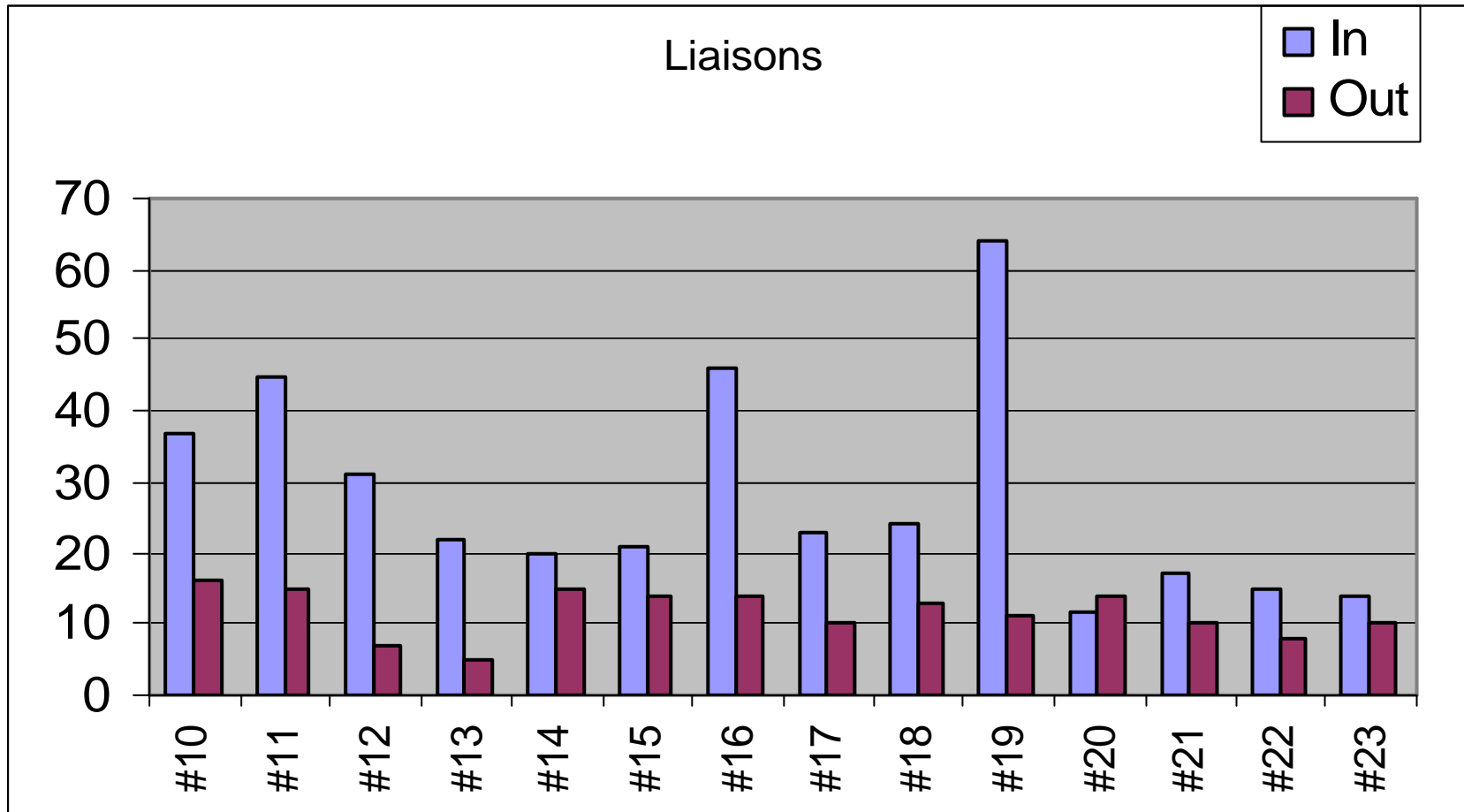# Report from WG3 chairman to TSG-RAN #13

