

Source: TSG RAN Secretary

Title: RAN - specific information on Features, BBs and WTs

Agenda item:

1 Approved Work items and Study items

1.1 Approved Work items

1. Low chip rate TDD option
2. FDD Base station classification
3. TDD Base stations classification
4. High speed downlink packet access
5. Support of Location Services in UTRA TDD
6. Support of Location Services in UTRA FDD
7. Hybrid ARQ II/III
8. NodeB Synchronisation for TDD
9. UTRA Repeater Specification
10. QoS optimization for AAL type 2 connections over Iub and Iur interfaces
11. Terminal power saving features
12. Handover for real-time services from PS-Domain
13. RAB Quality of Service
14. Negotiation over Iu RRM optimizations
15. Radio access bearer support enhancement
16. Compressed mode enhancements
17. Support of Multiple CCTrCH in downlink (FDD)

1.2 Approved Study items

1. Radio link performance enhancements
2. USTS
3. Feasibility Study for Improved Common DL Channel for Cell-FACH State

2 List of features and building blocks

TSG-RAN agreed the following preliminary list of features/building blocks that had been allocated to TSG-RAN, elaborated by TSG-SA WG2 and then modified by TSG-RAN:

- LCS support in UTRAN
[Request from SA2](#)
- SOLSA
[Request from SA2](#)
- Radio Interface Testing and requirement on equipment
- RAN O&M
[Request from SA2 and SA5](#)
- Out of Band Transcoder
[Proposed to be deleted because some solutions do not involve UTRAN](#)
[NOTE: SA did not approve this deletion. RAN will do something if it needs to do something](#)
- Evolution of bearers on the radio interface to enable IP based multimedia in UMTS
[Request from SA2](#)
- UTRAN improvement (UTRAN Internal Interfaces)
[To be broken down by RAN](#)

- Radio Interface Improvement
To be broken down by RAN
- Evolution of transport in the UTRAN (this belong to a feature called “evolution of the transport”)
- Positioning method enhancement
Proposed by RAN

3 Preliminary classification of Work Items

This is a draft version for further discussion and completion, on the classification of work items and their allocation to parent features and building blocks.

Work Item	Feature	Building Blocks	Work task	Parent Feature/ Building block
Lower chip rate TDD (RP-00057)	X			
AAL2 QoS optimisation (RP-000134)			X	Evolution of the transport in the UTRAN (BB)
BTS classification (RP-00029& RP-000132)		X		Stand Alone BB
LCS for TDD and FDD (RP-00053 & RP-000135)		X		LCS Feature
Hybrid ARQ (RP-00054)		(?)		Radio Interface Improvement Feature
Node B Synchronisation in TDD (RP-00055)		X		Radio Interface Improvement and RAN Improvement Features
DL CPCH (RP-000150)		(?)		Radio Interface Improvement Feature
Repeaters (RP-00083)		X		Radio Interface Improvement and Position Method Enhancement Features
High speed DL (RP-00032)		(?)		Radio Interface Improvement and RAN improvement Features
Gated Transmission (RP-000155)		(?)		Radio Interface Improvement Feature
Handover for Real time Services on the PS (RP-000127)		X		Radio Interface Improvement, RAN Improvement and Evolution of bearers on the radio to enable IP based multimedia in UMTS Features
RAB QoS Negotiation over Iu (RP-000137)			X	RAN Improvement Feature
RAB Support (RP-000140)		X		RAN Improvement and Evolution of bearers on the radio to enable IP based multimedia in UMTS Features
RRM support over Iub and Iur (RP-000138)		X		Radio Interface Improvement and RAN Improvement Features
USTS (RP-000139)		(?)		Radio Interface Improvement Features
Compress Mode (RP-000180)		(?)		Radio Interface Improvement Features
Radio Link Performance Enhancement (RP-000181)			X	Radio Interface Testing and requirement on equipment BB
Support of Multiple CCTrCH (RP-000169)		(?)		Radio Interface Improvement Feature

