>THIS IS **THE WAY**

Status report of RAN WG2 to RAN #27

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3GPP

>THIS IS NORTEL

Main activities since last RAN Plenary

> Release 99 corrections
  - Occupied 0,25 day of last Quarter only

> Release 4 corrections
  - Very minor

> Release 5
  - Few corrections
  - Results from a long activity on cell selection/re-selection

> Release 6
  - MBMS
  - HSUPA
  - IMS
  - ACBOP
  - TEI6
  - WI under other WGs

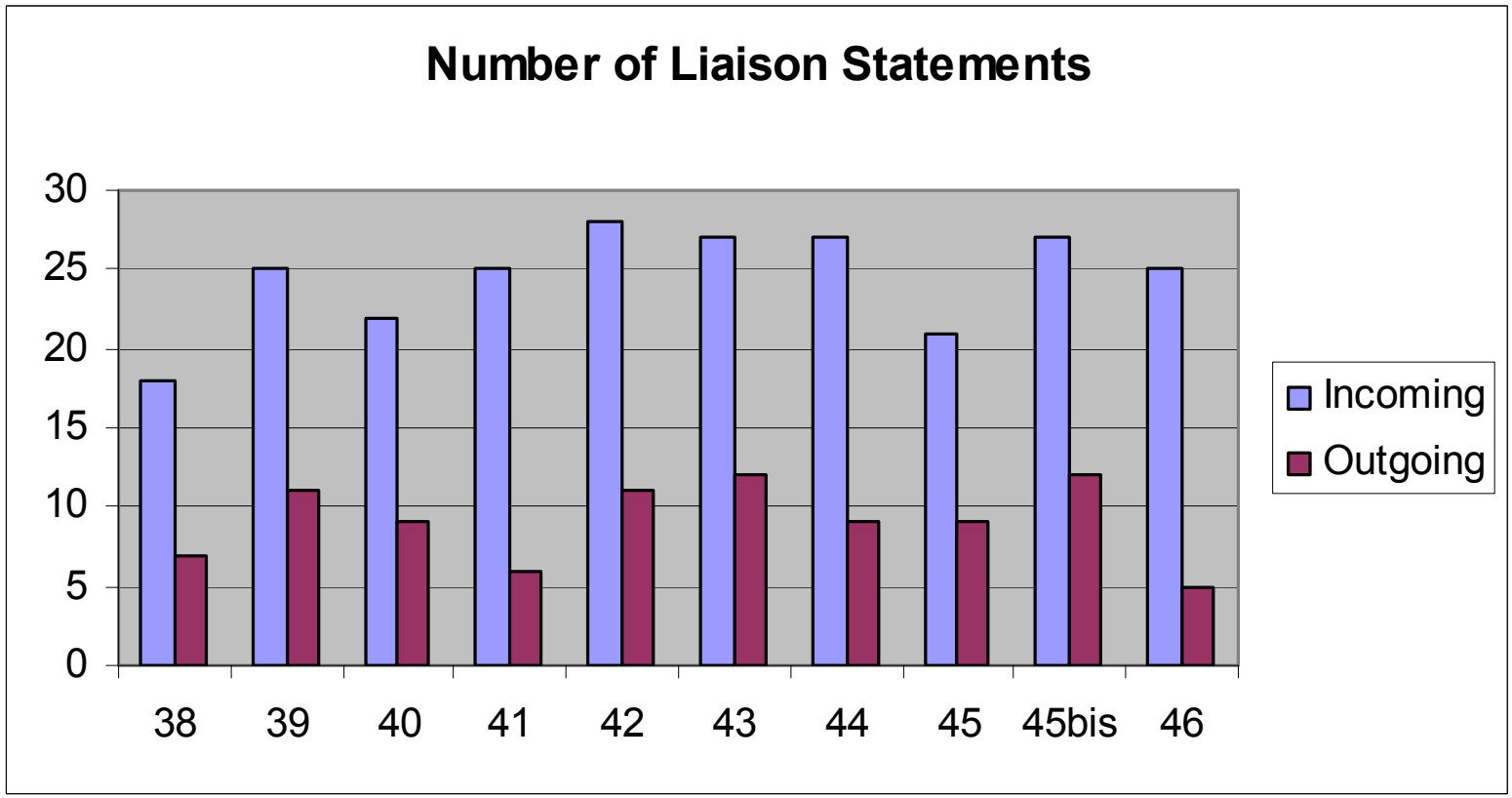
> Release 7
  - UTDOA

Meetings held since last RAN Plenary

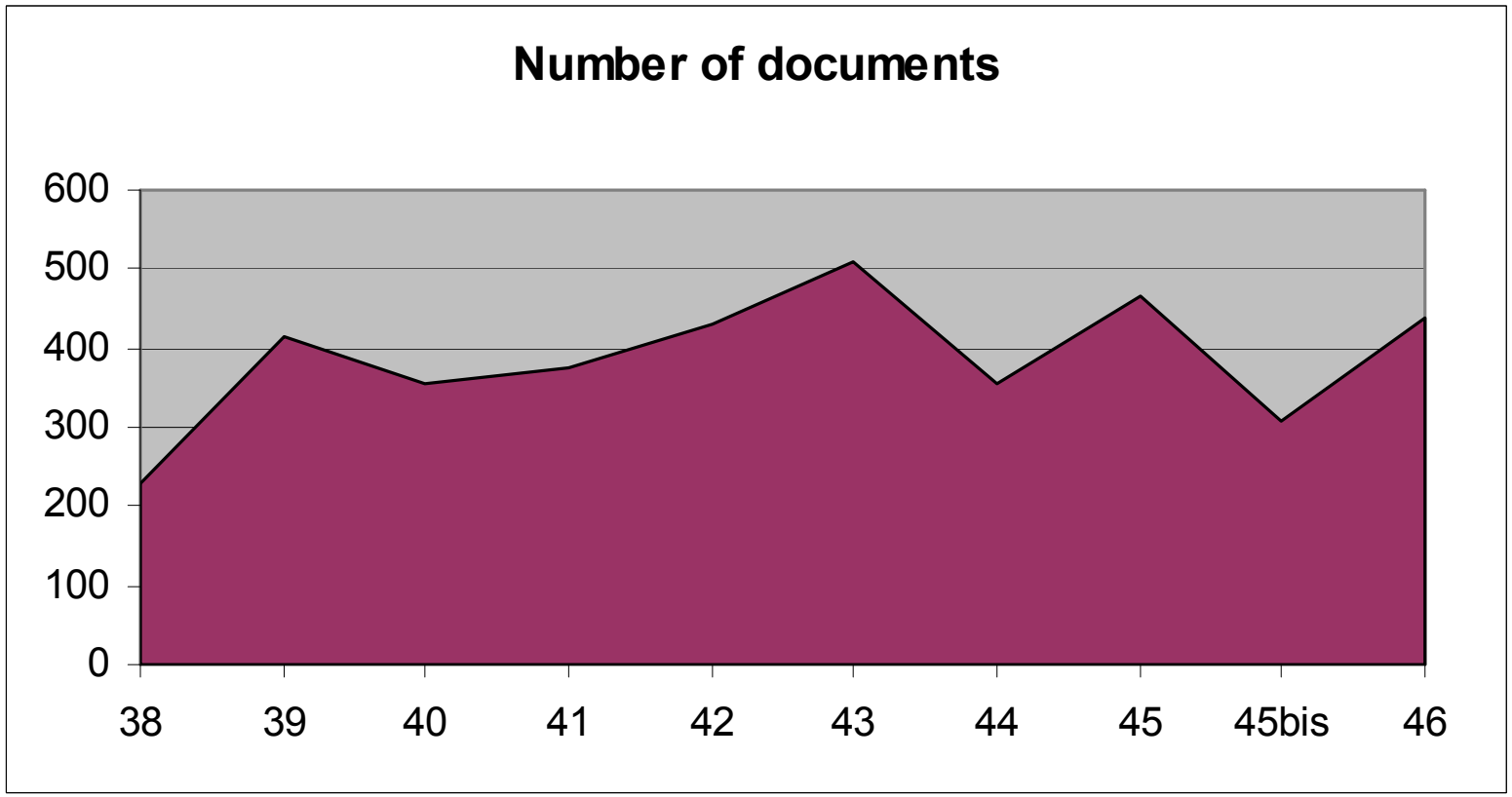
> Two RAN2 meetings
  - Each time 2 to 3 days parallel sessions on MBMS and HSUPA
  - Ad-hoc sessions on cell selection/re-selection

> Intense activities!!!

