



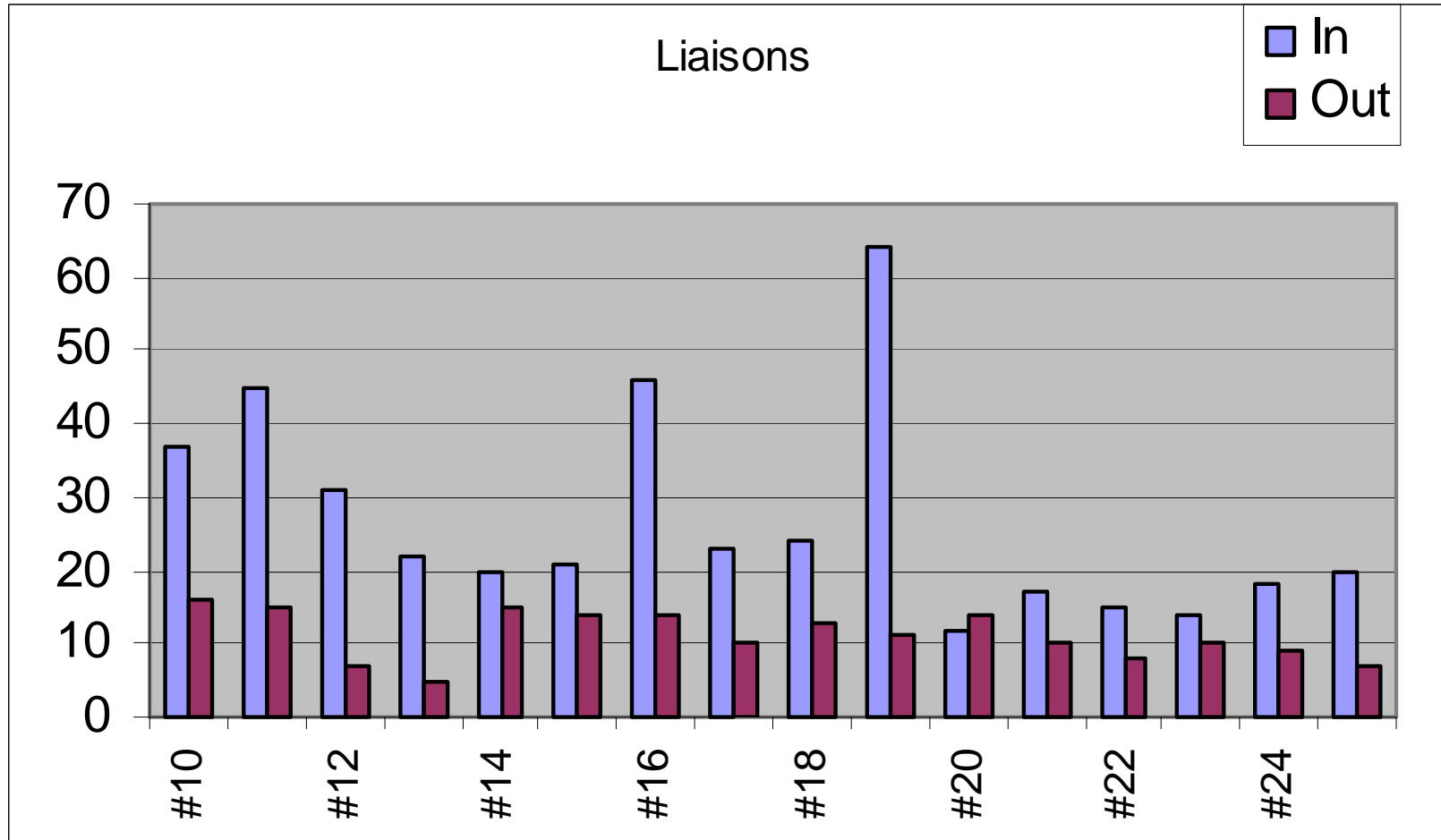
Report from WG3 chairman to TSG-RAN #14

Martin Israelsson
RAN WG3 Chairman

