Report from WG3 chairman to TSG-RAN #17
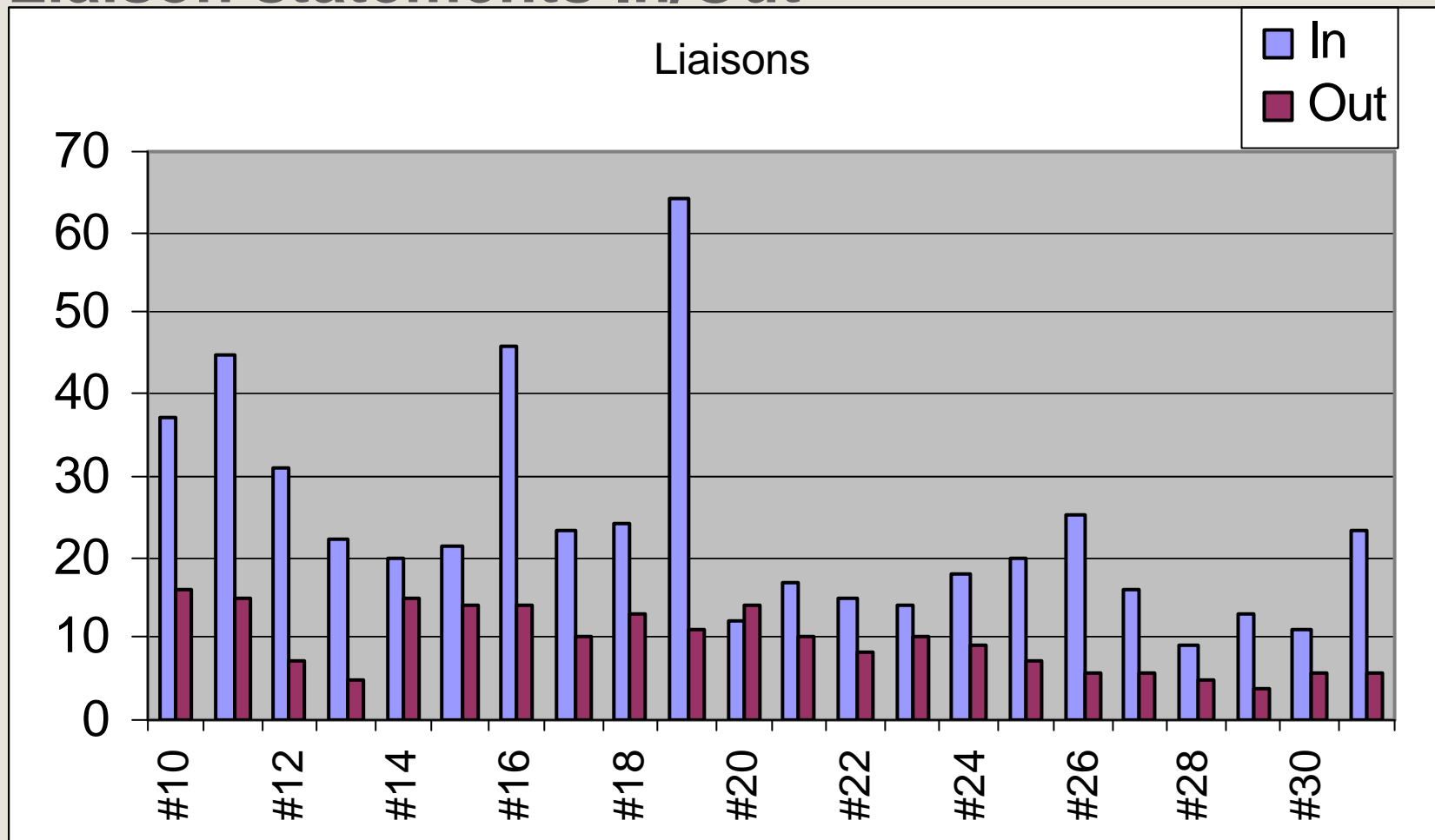
Martin Israelsson

