

Agenda Item: 15

Source: Samsung

Title: 6G timeline

Document for: Discussion

Introduction

TSG#102 discussed 3GPP timeline for 6G and some agreements were made.

In this contribution, we propose remaining details for discussion and agreement in TSG#103.

3GPP Timeline for 6G

TSG#102 Agreement

- TSG-wide 6G workshop: March 2025
- IMT-2030 use cases workshop: 8-10 May 2024
- 6G SIs: Rel-20
 - SA1 SI approval: September 2024
 - RAN SI (requirements) approval: TBD
 - SA2 SI approval: June 2025
 - RAN WGs SI: June 2025
- 6G WIs: Rel-21
 - The release for IMT-2030 submission
 - Single drop
- Completion dates for SIs and WIs: TBD

Samsung Proposal for the Remaining Details

- RAN SI (requirements) approval: Sep 2024
 - Focus on KPI requirements until Mar 2025 for early communication with ITU-R on IMT-2030 requirements
 - Update SID taking into account the outcome of TSG-wide 6G workshop in March 2025 and continue to develop 3GPP's requirement for 6G.
- RAN SI completion: June 2026
- 6G architecture decision : June 2026
- Completion of RAN WGs SI: Dec 2026
- Rel-20 schedule (18 months)
 - RAN1 freeze : Dec 2026
 - Functional freeze : March 2027
 - ASN.1/Open API freeze : June 2027
- Rel-21 schedule (21 months)
 - Approval of Rel-21 RAN WGs WI : Dec 2026
 - RAN1 freeze : Sep 2028
 - Functional freeze : Dec 2028
 - ASN.1/Open API freeze : Mar 2029

Overall Timeline for 6G