Martin Israelsson

RAN WG3 Chairman
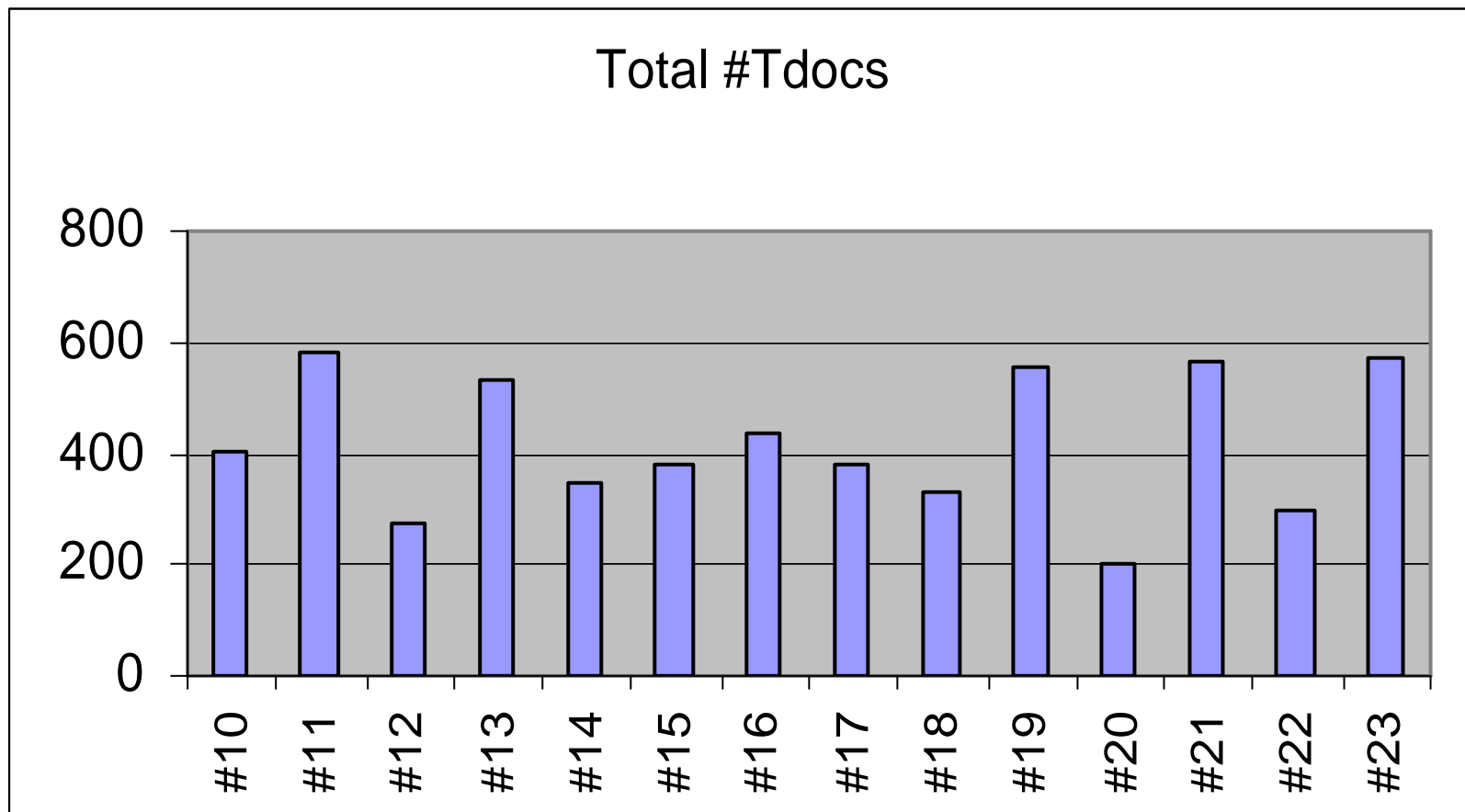
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Meetings since previous RAN Plenary

