

**Technical Specification Group, Radio Access Network
Meeting #5, Korea, 6 - 8 October 1999**

TSGR#5 (99)459

Status report of RAN WG2

Denis Fauconnier

RAN WG2 Chairman

Nortel Networks

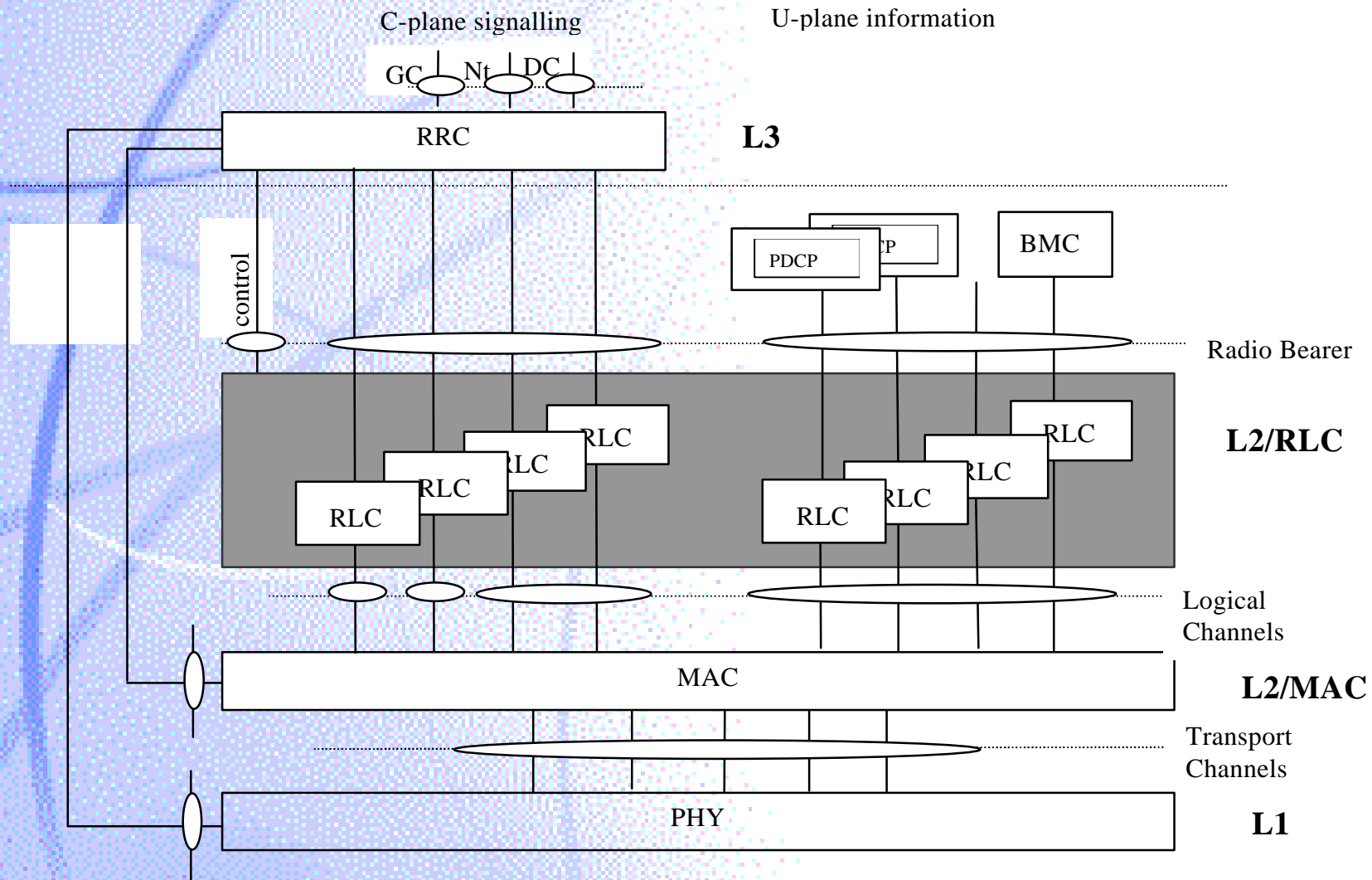
Meeting statistics

- **3 RAN2 meetings held since last RAN meeting**
 - July 99 hosted by ETSI
 - August 99 hosted by ETSI
 - September 99 hosted by Telelogic
- **3 joint meetings held since last RAN meeting**
 - joint R2/R3/N1/S2/S2 on handover
 - joint R2/S2 on architecture items
 - joint R2/S2 on LCS
- **About 90 regular attendants**

Summary of results (Technical Specs)