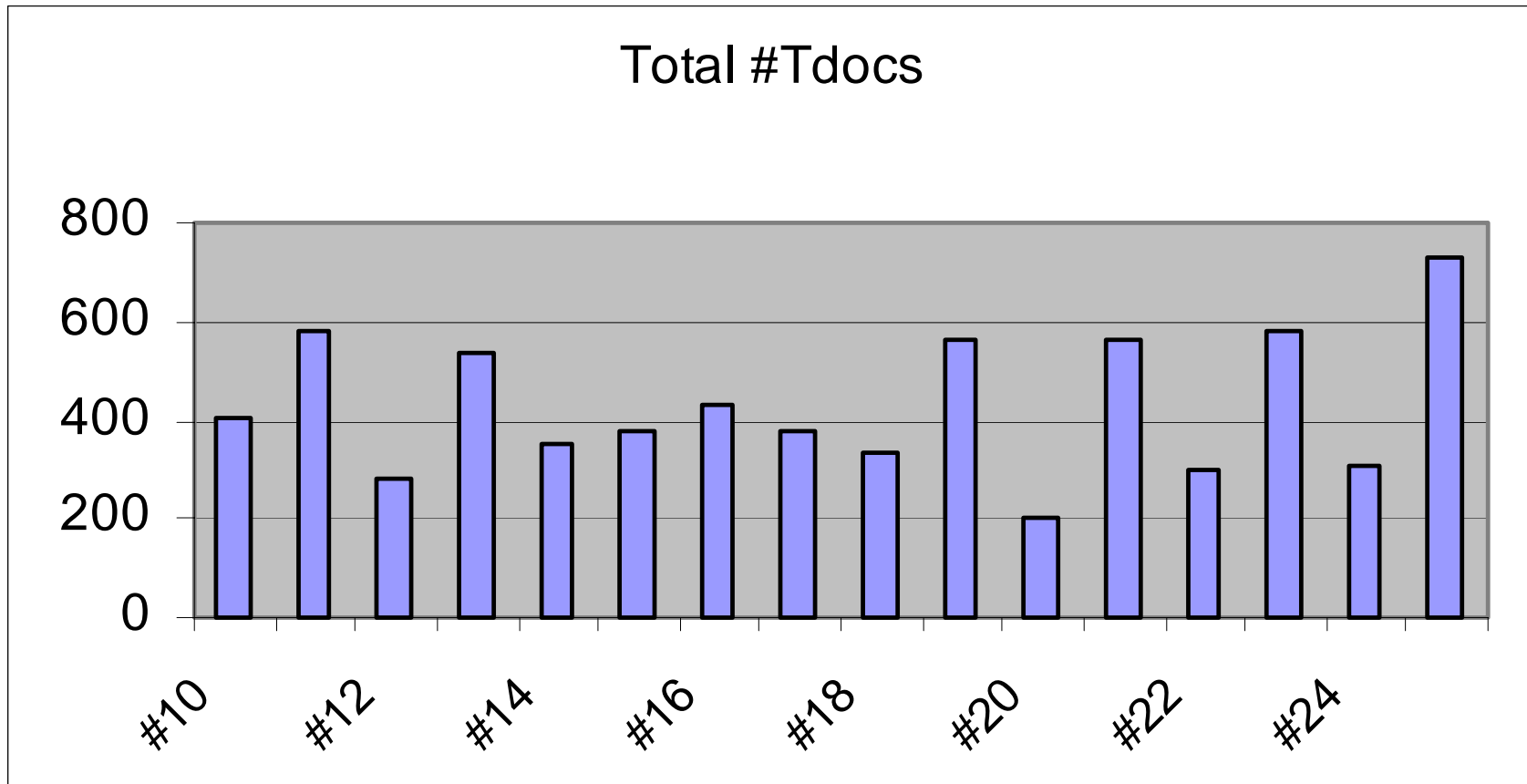
Meetings since previous RAN Plenary

- RAN WG3#24 in October
- RAN WG3 & CN4 adhoc in November
- RAN WG3#25 in November

