



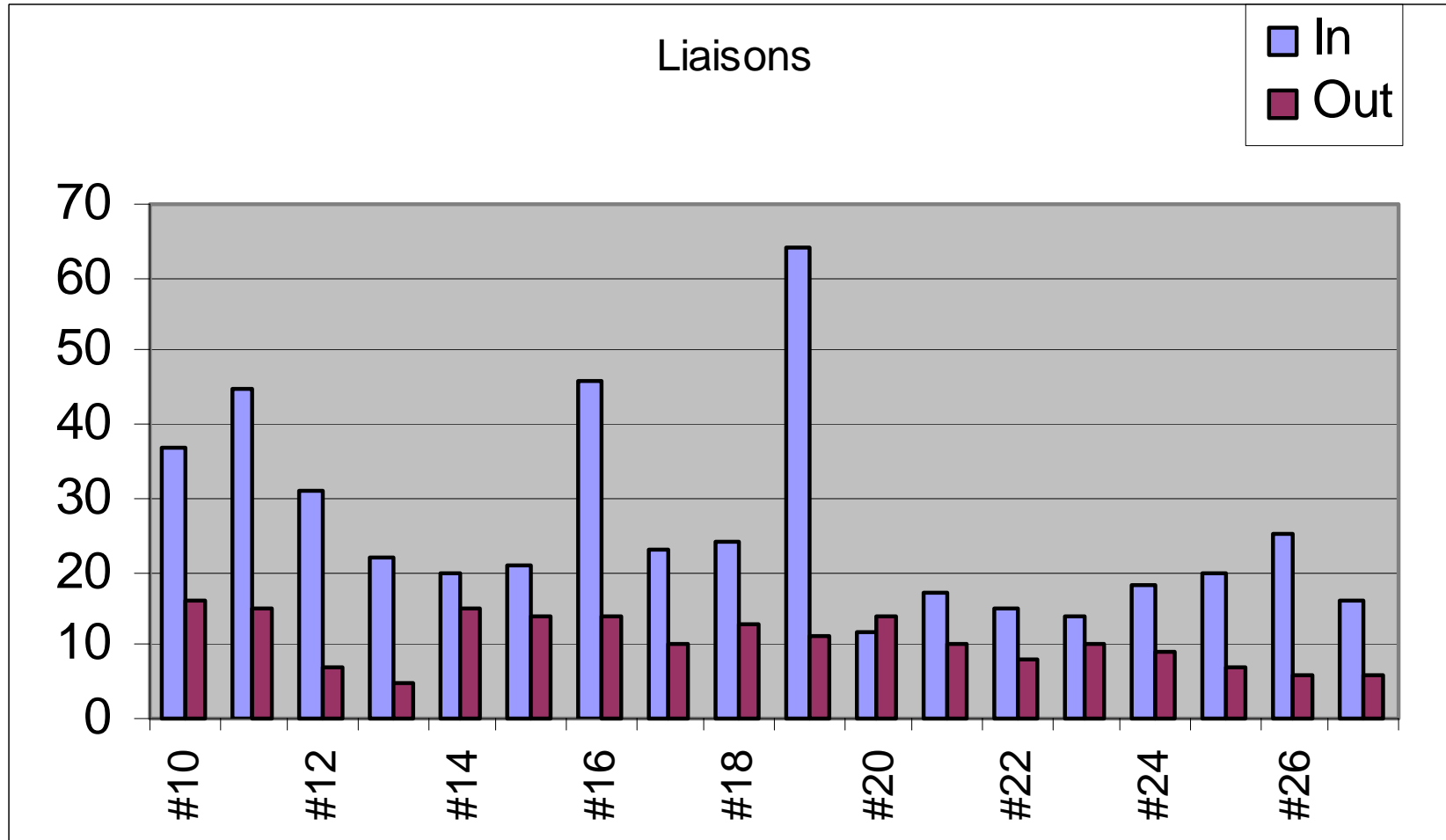
Report from WG3 chairman to TSG-RAN #15

Martin Israelsson
RAN WG3 Chairman

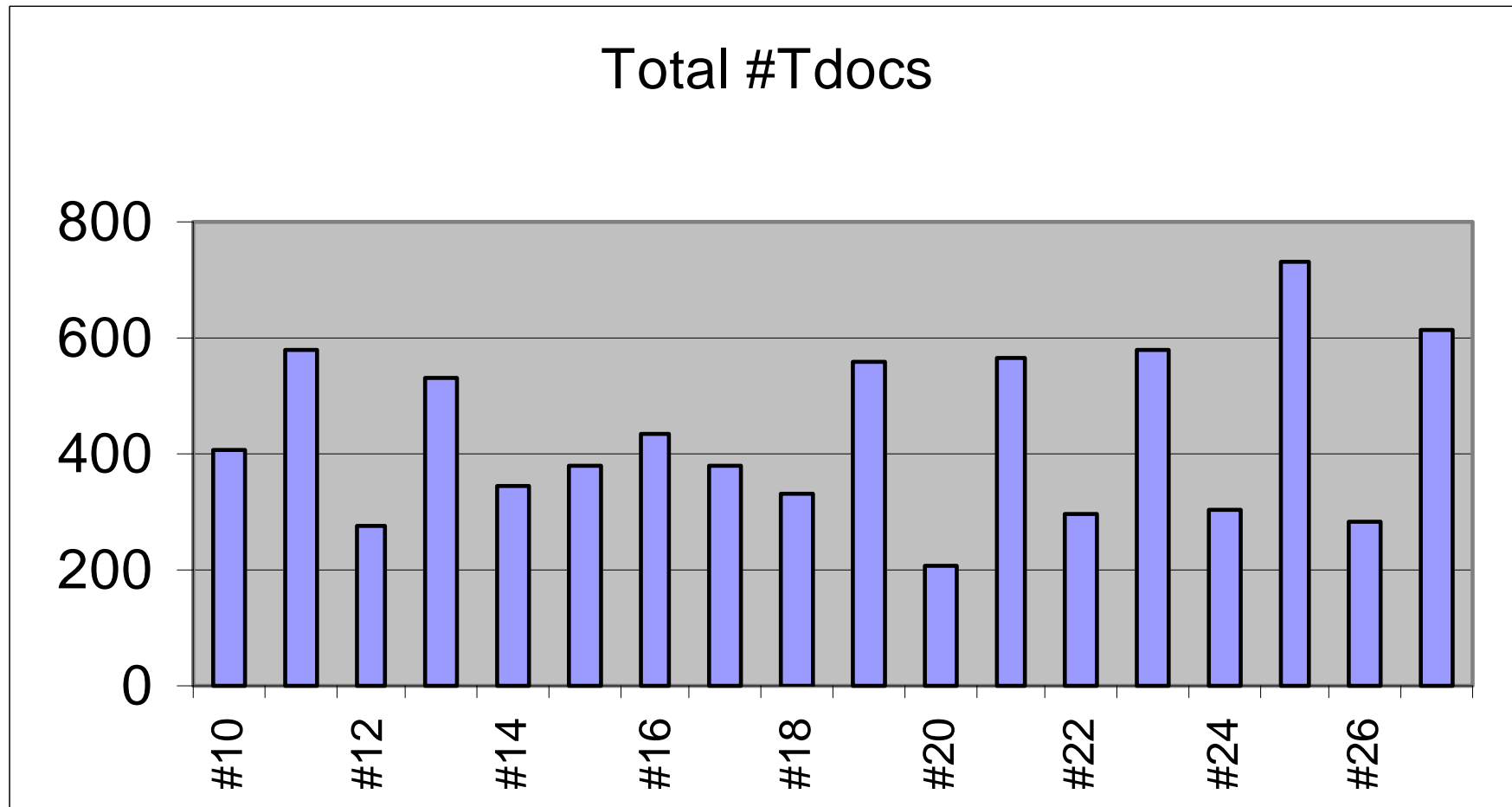
Meetings since previous RAN Plenary

- RAN WG3#26, 14-18 January, Vienna
- Joint meeting with GERAN2, 11-12 February, Malaga
 - simple CRRM solution for Rel5
- RAN WG3#27, 18-22 February, Orlando
 - Long working hours, most RAN3 people also skipped the social event and worked instead.
 - HSDPA sessions with RAN2

