

Source: RAN WG3 Vice Chairman
Title: Release 4 WI readiness assessment from WG3 vice chairman to TSG RAN
Document for: Discussion
Agenda Item: x.y.z

1. Background

Following is the assessment Work Item per Work Item readiness for RAN#11 for those targeted for release 4.

It shall be noted that this assessment is making three important assumptions:

- The amount of R99 related CRs, their scope and time spent on them will be significantly reduced
- There is sufficient contribution on the relevant Work Item
- No significant not already identified technical issue is discovered when completing the technical work.

4 R4 WORK ITEMS

5.1 Iu related work items, R3 leading

PS-domain handover for real-time services

This WI shall be ready for RAN#11

RAB QoS negotiation

This WI shall be ready for RAN#11 provided that agreement is reached on a solution between different candidate solutions

RAB QoS renegotiation

This WI is much less mature than the two previous one. It is not impossible for RAN#11 provided agreement is reached, but the uncertainty is higher

5.2 Iu related work items, others leading

TrFO / TFO

Only Study phase has been covered so far. The highest risk is the time to build the technical solution. So it is not impossible to complete the work for RAN#11 but high risk.

RAB support enhancements

Due to the maturity and level of activity, as well as some agreement to be reached, it is quite unlikely that this WI will be completed for RAN#11

5.3 Iur/Iub related work items, R3 leading

RRM optimisation on Iur/Iub

Only the rate control part of this WI is likely to be completed by RAN#11. The other parts are quite unlikely to be ready for RAN#11

5.4 Iur/Iub related work items, others leading

Low chiprate TDD option, Iur/Iub aspects

Completion of this WI is foreseen as possible for RAN#11 provided that the current assumption that only the L1 parameters will be affected remains valid. However, the time will be tight.

UE positioning in UTRA

Completion of this WI is foreseen possible for RAN#11.

Node B synchronization for TDD (Iur/Iub aspects), TR25.838

Only little work (due to time) has been done so far. However it cannot be excluded that this WI will be ready for RAN#11.

Terminal power saving features (Iur/Iub aspects), TR25.938

Completion of this WI is foreseen possible for RAN#11.

Improved common DL channel for CELL_FACH state

This WI is not foreseen to be ready for RAN#11 since no activity has started in RAN3.

High-speed DL packet access study

This WI is not foreseen to be ready for RAN#11 since no activity has started in RAN3.

DSCH power control improvement in soft handover

No time has been available to progress this WI. However it cannot be excluded that it can be ready for RAN#11.

5.5 General UTRAN work items

QoS optimisation for AAL2 connections (Q.2630 CS2), TR 25.934

Completion of this WI is foreseen possible for RAN#11.

IP transport in UTRAN, TR 25.933

Quite detailed solutions are available for this WI. However, there are 4 major areas (L2 standardisation or not, Level of multiplexing above or below IP, IPv6 only or not solution, IP and ATM compatibility) on which agreement is needed to progress the technical work. If such an agreement is reached at next RAN3 meeting, completion of this WI could be possible for RAN#11, however such an agreement is not certain in this timeframe.

Migration to Modification Procedure

Situation is not clear because no TR has been agreed yet in RAN3. However, based on initial discussion, the impact seems quite low, thus completion for RAN#11 is not impossible.