Liaison statements In/Out

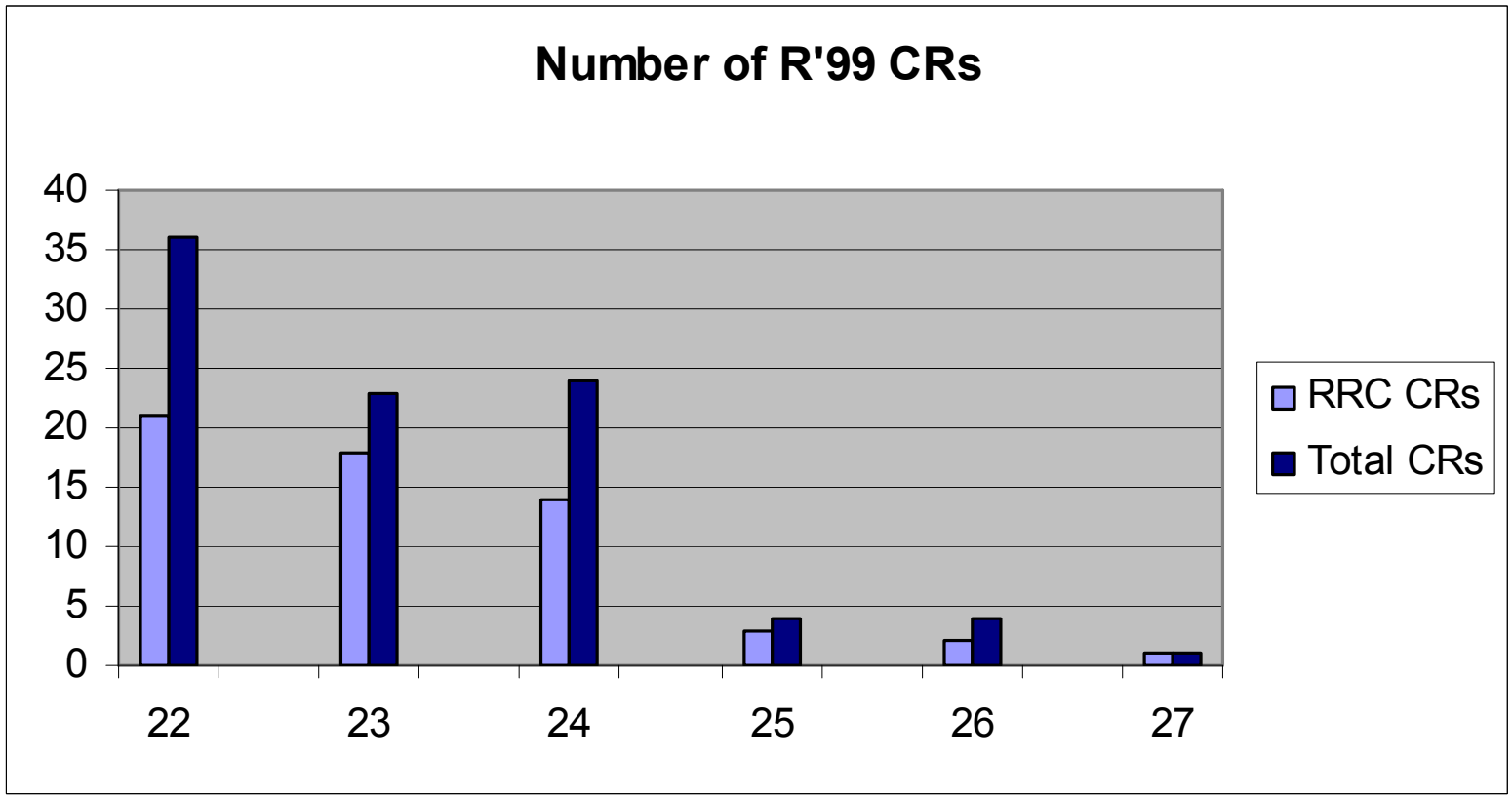


Number of inputs per meeting



Release 99 activities

Rel 99 Change Request statistics



CRs on R99 specifications

> Refer to RP-050023 for complete list of RAN WG2 CRs

- 1 RABs/RBs examples added in 25.993 in RP-050064 (reminder that 25.993 has only one version in Rel-6)
- 1 CR to remove TGPL2 in RP-050038 (RAN WG4 Zip)