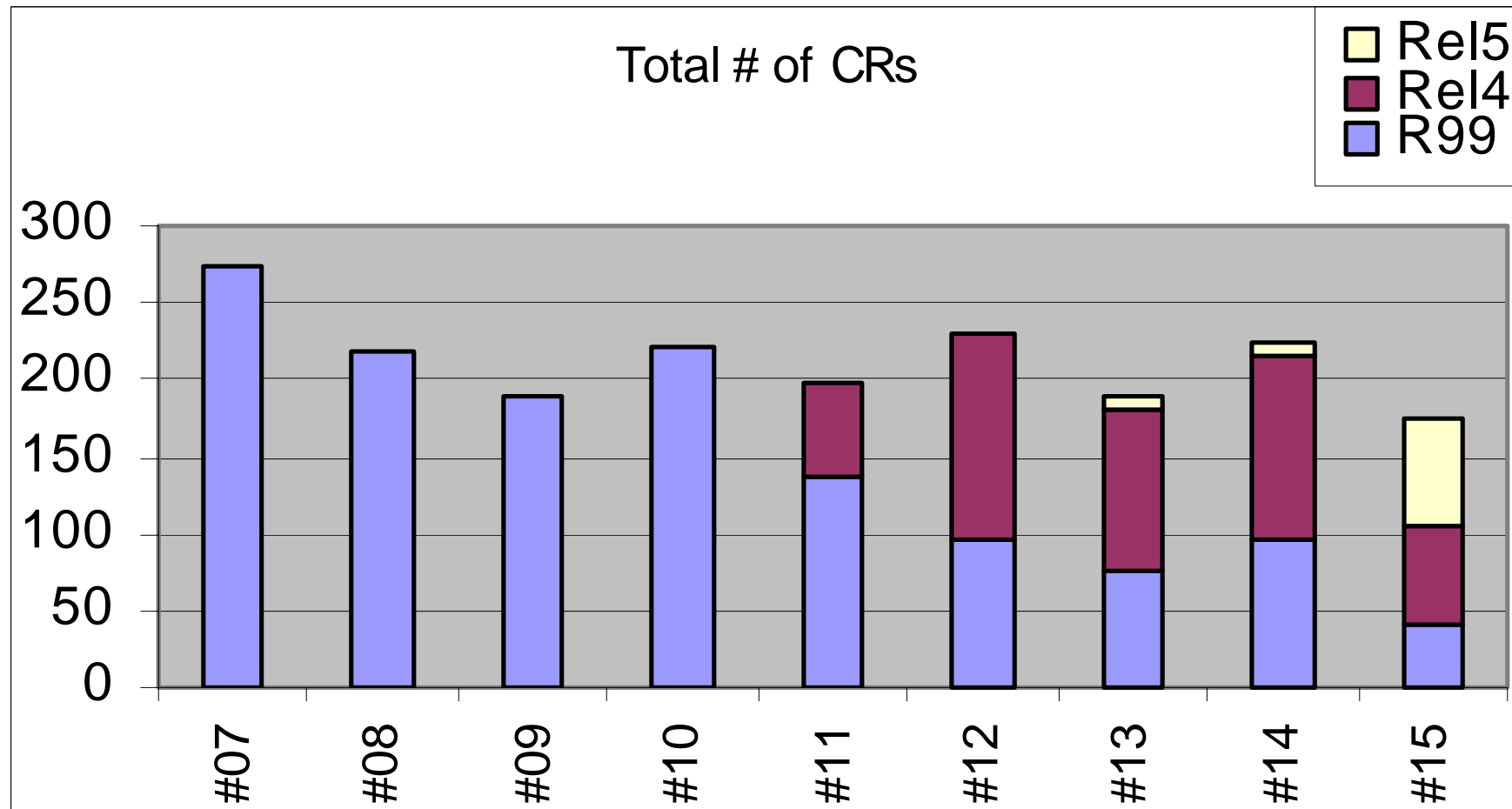
Liaison statements In/Out



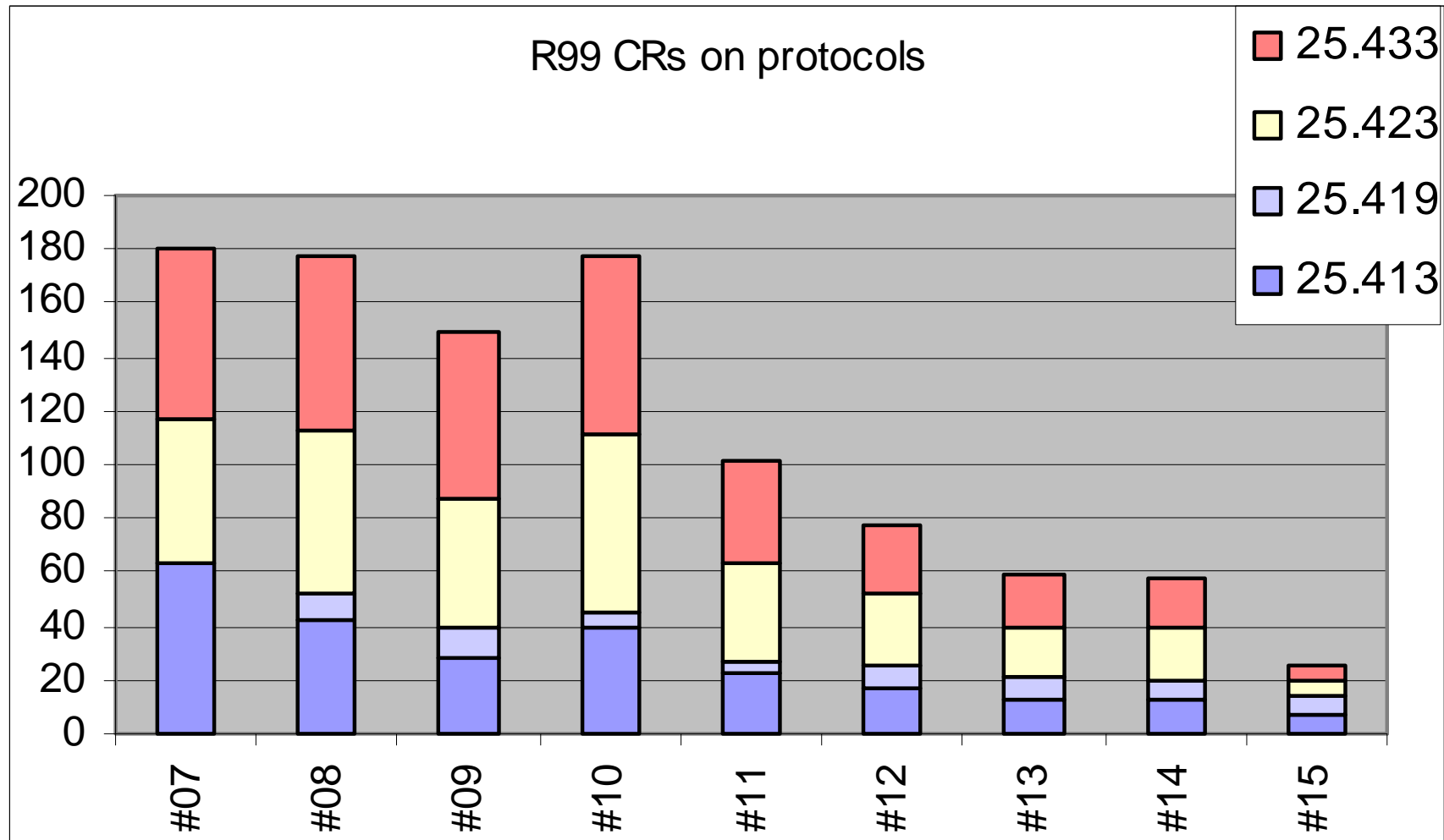
Total number of documents per meeting



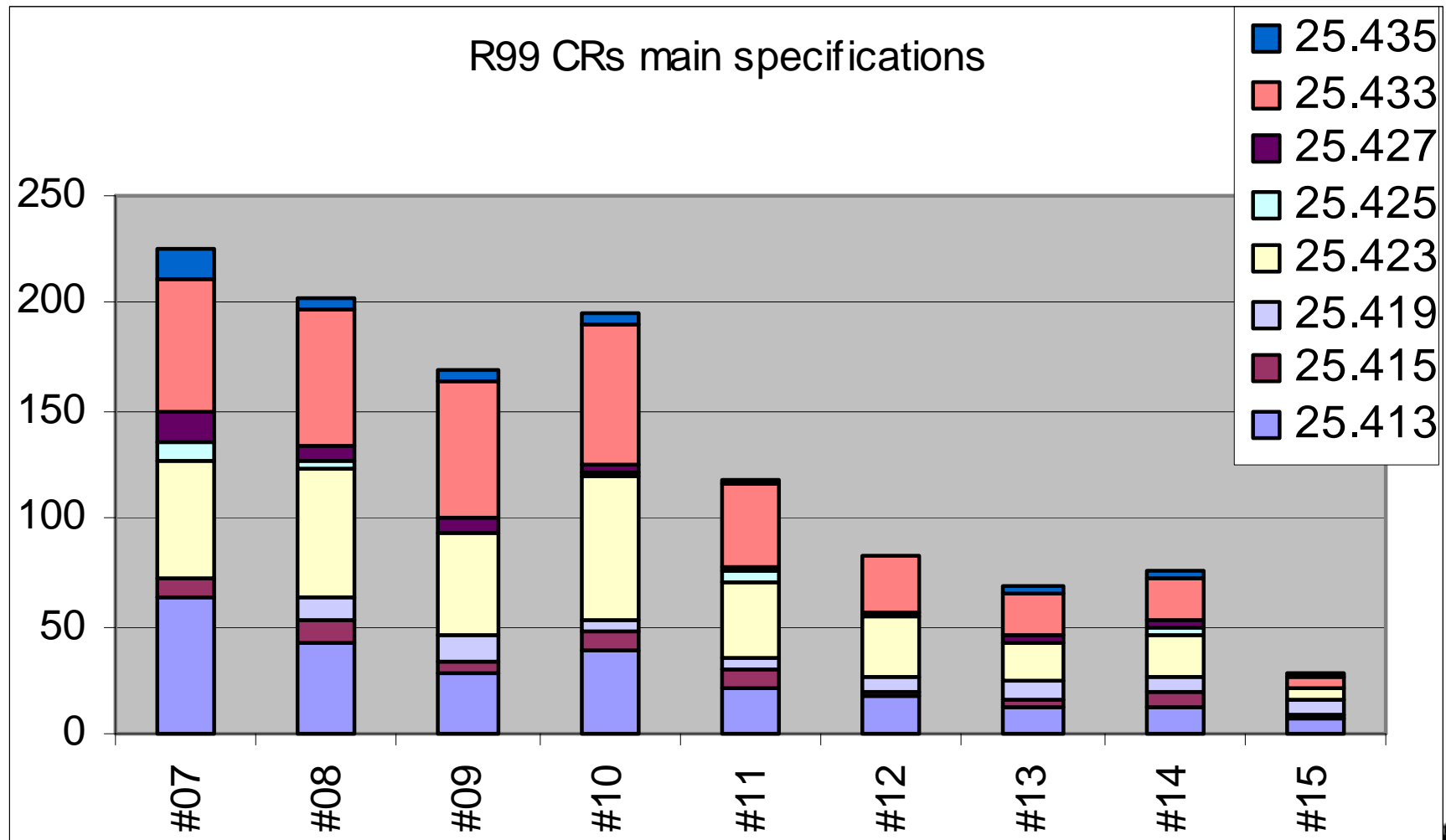
Total number of WG3 approved CRs



R99 CR statistics on protocols



R99 CR statistics for main specifications



Actions on WG3 from TSG RAN #14

To draft a WI (including assessment on what work to do in TSG-RAN as opposed to TSG-SA WG5) on the topic of "Interface to control electrical tilting antennas" (postponed WI RP-010834).

