3GPP TSG-RAN #91-e RP-210824
Online, 16-26 March 2021

Agenda Item: 5.2

Source: RAN2 Chairman (Moderator)

Title: RAN2 TU planning [91e][49]

Document for: Discussion

# Introduction

This document discusses the RAN2 TU plan situation and includes R2 chair proposals and observations. At the current point in time all RAN2 SI (except one) have now finished, and the R17 scope should be almost completely set (except e.g. TEI).

Attachment: Excel file RAN2 TU plan (expected to be merged into multi-WG TU plan for later endorsement)

This document is intended for information sharing and facilitation of discussions.

# Discussion

**MR DCCA and PowSav WIs:** As proposed in RAN2 Report to RP91e TUs were shifted between the meetings for planning reasons, no change to total TUs for these items.

**NR feMIMO [R1]** – [91E][23][FeMIMO\_scope] Mobility scope: 0.5 TU added at R2#114. Plan: Open incoming LS from R1 at R2#113B, prepare by email until R2#114. Initial Reply LS from R2#114. At next TSG RAN (June), RAN2 impact should be better known and it should be possible to somewhat adjust TU allocation if required. It was also requested to add TU time for MAC CE design towards the end of the release: 0.5 TU for one meeting. R2 Chair Comment: MAC impact is expected and R2 will have to do it. If MAC CE design acc to R1 request is the only impact then this impact is low. Can revisit also this at next TSG for better confidence.

**NR Non Terrestrial Network [R1]** +0.5 TU was requested for 113B in Status Report RP-210726. R2 Chair: Proposed to not follow this request, there is no spare TU for next quarter.

**NR Coverage Enh [R1]** No specific TU allocation in RAN2 for now. Expected impact: Configuration and UE caps. Control of RACH procedure for using CE Msg3 may require RAN2 discussion and will in any case not start in 21Q2. An update of the WID to capture such RAN2 aspects can be considered later, e.g. at June 21 TSG RAN. In RAN2 such discussion may be done together with RedCap as there may be similarity with RedCap UE identification..

**(New) RedCap [R1] - [91E][38][RedCap\_scope] –** R2 Chair: Current TU allocation matches the assumptions.

**(New) NR Positioning Enh [R1]** – [91E][36][Positioning\_scope] - TU allocation reduced cmp. previous meeting (in the proposal in RAN2 report) 0.5 TU for 113B, to have this WI share the 2-meeting-quarter reduction.

**(New) QoE [R3]** – [91E][11][QoE\_WI] TU request matches R2 allocation, except for the last meeting and R3 is expected to continue to the end, so 0.5 TU added for R2#117 (the last meeting).

**(New) SL Relay [R2] -** [91E][09][SL\_Relay\_WI] - TU request matches R2 allocation – no change

**(New) RAN Slicing [R2]** - [91E][10][RAN\_Slicing\_WI] TU request 0.5 TU per meeting additionally to current allocation. R2 Chair Comment: at least for meetings in Q2, current allocation should be ok, as SA2 has not concluded their study yet. No need for additional allocation now (and it will be difficult to increase later).

**(New) 5G Broadcast BWs [R4]** - [91E][41][5G broadcast bands] - TU request is 0.25 TU for one meeting 117, R2 chair: This is ok, no issue, but Instead allocated with R17 Other.

# General

RAN2 Chairman:

1/ There are no major additions/subtractions of TUs to/from any specific WI at current meeting, at most 0.5 TU at one specific meeting for a WI (cmp to plan at last TSG meeting).

2/ In Q2, R2 is now 100% booked, and for the rest of R17 it seems difficult to add any new WI without removing something else (or use TEI time if small).

3/ For following quarters after Q2 for R2, there might be a possibility to re-arrange 0.5-1 TU per meeting. At the same time, the feMimo WI may require slightly more time after Q2 (TBD in June), RAN Slicing and QoE enh are also somewhat under-allocated after Q2.

4/ It is important that R17 WIs in R2 start to stabilize now and focus is shifted from exploration to convergence.