RAN WG3 Chairman

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Meetings since previous RAN Plenary
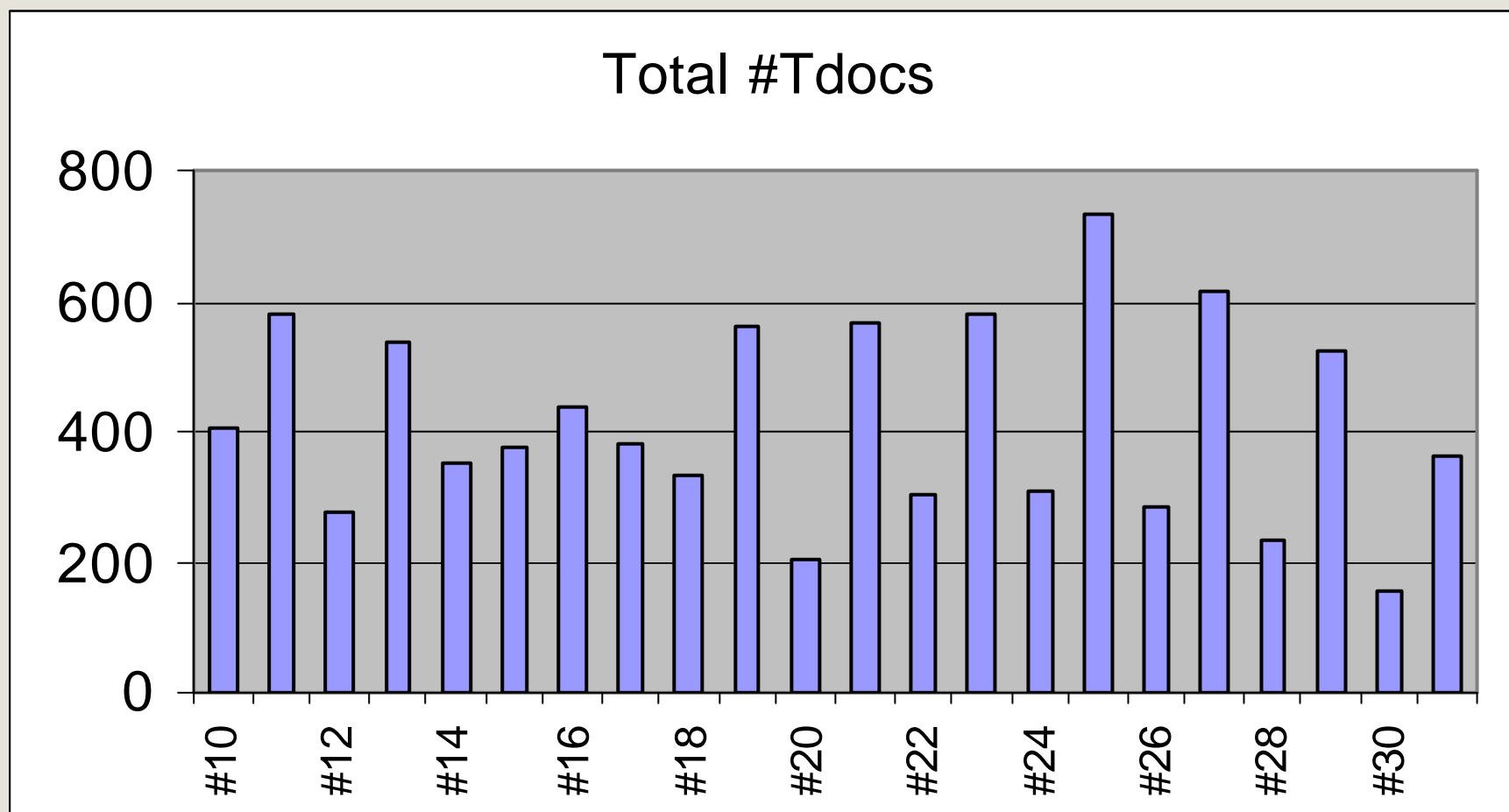
- RAN WG3#30, 24 - 29 June, Sophia Antipolis
- RAN WG3#31, 19 - 23 August, Stockholm
  - MBMS session with RAN2