- RAN WG3#22 in July

- RAN WG3 IP Ad Hoc#4 in August

- RAN WG3#23 in August
  - HSDPA Ad Hoc with WG2

Liaison statements In/Out
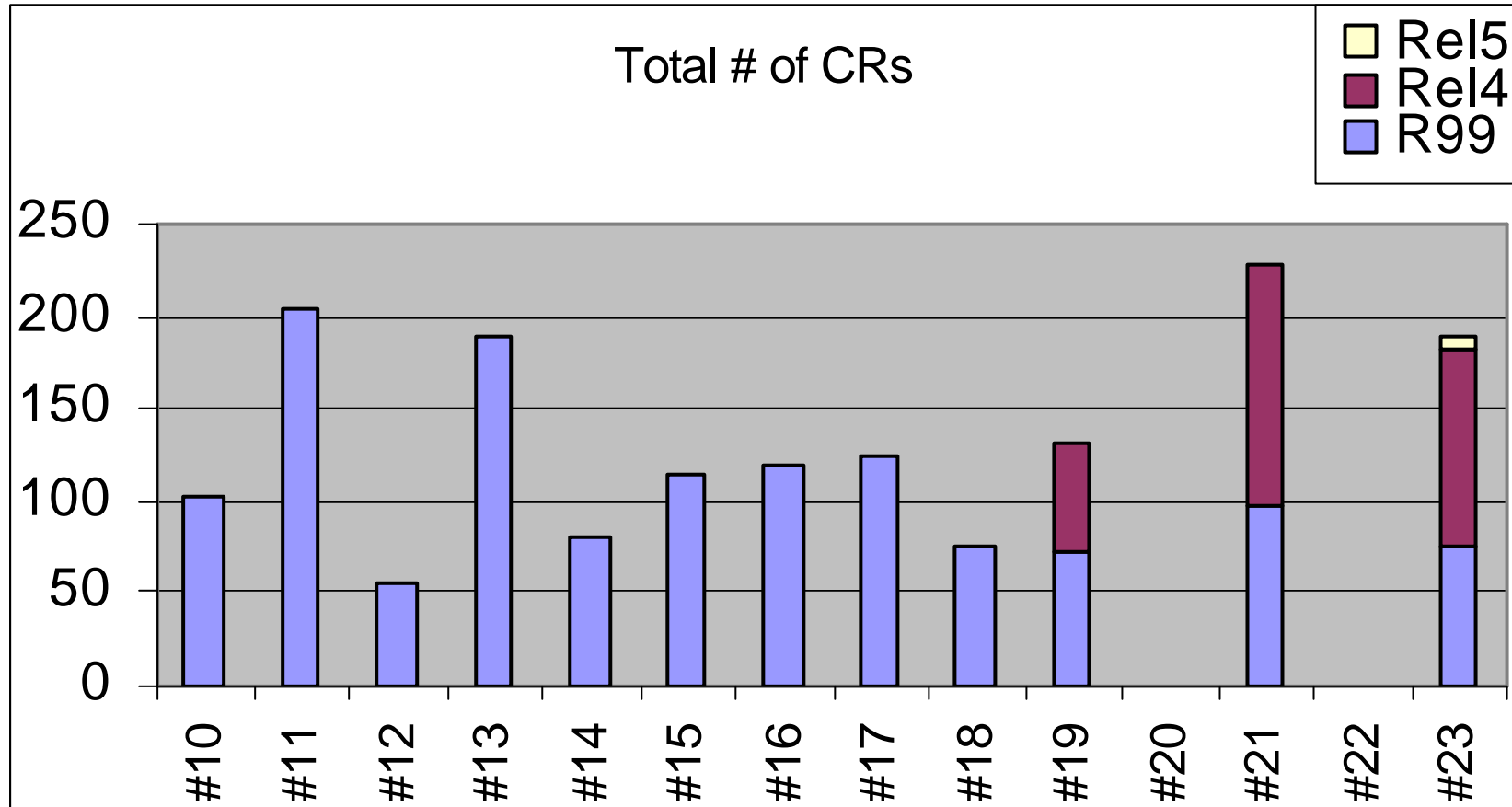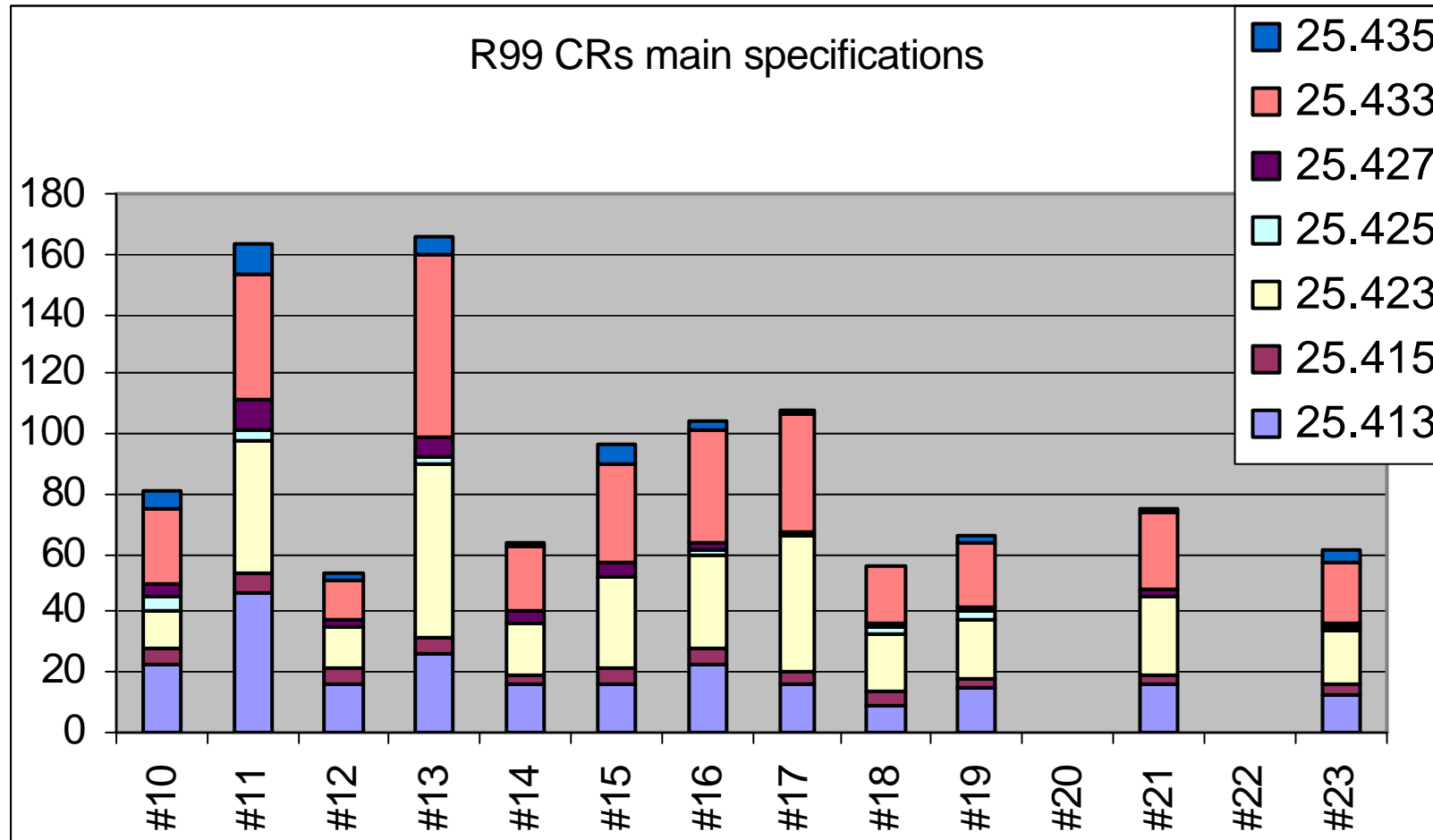

