\_bis]: [RP-252819](https://www.3gpp.org/ftp/tsg_ran/TSG_RAN/TSGR_109/Docs/RP-252819.zip) (target: RAN #112) [TU: 1 (**1**, 1, 1, 1, 1)]**QUOTA: 2** |
| 13.1. GeneralWork plan, draft TR |
| 13.2. Network architecture Study network architecture for gNB-based mono-static sensing for UAV sensing target use cases. Applicability to gNB bistatic sensing may be considered as part of this network architecture without additional architecture impacts. |
| 13.3. RAN-CN procedures and signalingStudy the procedures, signaling between RAN and CN to support ISAC. |
| 14. Solutions for Ambient IoT in NR Phase 2WID [Ambient\_IoT\_Solutions\_Ph2-Core]: [RP-252894](https://www.3gpp.org/ftp/tsg_ran/TSG_RAN/TSGR_109/Docs/RP-252894.zip) (target: RAN #115) [TU: 0.5 (**0.5**, 0.5, 1, 1, 1, 1, 1, 1, 1)]**QUOTA: 1** |
| 14.1. GeneralWork plan, BL CRs |
| 14.2. Topology 2Includes specification of UE reader authorization, including F1AP support, and UE reader selection. NOTE: F1AP/XnAP/NGAP impact is expected to be minimized.Specify the necessary signaling support for inter-gNB RRC-connected UE Reader Mobility. Inter-gNB resource coordination is not specified. |
| 14.3. Topology 1This objective begins after RAN#111 (Mar 2026). Specify DO-A specific NGAP procedure. |
| **15. NR mobility enhancements Phase 5**WID [NR\_Mob\_Ph5-Core]: [RP-252113](https://www.3gpp.org/ftp/tsg_ran/TSG_RAN/TSGR_109/Docs/RP-252113.zip) (target: RAN #115) [TU: 0 (**0**, 0, 0, 1, 1, 1, 1, 1, 1)]**QUOTA: 0**Begins in Q2 2026 |
| 15.1. GeneralWork plan, BL CRs |
| 15.2. LTM SCell activation enhancementsNW triggering of LTM SCell activation as part of the SpCell LTM cell switch. |
| 20. XR for NR Phase 4WID [NR\_XR\_Ph4-Core]: [RP-252755](https://www.3gpp.org/ftp/tsg_ran/TSG_RAN/TSGR_109/Docs/RP-252755.zip) (target: RAN #115) [TU Basket: 0 (**0**, 0, 0.5, 0.5, 0.5, 0.5, 0.5, 0.5, 0.5)]**QUOTA: 0**Begins in Q1 2026 |
| 20.1. GeneralWork plan, BL CRs |
| 20.2. Coordination between gNB and CN on N3 delay measurementSpecify coordination between gNB and CN to enable/disable N3 interface delay measurement from CN to gNB. |
| 21. AI/ML for NR air interface Phase 2WID [NR\_AIML\_air\_Ph2-Core]: [RP-252445](https://www.3gpp.org/ftp/tsg_ran/TSG_RAN/TSGR_109/Docs/RP-252445.zip) (target: RAN #115) [TU Basket: 0 (**0**, 0, 0, 0.5, 0.5, 0.5, 0.5, 0.5, 0.5)]**QUOTA: 0**Begins in Q2 2026 |
| 21.1. GeneralWork plan, BL CRs |
| 21.2. Two-sided AI/ML modelCheckpoint in RAN#110 upon SA WG feedback. |
| 31. Corrections and Enhancements to Rel-20**QUOTA: 0**Begins in Q4 2026 |
| 31.1. Corrections |
| 31.2. Enhancements |
| 32. Any other business |
| 33. Closing of the meeting  |