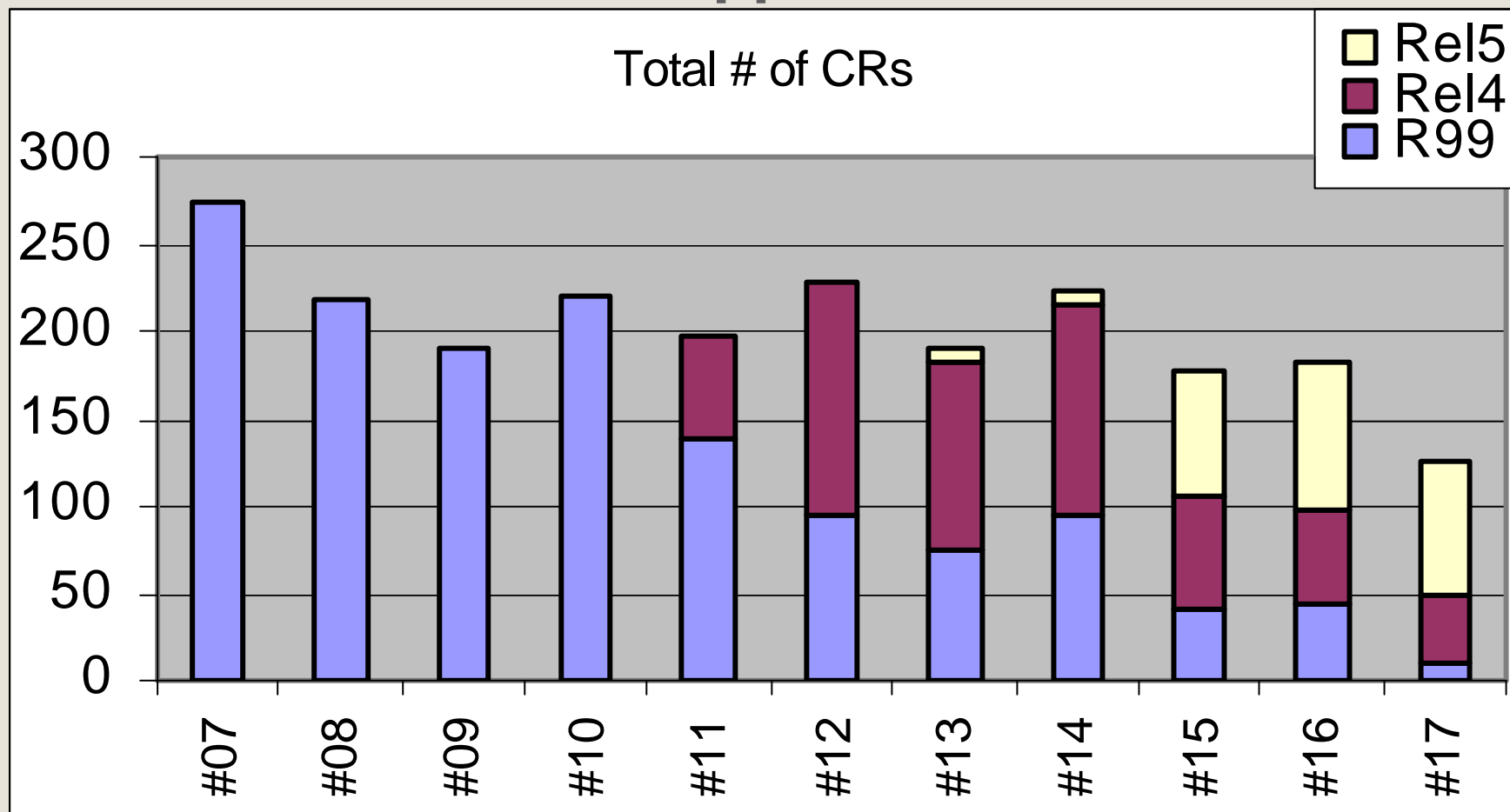Martin Israelsson

Liaison statements In/Out

Liaisons

Total number of documents per meeting

Total #Tdocs

Statistics

Total number of WG3 approved CRs

RP-020597   2002-09-01   5 (23)   Martin Israelsson

R99 CR statistics on protocols

R99 CRs on protocols