☹ Never reached that agenda item during R3 meeting 26 and 27.



Release 99 and Release 4 activities

General

- The number of R99 & Rel4 corrections are now decreasing.
- 80 R99 + Rel4 mirror CRs
- 26 Rel4 only CRs
- R99 and Rel4 occupies about 20% of meeting time
- For complete list of CRs on R99 & Rel4, see RP-020161

Any Time Interrogation LS, (RP-020212)

- ! R3 has not been able to reach consensus on this issue initiated by S2:
 - ? Essential correction R99 and onwards (RP-020184)
 - ? Modification of function Rel-4 and onwards (RP-020185)
 - ? Enhancement Rel-5 and onwards (RP-020186)
- ⇒ Coordinated effort initiated during R3#27 with R2 and S2 to bring technically correct CR packages to the TSG meetings and ask for a decision to be taken by the TSGs.

Removing of channel coding option "no coding"

- ! No consensus could be reached on the CRs, they are thus not RAN3 approved.
- ⇒ Technically correct CRs are however made available to TSG RAN for decision.
See RP-020187




Release 5 activities

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

RL Timing adjustment

 CRs approved by RAN3 and RAN2

 Status report in RP-020138

 TR 25.878 presented for information (V1.0.0, RP-020139) and approval (V2.0.0, RP-020140).

 The WI can be closed if the presented CRs are approved.

RRM optimizations for lur and lub (BB) (2)

↪ Separation of resource reservation and radio link activation

😊 CRs approved by RAN3

📄 Status report in RP- 020141

📖 TR 25. 879 presented for information (V1.0.0, RP-020142) and approval (V2.0.0, RP-020143).

✅ The WI can be closed if the presented CRs in RP-020199 are approved.


RRM optimizations for Iur and Iub (BB) (3)

Iur Common Transport Channel Efficiency Optimisation

 CRs approved by RAN3

 Status report in RP-020209

 The RAN3 internal TR R3.002 V1.0.0 has been approved.


 The WI can be closed if the presented CRs in RP-020197 are approved.


RRM optimizations for Iur and Iub (BB) (4)

Iur Neighboring cell reporting Efficiency Optimisation

 CRs approved by RAN3

 Status report in RP-020151

 TR 25.884 presented for information (V1.0.0, RP-020152) and approval (V2.0.0, RP-020153).

 The WI can be closed if the presented CRs in RP-020192 are approved.

Re-arrangement of lub Transport Bearers(BB)

☺ Agreed late on email reflector to finalise the WI as one company showed concerns that the solution does not address the combination of the SRNC to Node B transport bearers and lub Bearer Re-arrangement.

☺ CRs approved by RAN3

📄 Status report in RP-020144

📖 TR 25.880 presented for information (V1.0.0, RP-020145) and approval (V2.0.0, RP-020146).

☑ The WI can be closed if the presented CRs in RP-020192 are approved.

IP transport in UTRAN

😊 CRs approved by RAN3

📄 Status report in RP-020135

📖 TR 25.933 v2.0.0 presented for approval in RP-020137

✅ The WI can be closed when the CRs in RP-020189 has been approved, but it should be noted that references for the protocol stack to be used for the external TNL inter working unit needs to be added.

NAS Node Selector Function (Iu Flex)

- This WI was in principle finalised already at RAN3#26.
- 😊 CRs approved by RAN3.
- 📄 Status report in RP-020147.
- 📖 TR 25.875 V2.0.0 presented for approval (RP-020149).
- ✅ The WI can be closed if the presented CRs in RP-020195 are approved.