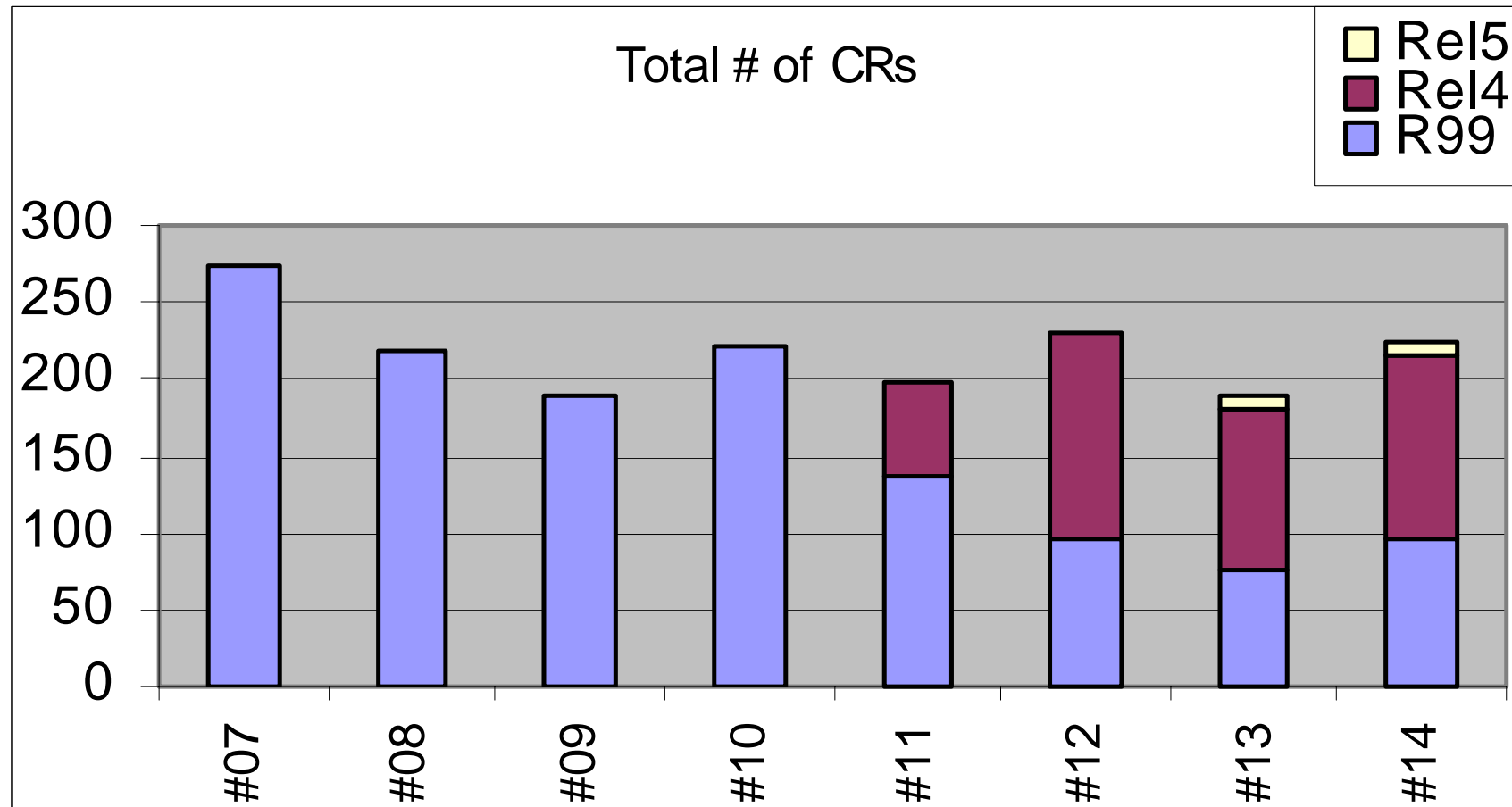
Liaison statements In/Out



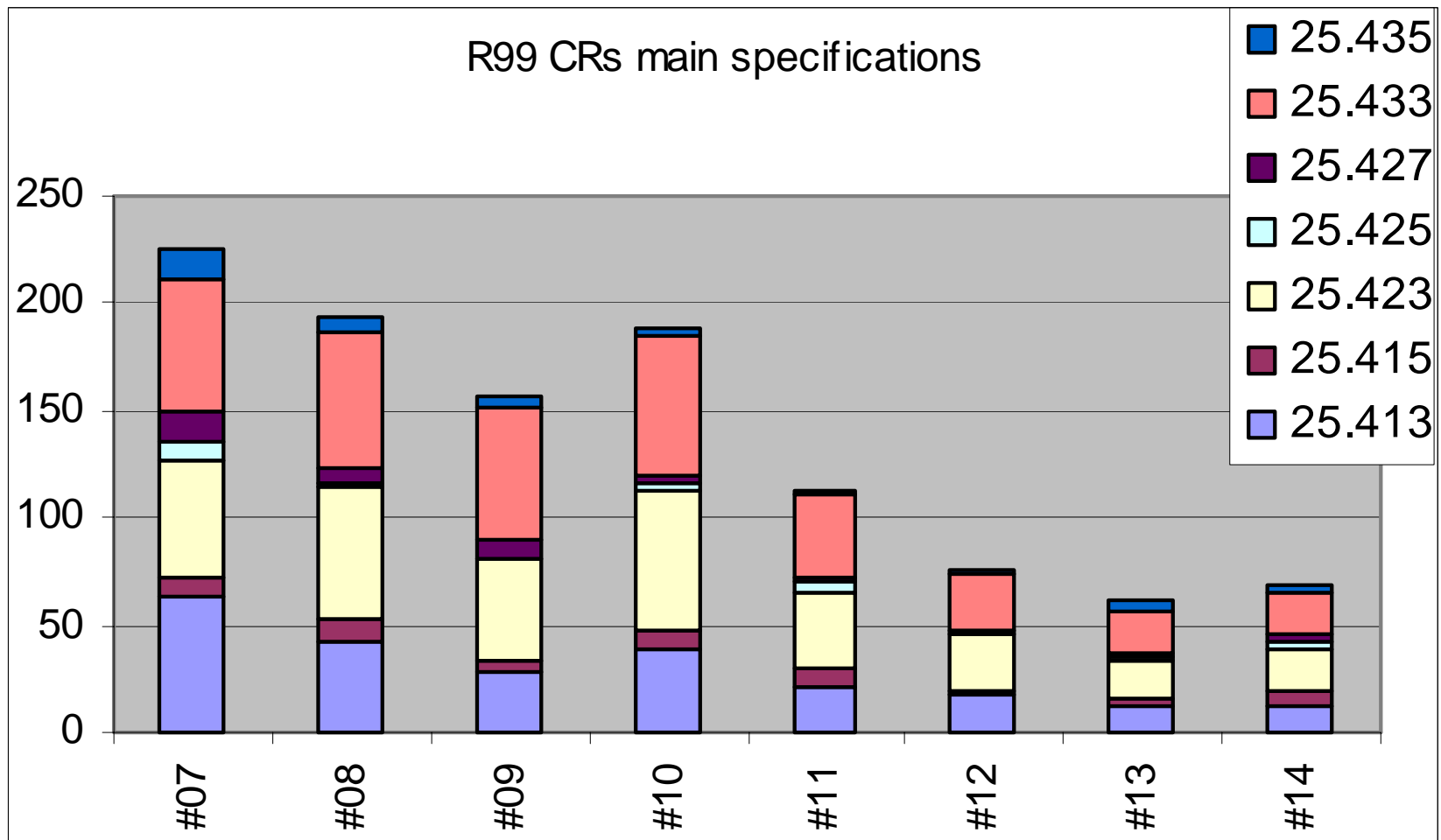
Total number of documents per meeting



Total number of WG3 approved CRs



R99 CR statistics for main specifications



Actions on WG3 from TSG RAN #13

☺ To study the IP Based Multimedia Services Framework report from TSG-SA WG1 in LS **RP-010505 (S1-010869)** and its impacts urgently.