Legend:
- 25.433
- 25.423
- 25.419
- 25.413

Rel-4 CR statistics on protocols

Rel-4 CRs on protocols

Legend: 25.433, 25.423, 25.419, 25.413

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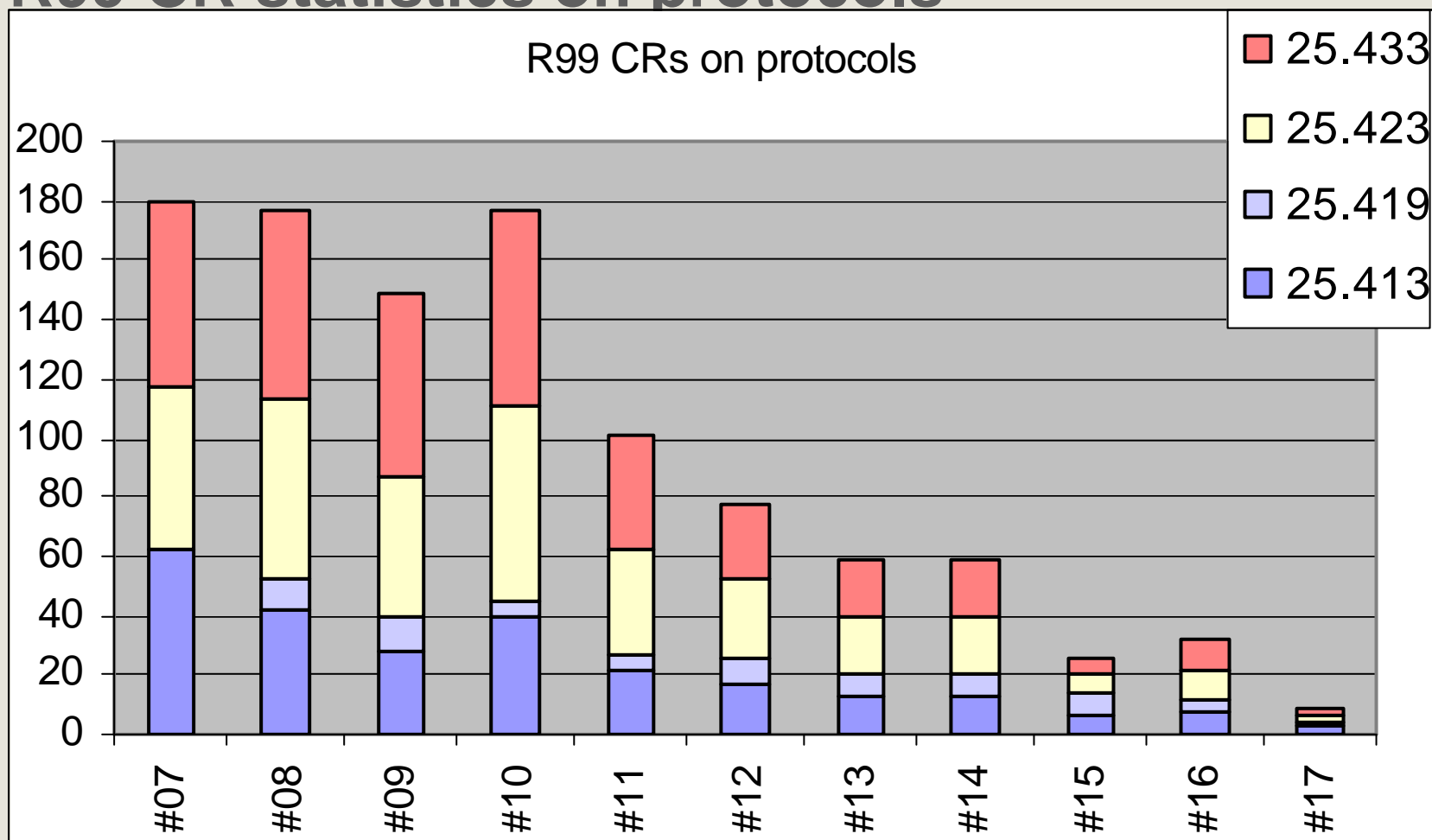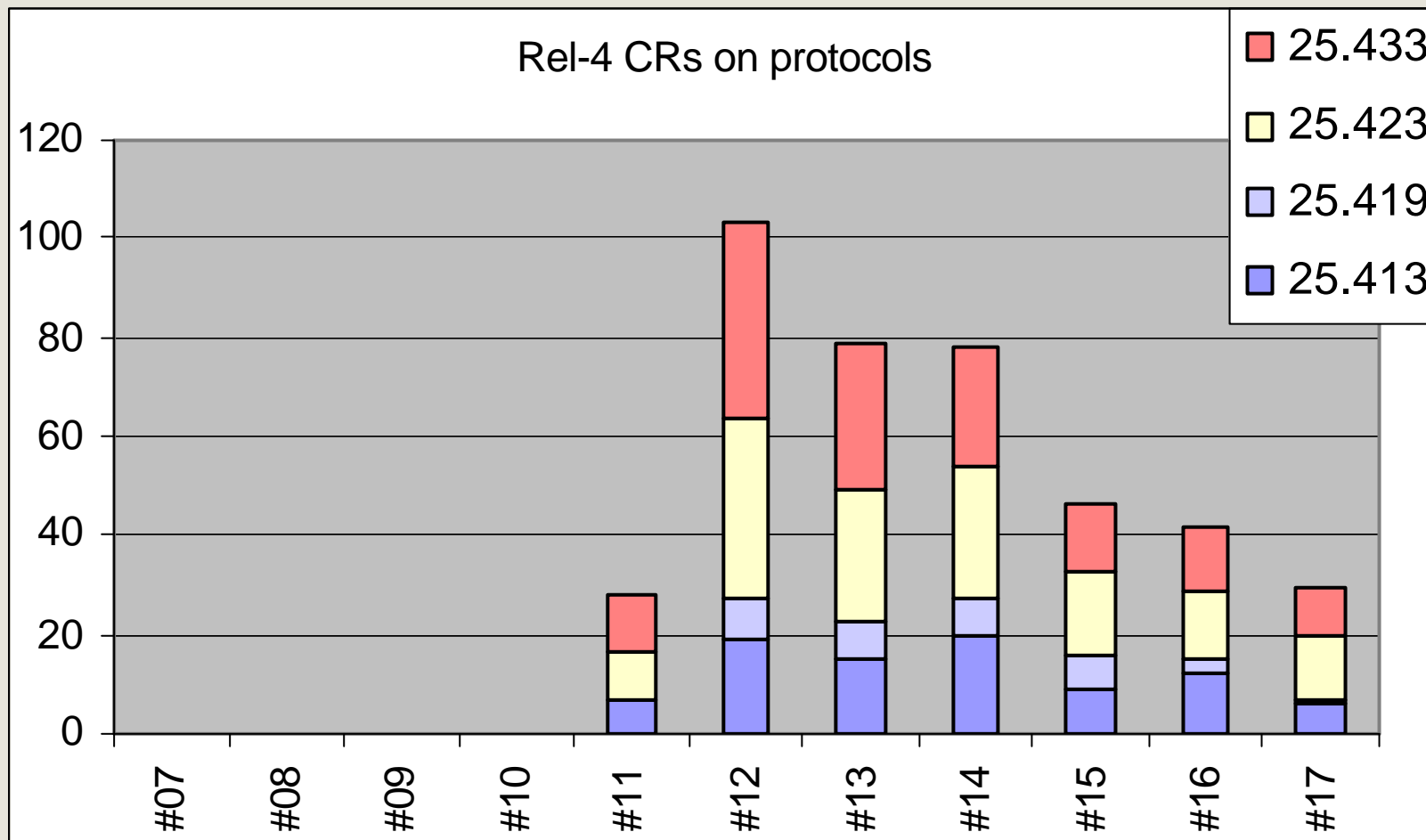
Actions on WG3 from TSG RAN #16