HSDPA Iub/Iur protocol aspects

- Long discussions on Mux options. Agreed to have 1 MAC-d flow per transport bearer in Rel-5
- 😊 CRs approved by RAN3.
- 📄 Status report in RP-020156.
- 📖 TR 25.877 presented for information (V1.0.0, RP-020157) and approval (V2.0.0, RP-020158).
- ✅ The WI can be closed if the presented CRs in RP-020190 are approved.

Shared network discussions

- 😊 Started as a simple proposal suitable for TEI
- 😊 Alternative proposals appeared
- 😊 Could not agree on which proposal to select
- 😊 Informed S1 about the scenarios RAN3 intended to cover (Cc:S2).
- 😊 Not so positive reply from S2 arrived late during R3#27, agreed to ask RAN to reply to the LS.

SRNS relocation enhancement

- Slow email discussion between last meetings.
- Lack of meeting time, shift target date again.
- Status report in RP-020154

Introduction of direct transport bearers between SRNC and Node-B

- Email discussion revealed quite general support for the IP TNL case.
- Lack of meeting time, shift target date again.
- Status report in RP-020155

RAN3 status reports sent to WI rapporteurs (1)

The following WIs has been progressed:

- ↪ NodeB Synchronisation for 1.28 Mcps TDD (R1)
 - ☺ R3 internal TR R3.004 approved as V1.0.0
 - ☑ RAN3 part finalised, CRs in RP-020191

- ↪ Enhancement on the DSCH hard split mode (R1)
 - ☺ R3 internal TR R3.005 approved as V1.0.0
 - ☑ RAN3 part finalised, CRs in RP- 020194

- ↪ UE positioning enhancements for 1.28 Mcps TDD (R2)
 - ☺ R3 internal TR R3.003 approved as V1.1.0
 - ☑ RAN3 part finalised, CRs in RP- 020193

- ↪ Support of Site Selection Diversity Transmission in UTRAN (R1)
 - ☑ RAN3 part on Qth signalling finalised, CRs in RP-020213

RAN3 status reports sent to WI rapporteurs (2)

☹ No progress made on the following WIs/SIs

↪ (WI) Improvement of inter-frequency & inter system measurements (R1) [R3.006]. No new contributions.

↪ (WI) Improved usage of downlink resources in FDD for CCTrCHs of dedicated type (R2) [R3.007], Target RAN#18, No contributions.

↪ (WI) Open SMLC-SRNC interface within the UTRAN to support UTRAN Rel'4 positioning methods (R2) [R3.008] , No contributions at RAN3#27.

↪ (WI) Enhancement of Broadcast and Introduction of Multicast Capabilities in RAN (R2), No progress.

↪ (SI) Improvement of inter-frequency & inter system measurements for 1.28 Mcps TDD (R1) [R3.0xx]. No time.

Summary

- Less time spent on R99/Rel4
- Still very long working hours
- IP UTRAN work finalized, but two issues to be fixed before June:
 - Protocol towards external inter-working “node”
 - Exchange of Transport Layer info for Iu CS
- HSDPA, with 1 MAC-d flow per transport bearer.
- Most Rel5 topics finalized



Meetings 2002

Meeting	Dates	Venue, host
WG3#27	18 – 22 February 2002	Orlando, FL, USA, Motorola + AWS
TSG RAN#15	05 - 08 March 2002	Jeju, Korea, TTA
WG3#28	08 – 12 April 2002	Kobe, Japan, J-Phone (with R2)
WG3#29	13 - 17 May 2002	Tbd, Korea, TTA companies
TSG RAN#16	04 - 07 June 2002	Marco Island, Florida, Motorola
WG3#30	24 – 28 June 2002	<i>Tbd, Italy ?</i>
WG3#31	19 – 23 August 2002	Tbd, Sweden, Ericsson
TSG RAN#17	03 - 06 September 2002	Biarritz, France, Alcatel
WG3#32	23 - 27 September 2002	Xian, China, CATT (with R2)
WG3#33	11 – 15 November 2002	Sophia Antipolis, France, ETSI
TSG RAN#18	03 - 06 December 2002	New Orleans, LA, USA, North American Friends of 3GPP