

Agenda Item: 9

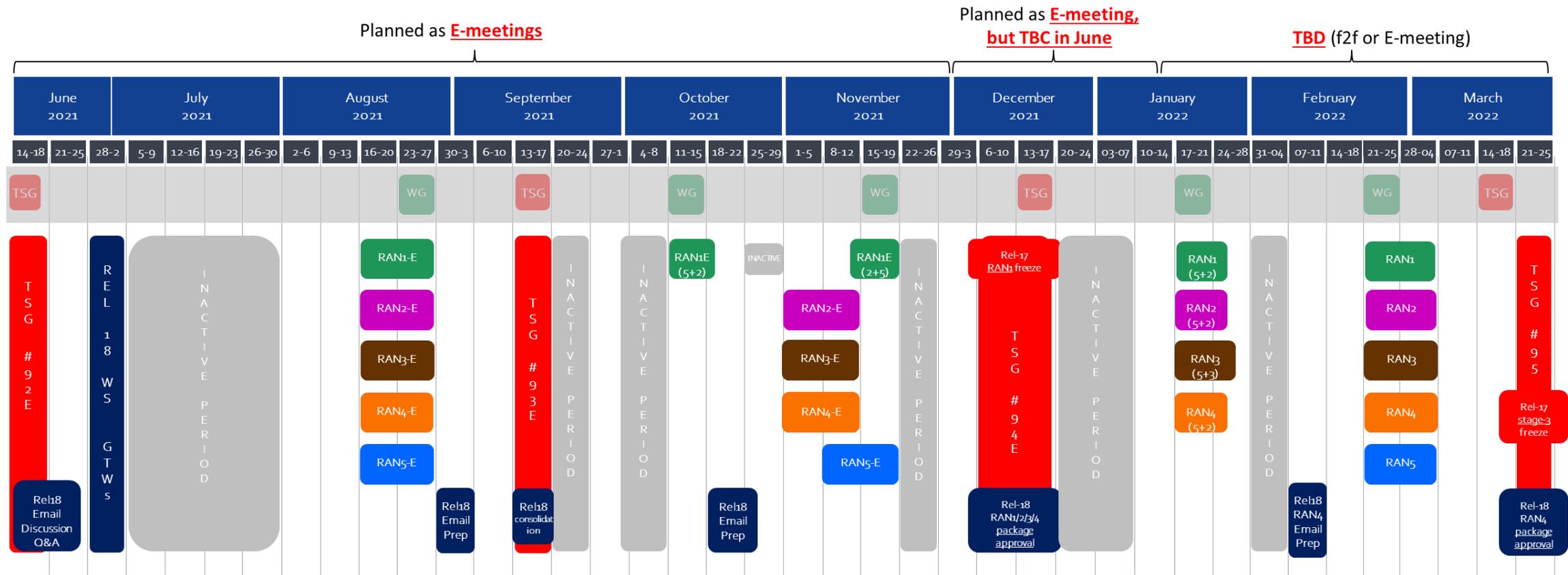
Source: Samsung

Title: Timeline for Rel-17 and Rel-18

Document for: Discussion and Decision

RAN Timeline (from RP-210770)

- Based on the schedule from RAN#91-e, RAN1 has 3 meetings while the other working groups have 4 meetings to complete Rel-17 stage-3 specifications



RAN Timeline (from RP-210770)

- ◇ *Extend planning for E-meeting operation until and including RAN#95 (March/2022)*
 - ◆ *RAN#93, and all Q4/2021 RAN WG meetings confirmed as E-meetings*
 - ◆ *Q4/2021 E-meeting arrangement plans to be checked in June based on Q2/2021 experience*
 - ◆ *Final confirmation on RAN#94 (whether f2f or Electronic) to be done at RAN#92E (June)*
 - ◆ *Determination of Q1/2022 WG meetings and RAN#95 (whether f2f or Electronic) to be done latest at RAN#93E (September)*
 - *Note that slide 4 shows the plans in case Q1/2022 meetings are Electronic*
 - *In case Q1/2022 meetings are f2f it is assumed the original meeting plan depicted on the top part of slide 4 would hold*