To provide Rel-5 CRs for WI "Shared network support in Connected mode", or inform the TSG-RAN Chairman in time to allow for a vote at TSG-RAN #17 in Biarritz if no consensus could be reached.

- ✍ CRs provided for approval at RAN#17.

R99, Rel-4 and Rel-5 activities

General

- The number of R99 & Rel4 corrections continue to decrease .
    - 11 R99 + Rel-4 and Rel-5 mirror CRs
    - 27 Rel-4 + Rel-5 mirror CRs
    - 37 Rel-5 only CRs

- R99 and mirror CRs occupies about 20% of meeting time. Takes time also to "reject" CRs.

- RNSAP and NBAP Rel-4 and Rel-5 review performed, resulted in a few big CRs. RANAP review may follow.

- For complete list of CRs on R99, Rel-4 & Rel-5, see RP-02598

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Release 5 specific activities

IP transport in UTRAN, issues

- Exchange of Transport Layer info for Iu CS
  - Additional questions received from CN4 on the agreed RAN3 solution. CN4 has not prepared the related CRs on 25.205 and 29.232.
  - RAN3 CR on 25.414 agreed. (RP-020629)
- S2 asked RAN3 to change the IP version agreement and mandate both IPv6 and IPv4. No company in RAN3 was in favour of this and a reply LS was sent to S2 questioning the rationale behind the request.

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HSDPA Iub/Iur protocol aspects

- Majority of the Rel5 CRs are detailed corrections to HSDPA.