⇒ Hard to identify impact based on the Framework report. Agreed to wait on draft stage 2.

Actions on WG3 from TSG RAN #13

☺ To handle (with WG2) the latest version of TR 22.146 Multimedia Broadcast/Multicast Service and the LS it was included with (see **RP-010506**)

⇒ Agreed to not start any activities in RAN3.

Companies should bring up potential RAN3 issues to their S2 delegates.

Actions on WG3 from TSG RAN #13

☺ To review LS on AAL Type 2 Resource Management **RP-010510 (LS23/13)** and respond if required.

- ✓ Response LS submitted to RAN (**RP-010890**) for approval and forwarding to ITU-T Study Group 13

Actions on WG Chairmen/MCC support from TSG RAN #13

☺ "isolated impact" statements in all CRs

- ✓ In all CRs now. Quite a lot of meeting time used for this.

☺ clear status reports on each WI/SI. Mention WG Tdoc# for referred to TRs.

- ✓ Based on new template

☺ explicit completion date in WIs/SIs status reports

- ✓ Done.

Actions on WG Chairmen/MCC support from TSG RAN #13

☺ Discussions on **RP-010717** (identify conflicting features)

⇒ resulted in 1 contribution proposing to remove the IP transport option in R99. No consensus was however reached on the proposal.



Release 99 and Release 4 activities

General

- Several R99 & Rel4 corrections are related to clarifications on “Chapter 10”, which generates sets of 9 CR’s per correction.
- 24 Rel4 only CRs
- R99 and Rel4 occupies about 60% of meeting time
- For complete list of CRs on R99 & Rel4, see **RP-010845**



Release 5 activities

RRM optimizations for lur and lub (BB) (1)

- RL Timing adjustment
 - Has received feed back from R1 but also waiting RAN2 progress in order to go finalise agreements and change requests.
 - Status report in RP-010878
- Separation of resource reservation and radio link activation
 - Ongoing, several contributions treated during last two meetings.
 - Status report in RP-010879

RRM optimizations for Iur and Iub (BB) (2)

- Iur Common Transport Channel Efficiency Optimisation
 - Ongoing
 - Status report in RP-010885
- Iur Neighbouring cell reporting Efficiency Optimisation
 - Ongoing
 - Status report in RP-010884

Re-arrangement of lub Transport Bearers(BB)

- TR25.880 V0.3.0.
- Ongoing.
- Status report in RP-010880

IP transport in UTRAN

- Most of study areas are almost complete
 - The joint RAN3 CN4 adhoc didn't solve the *M3UA / SUA issue*.
 - Synchronisation: *completed*.
 - Security: *working assumption, Rel5 IP UTRAN is a closed network. To be confirmed by SA3.*
- TR 25.933 v1.5.0 presented for information in **RP-010876**
- Status report in **RP-010877**

NAS Node Selector Function

- Very good progress the last two meetings
- TR 25.875 v1.0.0 presented for information in **RP-010881**
- Status report in **RP-010882**

RAN3 status reports sent to WI rapporteurs (1)

☺ The following WIs has been progressed

- NodeB Synchronisation for 1.28 Mcps TDD (R1) [R3.004 V0.4.0]
- Enhancement on the DSCH hard split mode (R1) [R3.005 V0.3.0]
- UE positioning enhancements for 1.28 Mcps TDD (R2) [R3.003 V1.0.0]
- HSDPA Iub/Iur protocol aspects (R2) [TR 25.877 V0.3.0]

RAN3 status reports sent to WI rapporteurs (2)

☹ No progress made on the following WIs

- Improved support of inter-frequency/system measurements (R1) [R3.003]. Skeleton TR submitted.
- RAB support enhancements (R2)
- Improved usage of downlink resources in FDD for CCTrCHs of dedicated type (R2) [R3.007]
- Open SMLC-SRNC interface within the UTRAN to support UTRAN Rel'4 positioning methods (R2) [R3.008]
- Enhancement of Broadcast and Introduction of Multicast Capabilities in RAN (R2)

How to progress Study Items?

