

Agenda Item: 9

Source: Samsung

Title: Release 17 Schedule

Document for: Discussion and Decision

- ◇ This document summarizes Samsung's view on how Rel-17 schedule should be revised in consideration of the ongoing COVID-19 situation. Current Rel-17 schedule was revised in RAN#87-e under the assumption that face-to-face meetings could be resumed in the second quarter of 2020. Since then, the global pandemic has resulted in the cancellation of all face-to-face meetings for 2020. Considering this change of circumstances, a further revised schedule for Rel-17 would be necessary.

Current Rel-17 Schedule

- ◇ In RAN#86, RAN endorsed the Rel-17 schedule targeting stage-3 completion in 2021-Q2
 - ◆ At least seven F2F meetings for each working group
- ◇ In RAN#87-e, this schedule was shifted by a quarter due to COVID-19 (stage-3 completion in 2021-Q3)
 - ◆ At least six F2F meetings for each working group

	RAN1	Other working groups
Original Rel-17 schedule from RAN#86	F2F meetings: 7	F2F meetings: 8
Revised Rel-17 schedule from RAN#87-e (Stage-3 by 2021-Q3, expectation in March, 2020)	F2F meetings: 6 e-meetings: 1	F2F meetings: 7 e-meetings: 0
Revised Rel-17 schedule from RAN#87-e (Stage-3 by 2021-Q3, reality in June, 2020)	F2F meetings: 3 e-meetings: 3	F2F meetings: 4 e-meetings: 2

Since RAN#87-e

- ◇ All remaining F2F meetings in 2020 have been cancelled and replaced with e-meetings
 - ◆ 3 face-to-face meetings have been cancelled and replaced with 2 e-meetings

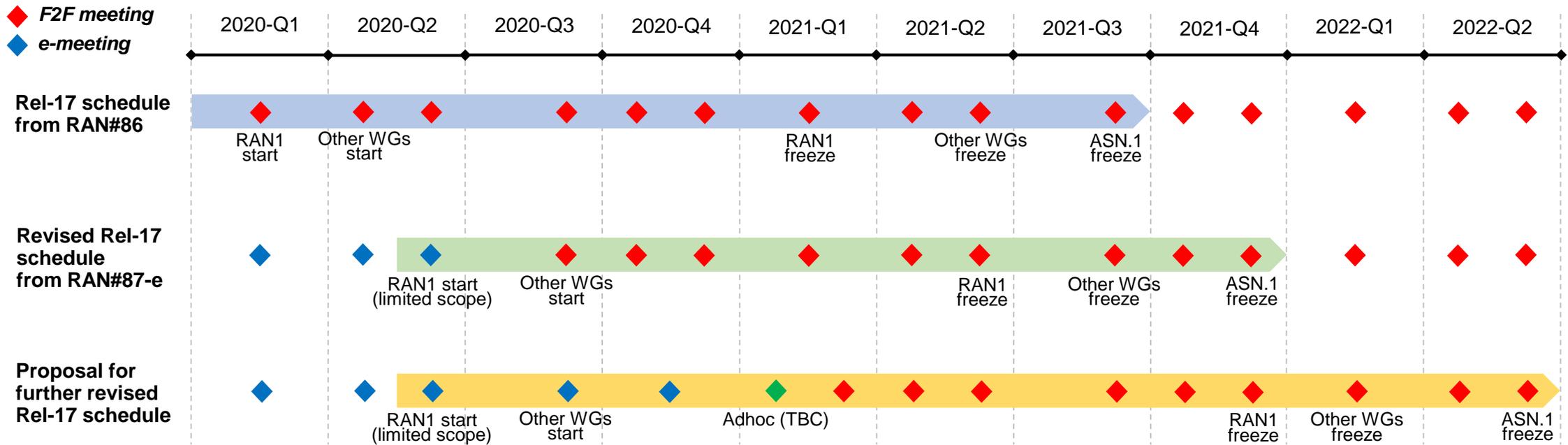
- ◇ RAN1 has started discussions on Rel-17 in a very limited scope
 - ◆ REDCAP, coverage enhancement, above 52.6GHz, and positioning
 - ◆ The progress on these topics have not been good (30~40% of what is expected for a F2F meeting)

- ◇ Rel-17 topics such as NR-MIMO, DSS, NTN, power saving, NR-IIoT/URLLC have not even started
 - ◆ Only 3 face-to-face meetings and 2 e-meetings left