- A few more HSDPA related CRs is expected for the next meeting.

Postponed GERAN CRs from RAN#16

- RP-020447 (CR669 25.423) "Support of Iur-g procedures"
  - implemented in V5.2.0 since it was endorsed by PCG
- RP-020427 (CR405r4 25.413) "Signalling enhancements for GERAN Iu Mode LCS"
  - Common parts in RANAP CR512 (Rel-4) and CR513 (Rel-5)
  - GERAN specific parts in RANAP CR514 (Rel-5)
- RP-020454 (CR477r4 25.413) "GERAN specific impacts on the Iu-cs interface"
  - New revised RANAP CR506r2 (Rel-5)

Additional Iurg CRs

- Agreed that some additional CRs are needed in order to have a consistent set of specifications for Iurg

- The scope of some of the RAN3 specifications depend on whether GERAN will publish a stage 2 TS or not. 2 sets of CRs prepared

  - Introduction of Iur-g (selected by GERAN in LS RP-020633)

    - 25.401 CR056r1
    - 25.420 CR028r1

  - Introduction of Iur-g with scope modification

    - 25.401 CR060
    - 25.420 CR029r1
    - 25.421 CR002
    - 25.422 CR014

UTRAN sharing in Connected Mode

- Agreement on solution during RAN3#30
- Work on CRs completed during RAN3#31 (RP-020625)
- CN4 has also completed their CRs
- Status report in RP-020499

SRNS relocation enhancement

- Additional discussions held but no agreements on the incremental gain.

- RAN3 has agreed to close the study, but there is no agreed recommendation on the way forward.

- Status report in RP-020500

Release 6 specific activities

Improvement of RRM across RNS and RNS/BSS

- Work progressed during RAN3#30 but no time available during RAN3#31.
- TR not mature enough for presentation to RAN
- Status report RP-020498

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RAN3 status info sent to WI rapporteurs (1)

- ✍ No progress made on the following WIs/SIs

  - ✍ (WI) Improvement of inter-frequency & inter system measurements (R1) [R3.006]. 1 contribution for info.

  - ✍ (WI) Improved usage of downlink resources in FDD for CCTrCHs of dedicated type (R2) [R3.007]. No contributions.

  - ✍ (WI) Open SMLC-SRNC interface within the UTRAN to support UTRAN Rel'4 positioning methods (R2) [R3.001], No contributions.

  - ✍ (WI) Beamforming Enhancements (R1), 1 contribution for info.

  - ✍ (WI) Enhancement of Broadcast and Introduction of Multicast Capabilities in RAN (R2), Joint session with R2 on architecture.

  - ✍ (SI) Fast Cell Selection (FCS) for HS-DSCH (R1), No contributions.

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RAN3 status info sent to WI rapporteurs (2)

- ✍ No progress made on the following WIs/SIs
  - ✍ (SI) UTRA Wideband Distribution Subsystems (WDS) (R4) No contributions.
  - ✍ (SI) viable deployment of UTRA in additional and diverse spectrum arrangements (R4) No contributions.
  - ✍ (SI) Improvement of inter-frequency & inter system measurements for 1.28 Mcps TDD (R1) [R3.011]. Skeleton TR agreed at R3#30.

Summary

- Less R99 and Rel-4 CRs, but discussion/CR take longer time now especially for R99.

- Several corrections to HSDPA.

- IP UTRAN issues progressed.

- Iur-g and GERAN related CRs revised according to PCG decision.

- Low activity on Rel-6

- Meetings prior to RAN is still quite busy.

Meetings 2002-2003

Meeting	Dates	Venue, host
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, NA Friends of 3GPP
WG3#34	*17 – 21 February 2003*	*Sophia Antipolis (TBC)*
TSG RAN#19	11 - 14 March 2003	Jersey, Channel Islands, UK Friends of 3GPP
WG3#35	*7 – 11 April 2003*	
WG3#36	*19 – 23 May 2003*	*Paris, France, EF3*
TSG RAN#20	3 - 6 June 2003	tbd, Finland, Nokia
WG3#37	*25 – 29 August 2003*	
TSG RAN#21	16 - 19 September 2003	Tbd, Germany, Tbd
WG3#38	*6 – 10 October 2003*	
WG3#39	*17 – 21 November 2003*	
TSG RAN#22	09 - 12 December 2003	

Martin Israelsson