- **RP-99460: 21 CRs to TS 25.301 v3.1.0, CRs 4 to 6, 8 to 25**
- **RP-99461: 14 CRs to TS 25.302 v3.0.0, CRs 1 to 14**
- **RP-99462: 14 CRs to TS 25.303 v3.0.0, CRs 1 to 9, 12 to 16**
- **RP-99464: 18 CRs to TS 25.321 v3.0.0, CRs 1 to 6, 10 to 21**
- **RP-99464: 25.304 presented for approval**
- **RP-99465: 24.322 presented for approval**
- **RP-99524: 25.331 presented for approval**
 - RP-99524 replaces RP-99468
- **RP-99466: new document 25.323 on PDCP protocol**
- **RP-99467: new document 25.324 on BMC protocol**

Latest Radio Interface architecture



Summary of results (Technical reports)

- **RP-99469** **3GPP TR 25.921: Guidelines and principles for protocol description and error handling**
- **RP-99470** **3GPP TR 25.922: Radio Resource Management Strategies**
- **RP-99471** **3GPP TR 25.923: Location Services (LCS)**
 - Document scope has been modified. It is requested that the document be moved into a Technical Specification
- **RP-99472** **3GPP TR 25.924: ODMA**
- **RP-99473** **3GPP TR 25.925: Broadcast/Multicast services**

Not yet complete items essential for release'99

- **Items with dependency with other WGs:**
 - UE capabilities management
 - Support of CN signalling (N(SD))
 - SRNS relocation
 - Routing of CN signalling messages
 - Outer Loop Power control for downlink
- **Items started but yet to complete:**
 - Ciphering
 - Methodology for description of RRC specification
 - Encoding of RRC messages
 - Protocol error handling
 - LCS
 - BMC and PDCP protocols

Not complete items not essential for rel99 and under discussion for rel99

- Gated transmission
- Slow TPC

Items agreed to be for release'00

- **FAUSCH**
- **Asymmetric reconfiguration**
- **Hybrid ARQ**
- **Multiplexing in the PDCP layer**
- **UE speed estimation**

Location Services

- **Agreement with SA2 on way forward:**
 - SA2 to produce a System Stage 2, with UTRAN as “black box”
 - RAN WG2 to write UTRAN stage 2, based on Technical Report 25.923
 - need to change from TR to TS
- **UTRAN stage 2 well progressed, more work needed**
- **First selection of Position Method**
 - OTDOA
 - Network Assisted GPS
- **LS RP-99507 to be presented**

Hooks and Extensions

- **One hook identified and incorporated**
 - CN Type on BCCH
- **First list of extensions identified in H&E Workshop**
- **Request from 3GPP2 to maintain “Up to date” specification**
 - Incorporation of CRs by WG2 after each meeting
- **Work on extensions to progress in next coming meetings**
 - Description methodology, in RRC ad-hoc 19-21st October
 - Extensions in next coming RAN2 meeting
- **Time plan needed for RAN approval of results**
- **LS RP-99508 to be presented**

Broadcast services

- **Only SMSCB shall be supported in rel 99**
- **Agreement with SA2 on way forward**
 - Common Technical Report shall be used, 25.925
- **Agreement in RAN2 on mechanism for SMSCB**
 - New logical channel created
 - Scheduling in the RNC
- **New protocol started, Broadcast/Multicast Control (BMC) protocol**
 - TS 25.324
 - Proposed to be approved in December by RAN

Compression of IP headers

- **Request from SA2 to add a new function in UTRAN, L3CE**
- **L3CE renamed into PDCP, Packet Data Convergence Protocol**
- **Agreement in RAN2 on architecture for PDCP**
 - model for rel 99 is 1 RAB / 1 PDCP / 1 RLC
 - rel 00 shall allow for n RAB / 1 PDCP / 1 RLC
- **New protocol started, PDCP protocol**
 - TS 25.323
 - Proposed to be approved in December by RAN

Other items

- **Extension of scope of 25.331**

Future meetings

- RAN2 ad-hoc on 25.331 19 - 21 October
- RAN2 #8 02 - 05 November
- RAN2 #9 06 - 10 December
- **RAN #6 13 - 15 December**
 - RAN2 #10 17 - 21 January
 - RAN2 #11 28 Feb - 03 March
- **RAN #7 13 - 15 March**
 - RAN2 #12 10 - 14 April
 - RAN2 #13 22 - 26 May
- **RAN #8 05 - 07 June**
 - RAN2 #14 03 - 07 July
 - RAN2 #15 21 - 25 August
- **RAN #9 25 - 27 September**
 - RAN2 #16 02 - 06 October
 - RAN2 #17 13 - 17 November
- **RAN #10 11 - 13 December**