- ◇ It's clear that the revised Rel-17 schedule endorsed in RAN1#87-e is no longer feasible

Further Revised Rel-17 Schedule

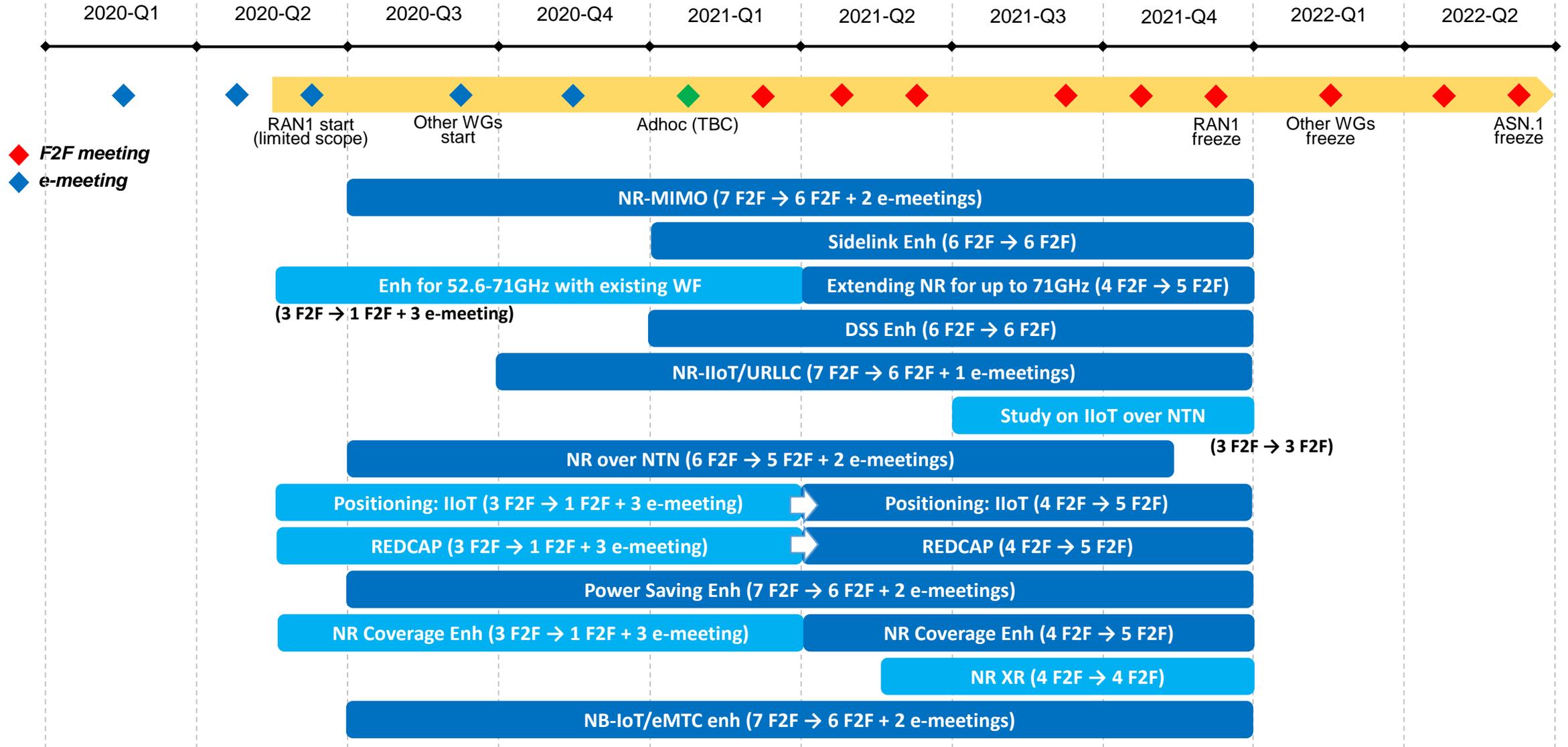
◇ Considering the latest situation in 3GPP and COVID-19, the following Rel-17 schedule is proposed



