



TSG-RAN#6 Meeting Report

SP-99629

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NEC

General

- Around 130 Participants
 - 270 Contributions
 - Around 350 CRs
 - Around 40 Release'99 forms
 - 3 day meetings, 9:00 – 19:00
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RAN WG1

- All the specifications are already in Ver.3
 - Around 120 CRs approved
 - Over 2000 Tdocs
 - 6 Release'99 forms
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WG1 Progress (1)

- 25.211 Physical Channels and Mapping of Transport Channels to Physical Channels (FDD)
 - Idle periods for position
 - Sliding paging indicators
 - 20 ms RACH message length included
 - CPCH power control preamble length defined
- 25.212 Multiplexing and Channel coding (FDD)
 - TFCI Coding/mapping for compressed mode refined
 - Blind transport format detection description in Annex modified
 - Common channel coding defined:
 - DSCH and FACH with same coding options DCH

WG1 Progress (2)

- **25.214 Physical Layer Procedures (FDD)**
 - 20 ms message length included for RACH procedure + other updates for RACH procedure
 - Open loop power control removed (In WG2 specs)
 - AICH power offset refined
 - Power control refined in SHO
 - Closed loop TX diversity clarifications
 - **25.215 Measurements (FDD)**
 - Ranges for measurement values defined
 - Clarifications for compressed mode parameterization, CFN-SFN timing measurements and Primary CPICH measurements
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WG1 Progress (3)

- 25.221 Physical Channels and mapping of transport channels to physical channels (TDD)
 - Slot structures clarified
 - Primary and secondary CCPCH concept introduced
 - Variable/multicode issue defined uplink/downlink
 - Superframe concept removed
 - TFCI bit transmission with multiple slot defined
 - 25.222 Multiplexing and Channel coding (TDD)
 - TFCI with secondary CCPCH included
 - TFCI mapping clarified
 - Physical channel mapping modified
 - Rate matching rule updated for TDD
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WG1 Progress (4)

- 25.223 Spreading and Scrambling (TDD)
 - **Code allocation clarified**
 - **Terminology aligned**
 - **Primary and Secondary CCPCH terminology included**
 - 25.224 Physical Layer Procedures (TDD)
 - **STTD with common channels included**
 - **Spreading terminology clarified**
 - **Open Item: Out-of-sync needs some definitions for TDD as well.**
 - 25.225 Measurements (TDD)
 - **Superframe references were removed**
 - **Block STTD capability for Primary CCPCH included**
 - **Measurement definitions and ranges updated**
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RAN WG2

- Around 120 CRs approved
 - Over 2000 Tdocs
 - 3 TSs, approved and raised to Ver.3
 - Stage 2 Functional Specification of Location Services in UTRAN(25.305)
 - Packet Data Convergence Protocol (PDCP) Specification (25.323)
 - Radio Interface for Broadcast/Multicast Services (25.324)
 - 3 TRs approved and raised to Ver.3
 - Guidelines and Principles for protocol description and error handling
 - Radio Resource Management Strategies
 - Radio Interface for Broadcast/Multicast Services
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Major progress in WG2

- SRNS relocation
 - PDCP architecture
 - Ciphering architecture
 - LCS stage 2
 - Methodology for RRC description
 - Routing of NAS signaling
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RAN WG3

- Around 2000 Tdocs
- Around 40 CRs approved
- 7 TSs Approved and raised to Ver.3
 - Synchronisation in UTRAN Stage 2 (25.402)
 - UTRAN Iu interface RANAP signalling (25.413)
 - UTRAN Iur Interface: General Aspects and Principles (25.420)
 - UTRAN Iur interface RNSAP signalling (25.423)
 - UTRAN Iur interface user plane protocols for CCH data streams (25.425)
 - UTRAN Iub Interface: General Aspects and Principles (25.430)
 - NBAP specification (25.433)
- 24 Release'99 forms submitted
- Many tasks remaining for R'99

RAN WG4

- Around 1000 Tdocs
 - Around 80 CRs approved
 - 4 Specs approved
 - Base station EMC (25.113)
 - Support of RF parameters in Radio Resource Management (TDD) (25.123)
 - Support of RF parameters in Radio Resource Management (FDD) (25.133)
 - Base station conformance testing (FDD) (25.141)
 - No Release'99 forms submitted, although some parameters are still in []
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ITU Ad Hoc

- RAN specs are successfully accepted as IMT2000 specs
 - ITU-R TG8/1 is terminated
 - ITU Ad Hoc will be in “dormant” state
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Release 2000

- Work items agreed in RAN #6
 - TDD Lower chip rate
 - IP transport within UTRAN
 - Gated CPICH Transmission
 - Under feasibility study
 - Radio repeaters
 - Several items are left over from R'99
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Summary of RAN#6

- All the RAN specs are raised to Ver.3
 - Around 350 CRs are approved
 - 27 Release'99 forms are agreed. (SP-99617)
 - RAN WG3 has a large amount of tasks remaining on Release'99
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Activity in Year 1999

- 52 Specifications are **newly** created
 - Around 8000 Tdocs altogether
 - Each WG held 9 official meetings, 3-4 days each, plus some Ad Hoc meetings, workshops
 - 50 e-mails on reflector every day
 - OHG recommendations are incorporated
 - Harmonization with 3GPP2
 - Successfully adopted as IMT2000 standard at ITU-R TG8/1
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