It is normally very difficult to get down to the Rel5 SI's during the meetings.

During RAN3#25 it was agreed to treat the plenary Rel5 SI's during an adhoc in parallel with the IP UTRAN discussions. This made it possible to treat more of the contributions.

Assumed that the January meeting will be able to focus on Rel5 issues since the amount of R99 & Rel4 CRs will be low.

SI Improvement of RRM across RNS and RNS_BSS (R3)

- Alternative solutions and simulations has been added to TR 25.881 V0.4.0. The study is complete enough to be finalised (closed). No consensus was however reached on what to mention in the status report.
- Status report in **RP-010xxx**

SRNS relocation enhancement (R3)

- Some additional contributions handled for the RAN3 internal TR R3.010 V0.1.0
- Status report in **RP-010886**

Introduction of direct transport bearers between SRNC and Node-B (**R3**)

- TR 25.883 V0.2.0 work ongoing.
- Status report in **RP-010883**

USTS (**R1**)

- RAN3 has already indicated to RAN1 that the RAN3 part of the study is completed.

Improved common DL channel for CELL_FACH state (**R2**)

- No progress

Wideband Distribution Systems (**R4**)

- No progress

Summary

- Still spends a lot of time on R99/Rel4
- PCAP finalized
- IP UTRAN work progressed, but still no agreements on the M3UA/SUA issue.
- Work on other Rel5 topics progressed

In principle Agreed CRs for Rel5				
Tdoc WG	Spec	CR #	Based on ver.	Title
R3-013065	25.411	XXX	V4.1.0	Proposed L1 changes due to IP transport
R3-013566	25.413	XXX	V4.2.0	Signalling enhancements for GERAN lu Mode LCS
R3-012321	25.433	CR502	V4.1.0	Initial DL Power Per CCTrCH

Agreed work for Rel-5 but no in principle agreed CR agreed yet				
Tdoc WG	Spec	CR #	Based on ver.	Title
	25.423	473		Inclusion of traffic class over lur
	25.423			Introduction of Reset procedure in RNSAP
	25.423			Uplink SIR Target in RL Setup Response TDD
	25.433			Introduction of separate max PDSCH power limitation
	25.433	425r3		DL Power Capability as a shared resource between Cells
	25.423	433r1		Power Balancing Activation with Radio Link Setup and Radio Link Addition procedures in RNSAP
	25.433	496r1		Power Balancing Activation with Radio Link Setup and Radio Link Addition procedures in NBAP
	25.423	434r1		Power Balancing Restart with Radio Link Reconfiguration procedure in RNSAP
	25.433	497r1		Power Balancing Restart with Radio Link Reconfiguration procedure in NBAP



Meetings 2002

Meeting	Dates	Venue, host
WG3#25	26 - 30 November, 2001	Makuhari, Japan, Fujitsu & NEC
WG3#26	14 – 18 January 2002	Voeseendorf (Vienna), Austria, Siemens
WG3#27	18 – 22 February 2002	Orlando, FL, USA, Motorola + AWS
WG3#28	<i>08 – 12 April 2002</i>	<i>No host (R2 in Japan)</i>
WG3#29	13 - 17 May 2002	Tbd, Korea, TTA companies
WG3#30	<i>24 – 28 June 2002</i>	<i>No host, Europe ???</i>
WG3#31	<i>19 – 23 August 2002</i>	<i>No host</i>
WG3#32	<i>23 - 27 September 2002</i>	<i>No host (R2 in China)</i>
WG3#33	<i>11 – 15 November 2002</i>	<i>No host, Europe ???</i>