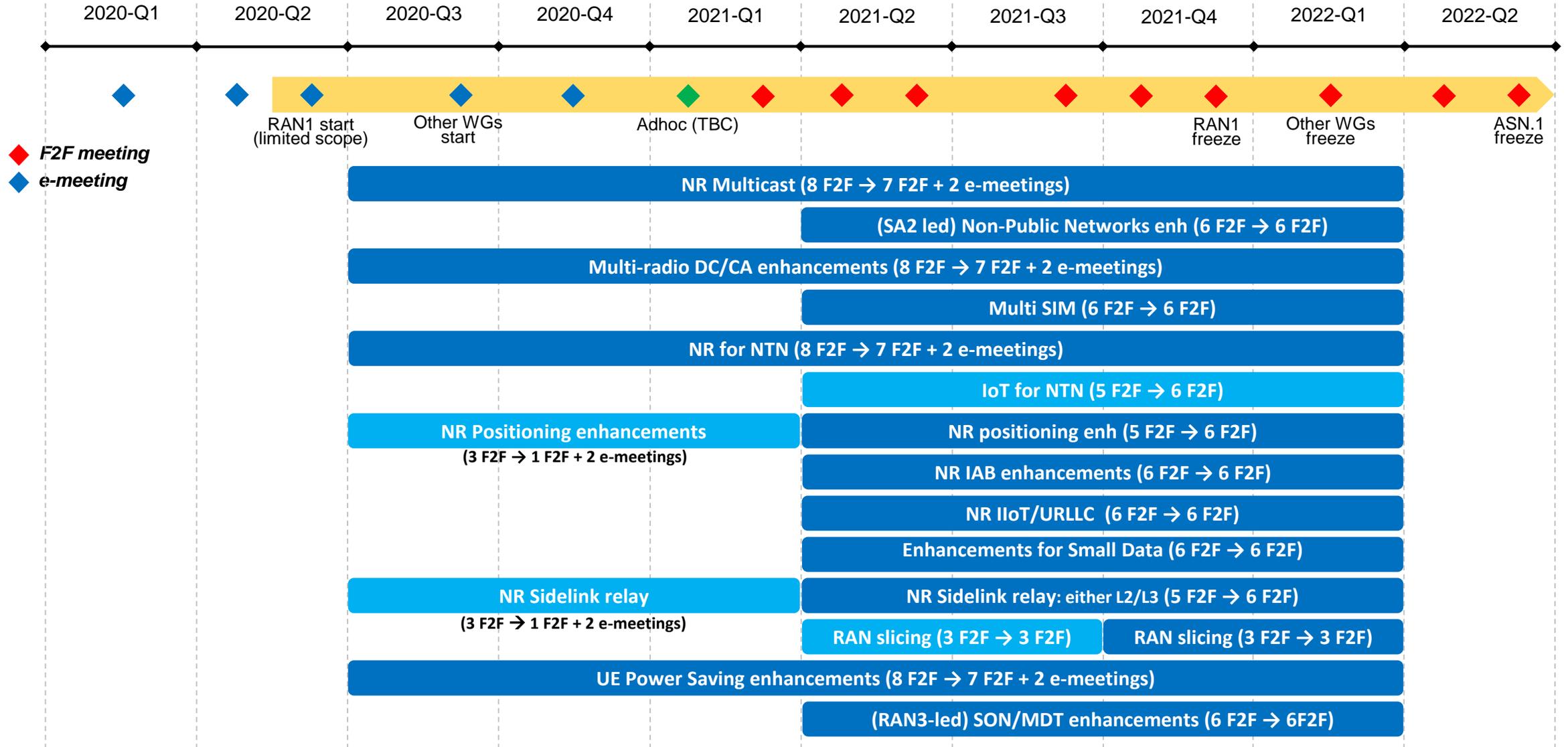
◇ Key aspects of the proposed schedule

- ◆ Rel-17 completion date is delayed by 6 months (Stage-3 completion in 2022-Q1)
- ◆ WGs have at least 6 F2F meetings (at least 7 F2F meetings if there is an adhoc in January)
- ◆ No change to the work scope of endorsed work/study times