**Conference Calls Schedule (tentative)**

**Only delegates registered to the meeting will receive invitations to conference calls
All times are local time**

**For sessions longer than 2 h, there will be a 5-10 min. break in the middle of the session**

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|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |  |
| 08000830 | **0900 START OF MEETING** | Offline\* | Offline\* | Offline\* | Offline\* |  |
| Offline\* | Offline\* | Offline\* | Offline\* |
| 0900 |  Org: AI 1-8 | Corrections: AI 9 | AI RAN SI: AI 12L | Corrections: AI 9 | **CBs** |  |
| *1030~1100* | *Coffee Break* |  |
|  | AI 8 (cont.)Corrections: AI 9 | Corrections: AI 9 | ISAC SI: AI 13 | SON/MDT: AI 11X | **CBs** |  |
| *1300~1430* | ***Lunch Break*** | ***Lunch Break\**** |  |
|  | Corrections: AI 9 | 6G SI:AI 10.1-10.3 | 6G SI: AI 10.4 | 6G SI: AI 10.5L | **CBs\*****END OF MEETING** |  |
| *1630~1700* | *Coffee Break* |  |  |
|  | Corrections: AI 9 | 6G SI:AI 10.3 (cont.) | Ambient IoT: AI 14X | **Early CBs**All CBs in AI8, AI9 (M/Tu) will be treated |  |  |
|  |  |
| 19002000 |  |  | Social Event(self-funded dinner) |  |  |  |
|  |  |  |  |  |  |

blue 6G
L, X chaired by Vice-Chairs
highlighted changed ~~strikethrough~~ not treated
\* if needed

Future meeting dates

|  |  |  |  |
| --- | --- | --- | --- |
| ***Title*** | ***Dates*** | ***Venue*** | ***Location*** |
| RAN3#129bis | 13 – 17 Oct 2025 | F2F Meeting | Prague |
| RAN3#130 | 17 – 21 Nov 2025 | F2F Meeting | Dallas |
| RAN#110 | 8 – 11 Dec 2025 | F2F Meeting | Baltimore |
| RAN3#131 | 9 – 13 Feb 2026 | F2F Meeting | Göteborg |
| RAN#111 | 9 – 12 Mar 2026 | F2F Meeting | Fukuoka |
| RAN3#131bis | 13 – 17 Apr 2026 | F2F Meeting | EU |
| RAN3#132 | 18 – 22 May 2026 | F2F Meeting | China |
| RAN#112 | 8 – 11 Jun 2026 | F2F Meeting | Singapore |

**Agenda color coding**

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| **10. Agenda Item** |
| **10.x. Sub Agenda Item****QUOTA: 5** |
| **10.x.1. Sub-sub Agenda Item** |
| 10.x.1.1. Sub-sub-sub Agenda Item |
| **TOPIC GROUPING (used to group and highlight a topic, but it is not an Agenda Item)** |
| 10.x.1.2. Sub-sub-sub Agenda Item |

Agenda Items that are greyed-out are not expected to be treated at this meeting.

**QUOTA:** Each company may submit up to *n* contributions to the Agenda Item where this number appears. This number applies to the *sum* of all Tdocs submitted to *all* the sub-Agenda Items. In the example above, a company may submit up to 5 contributions to AI 10.x in any combination: e.g. up to 4 to 10.x.1.1 and up to 1 to 10.x.1.2, or up to 3 to 10.x.1.1 and up to 2 to 10.x.1.2, and so on.

**Chair’s notes color coding**

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| --- | --- | --- |
| R3-xxxxxx | Available but not yet treated document  |  |
| R3-xxxxxx | This document has low priority |  |
| R3-xxxxxx | This document was not available at submission deadline or withdrawn |  |
| R3-xxxxxx | The quota for at least one of the sourcing companies was exceeded in this AI. This document is to be considered withdrawn and will not be treated. |  |
| R3-xxxxxx | This document was treated and either noted or merged. | Chair notes**Noted** – TDoc has been presented, no specific action results.**Merged** – TDoc is combined with one or more others and presented in a new, composite TDoc that is typically agreed or endorsed. |
| R3-xxxxxx | This document was treated and had a favorable conclusion. | Chair notes**Approved –** used for Report, Agenda, and LS out**Agreed** **–** used for CR to be sent to RAN, or TDoc to be merged in a BL CR or TR**Endorsed** **–** used for CR to be agreed by other WG e.g. TS 38.300, and for BL CR or TR subject to TDoc allocation by MCC for next meeting |
| R3-xxxxxx | Request for ComeBack (CB) during the meeting  | Chair notes**CB # n\_FolderName****- comments** (Company - moderator) |
| R3-xxxxxx | Open issue which might require further clarification in next meeting | Chair notes**Comments (no agreement)** |
| R3-xxxxxx | E-mail discussion (typically after the meeting) | Chair notes**Email#01**Deadline (Company)  |
| R3-xxxxxx | Agreed proposal, e.g. working assumption, TDoc proposal, etc. | Chair notes**Agreed proposal** |
| R3-xxxxxx | “To be continued” discussion: there was no agreement at this meeting and the discussion may continue at the next meeting | Chair notes**To be continued** |
| R3-xxxxxx | Important warning for consideration | Chair notes**Important warning for consideration** |