Liaisons

Legend: ☐ In ☐ Out

Total number of documents per meeting

Total #Tdocs

R99 CR statistics for main specifications

R99 CRs main specifications

Legend:
- 25.435
- 25.433
- 25.427
- 25.425
- 25.423
- 25.415
- 25.413

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Actions on WG3 from TSG RAN #12

- ✍ CRs for SRNC relocation allowing direct connection between Anchor MSC and any RNC during an active call: **RP-010594** (CR244) and **RP-010593** (CR009).

- ✍ CRs on DL power: **RP-010587** (CR409 & 410), **RP-010583** (CR370 & 371).

- ✍ PCAP Signaling transport: **RP-010640** (TS 25.452 v2.0.0)

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Actions on WG3 from TSG RAN #12 (continued)

- Review **WI** "Iur Neighboring cell reporting efficiency optimization"
  - common channel efficiency optimisation is quite simple
  - neighboring cell information optimisation is a bit more complex
  - Agreed to document the WI in a TR.
- ITU-R submissions for September.

  No comments raised on the input document from the ITU-R Ad Hoc. Approved as proposed.

Release 99 and Release 4 activities

General

- Most corrections are of type clarifications to R99 & Rel4

- 32 Rel4 only CRs

- R99 and Rel4 still occupies about 60% of meeting time

- For complete list of CRs on R99 & Rel4, see **RP-010574**

Release 5 activities

RRM optimizations for Iur and Iub (BB) (1)

- ## RL Timing adjustment
  - TR25.878 V0.2.0. Waiting for feed back from R1 and R2 in order to finalise the work.
  - Status report in RP-010607

- ## Separation of resource reservation and radio link activation
  - TR25.879 V0.2.0. Ongoing.
  - Status report in RP-010608

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

- Iur Common Transport Channel Efficiency Optimisation
  - RAN3 internal TR R3.002 V0.1.0: ongoing
  - Status report in RP-010605

- Iur Neighbouring cell reporting Efficiency Optimisation
  - TR 25.884 V0.1.0: ongoing
  - Status report in RP-010606

Re-arrangement of Iub Transport Bearers(BB)

- TR25.880 V0.1.0.
- A few open issues identified.
- Status report in RP-010609

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IP transport in UTRAN

- Most of study areas are almost complete
  - User plane transport signalling: *agreements needed*
  - Radio Network Signalling Bearer: *long discussions, appears to be a dead-lock situation on M3UA and/or SUA*
  - Synchronisation: *no contributions yet*
  - Security: *waiting on S3 input*
- TR 25.933 v1.4.0 presented for information in **RP-010642**
- Status report in **RP-010610**
- New IP UTRAN Ad Hoc#5, 1-2 October

NAS Node Selector Function

- No contributions the last three RAN3 meetings

- At RAN3#21, agreed to suspend work until SA2 indicate almost finished work

- Expected that SA will approve the S2 TR in Beijing

  - ? RAN3 can start at next meeting

RAN3 status reports sent to WI rapporteurs (1)

- ✍ The following WIs has been progressed

  - NodeB Synchronisation for 1.28 Mcps TDD (R1) [R3.004 V0.2.0]

  - Enhancement on the DSCH hard split mode (R1) [R3.005 V0.2.0]

  - UE positioning enhancements for 1.28 Mcps TDD (R2) [R3.003 V0.2.0]

  - HSDPA Iub/Iur protocol aspects (R2) [TR 25.877 V0.1.0]

  - Open interface between the SMLC and the SRNC within the UTRAN to support A-GPS Positioning (R2)
    - TS 25.452 V2.0.0 Iupc signalling transport agreed for approval by TSG RAN, **RP-010640**

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]

- 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]

- Gated DPCCH Transmission (R1)

- Enhancement of Broadcast and Introduction of Multicast Capabilities in RAN (R2)

SI Improvement of RRM across RNS and RNS_BSS (R3)

- TR 25.881 V0.2.0: Initial simulations and alternative solutions added to study area.

- Status report in **RP-010611**

SRNS relocation enhancement (R3)

- Initial RAN3 internal TR R3.010 V0.1.0

- Status report in **RP-010612**

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

- TR 25.883 V0.1.0: Initial version with requirements and some open issues.

USTS (R1)

- RAN3 TR25.839 approved as V0.3.0
- Ongoing

Improved common DL channel for CELL_FACH state (R2)

- No progress

Wideband Distribution Systems (R4)

- Appears to impact implementation specific OAM more than RAN3 specifications

Summary

- Still spends a lot of time on R99/Rel4

- PCAP finalized

- IP UTRAN work progressed, dead lock on M3UA/SUA

- Work on other Rel5 topics progressed