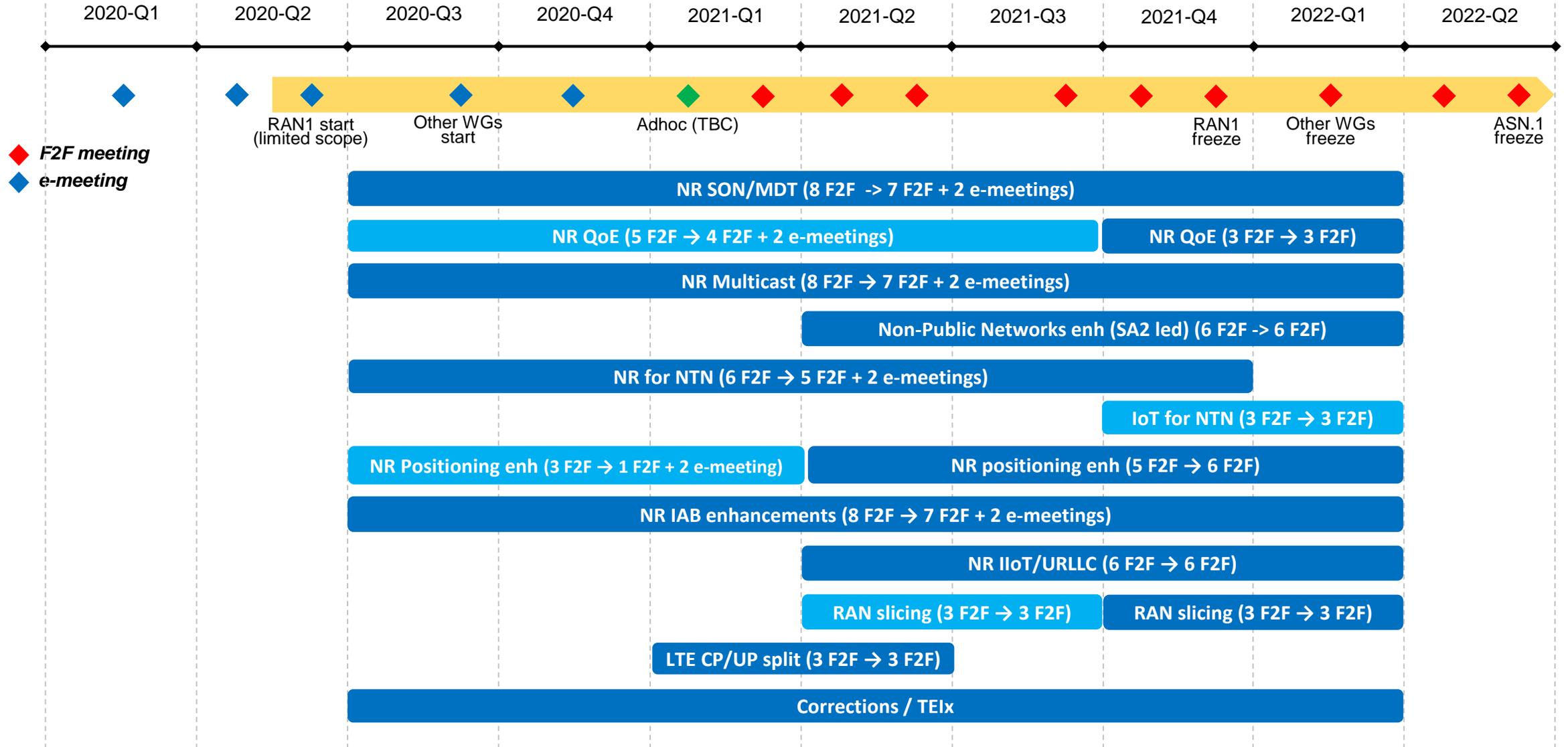
RAN1 WI/SI Timeline based on New Rel-17 Schedule



Rel-17 Schedule for RAN2



Rel-17 Schedule for RAN3



Proposals to Expedite Rel-17 Discussions

- ◇ Adhoc meetings in 2021
 - ◆ Samsung will be happy to host RAN1 in January 2021

- ◇ More active utilization of 3GPP email reflectors for offline discussions
 - ◆ 3GPP email reflectors provide an open arena where companies can exchange views and possibly converge before heading into official working group meetings
 - ◆ Although official decision making cannot be done in these discussions, it would complement the online discussions significantly since companies do not have to start from scratch

Alignment with other TSGs

- ◇ Compared to RAN (6-month additional delay), we expect SA and CT will only require another 3 months
 - ◆ SA/CT: Stage-3 specifications expected to be completed in December, 2021
 - ◆ RAN: Stage-3 specifications expected to be completed in March, 2022

- ◇ We should discuss how to address the potential misalignment of publication date in different TSGs