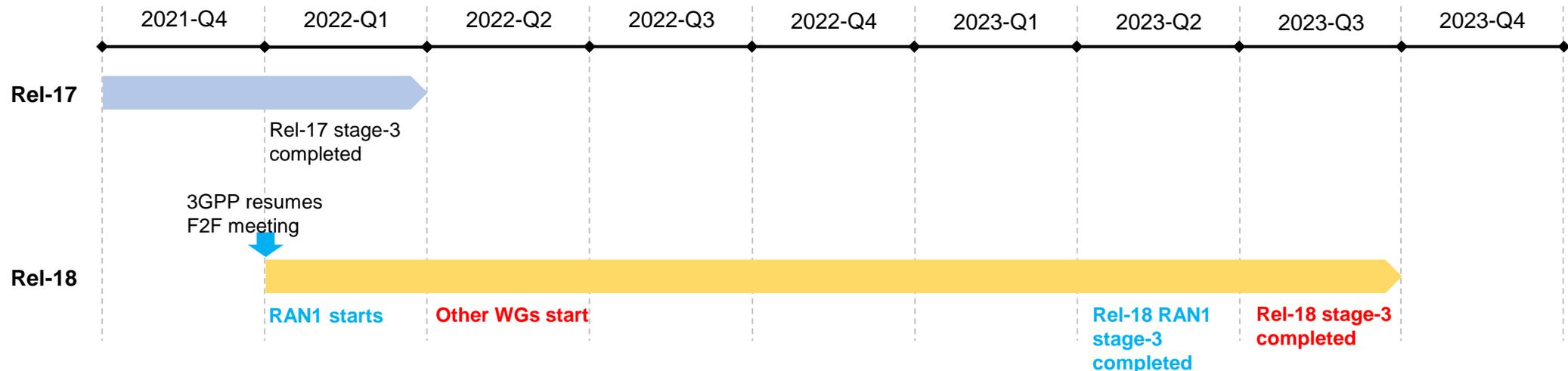
- ◇ *Plan for extended RAN#94E (to 2 weeks) to allow sufficient time for Rel-18 package approval discussions and decisions*
 - ◆ *1st week to focus on Rel-18 discussion*
 - ◆ *2nd week to address regular RAN matters and conclude on Rel-18 package*

- ◇ Rel-17 completion should not be delayed any further from what was planned in RP-210770
 - ◆ RAN1 stage-3 completion by Q4 of 2021
 - ◆ RAN2/RAN3/RAN4/RAN5 stage-3 completion by Q1 of 2022

- ◇ In order to make sure that Rel-17 completion is on schedule, RAN should
 - ◆ Start consideration on downscoping of Rel-17 work items to make final decision in RAN#93-e
 - For few WIs, it would be beneficial to downscope in RAN#92-e but for majority of the WIs, RAN#92-e would be too early
 - ◆ Consider additional e-meetings for RAN2/RAN3/RAN4/RAN5 in Q4 of 2021 (if necessary)
 - As of now, RAN1 has two e-meetings (1.5 weeks per meeting) while the rest of the WGs have one e-meeting (2 weeks per meeting) in Q4 of 2021
 - Having two shorter e-meetings (each 1.5 weeks) instead of one longer e-meeting (2 weeks per meeting) would be beneficial in terms of progress

Rel-18 Timeline

- ◇ Assuming Rel-17 will be completed as scheduled (stage-3 completion in Q1 of 2022), work on Rel-18 can start in Q1 of 2022
 - ◆ RAN1 starts in Q1 of 2022 while the other WGs start in Q2 of 2022
- ◇ And assuming 3GPP will be able to resume F2F meetings at least in Q1 of 2022, we propose 18-months for Rel-18 (from each WG perspective)
 - ◆ 21 months would be too long considering our industry has been typically operating under a 15 month release cycle
 - ◆ 15 months would not provide enough time for WGs to consider major enhancements in Rel-18



Resuming Face to Face Meetings

- ◇ On the TBC issue of whether RAN#94 should be an e-meeting or a F2F meeting, at least from Samsung perspective, we expect to be ready for F2F in full capacity

- ◇ Likewise, on the TBD issue of whether RAN WG and RAN#95 meetings in Q1 of 2022 should be electronic or F2F, at least from Samsung perspective, we expect to be ready for F2F in full capacity
 - ◆ If RAN WGs cannot resume F2F meetings in Q1 or 2022, successfully completing major enhancements for Rel-18 within a 18-month duration will be very challenging → Rel-18 schedule might have to be reconsidered

- ◇ For Q1 of 2022, it is currently unclear whether or not there will be RAN WG meetings in January (included in RP-210770 but not listed as part of 2022 meeting schedule in 3GPP website)
 - ◆ RAN should confirm these meetings (if not done so already)