Release 4 activities

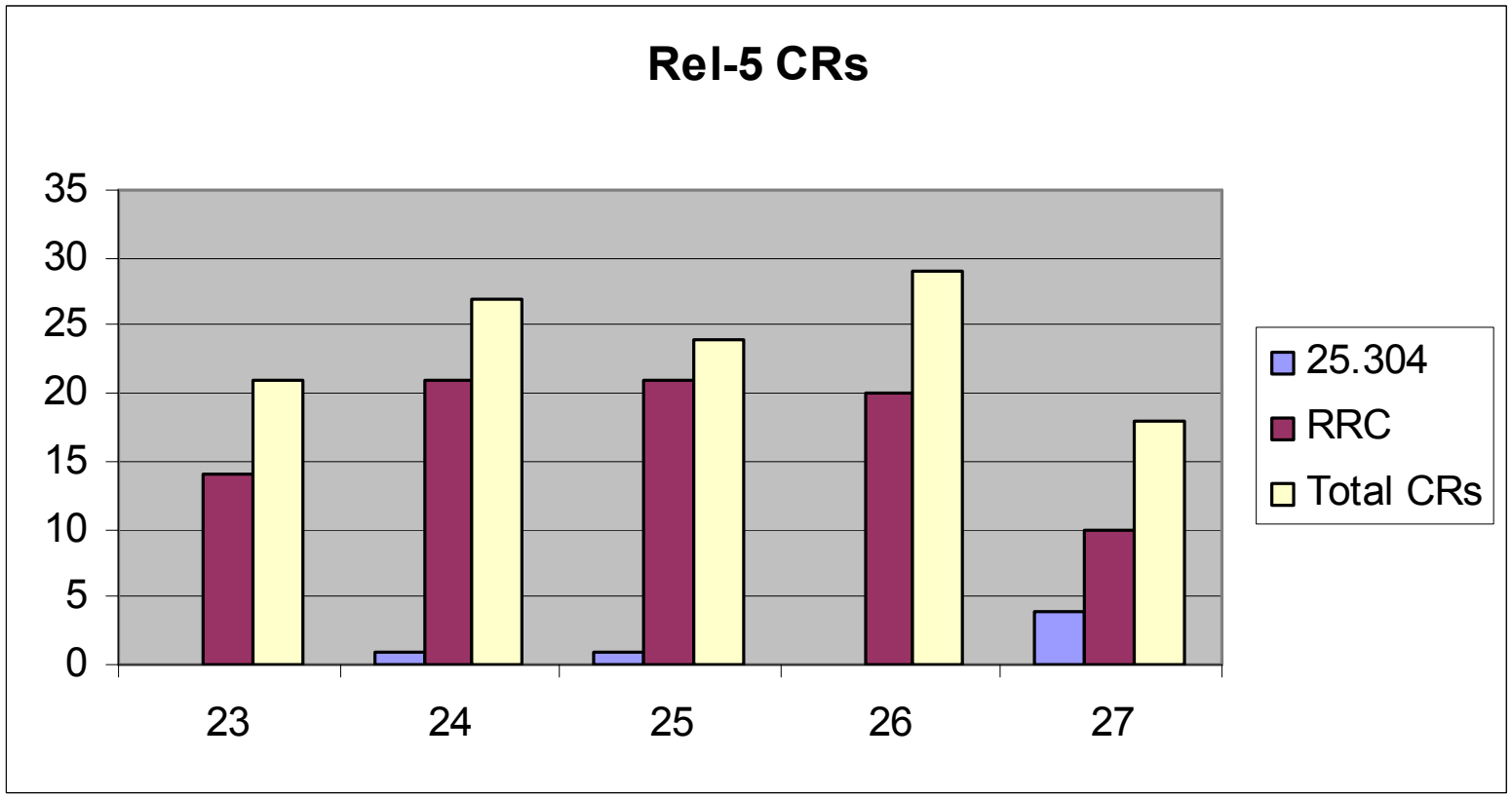
Release 4 CRs

> Refer to RP-050023 for complete list of RAN WG2 CRs

- 1 CR in 25.306 to make DSCH optional for all UE categories
- 1 CR fixing OTDOA for Rel-4 TDD only

Release 5 activities

Release 5 CR statistics



Release 5 CRs

> One Category B CR for the support of loss-less change of RLC size
  - RP-050067

> Correction to remove EPC mechanism
  - RP-050068

> 9 RRC corrections
  - RP-050069 and RP-050070 for complete list

> Addition of W-AMR in 25.993
  - RP-050071

> Major re-writing of cell selection/re-selection
  - RP-050073

Release 6 activities

List of Work Items under RAN WG2

> MBMS

> FDD Enhanced Uplink

> Radio access bearer support enhancement

MBMS

> Progress on the Stage 2
  - Corrections to the counting scheme in RRC connected states
  - Probably now close to being final

> Stage 3 corrections
  - Good progress in conference calls held prior to RAN2 meetings

> See status report

FDD Enhanced Uplink

> Good progress in January, but February did not achieve its goals, and it became clear that the past agreements lead to more divergence between various scheduler operations

> Joint meeting with RAN1, RAN3 and RAN4 on RRM aspects
  - Showing the subject had been neglected

> Many contentious points on the Stage 2
  - Completion slipped by one quarter

> 2Q05 will have to prove as efficient as 4Q04
  - Much more work outside of meetings to progress (e-mails, conf calls)

> Reduction of options is the target for the coming quarter, with Stage 2 completion

> Stage 3 should be fast after Stage 2 is completed

Radio access bearer support enhancement

> Good progress on methodology to ensure ROHC performance/interoperability
  - RAN WG2 coordinated with T1 who will monitor RAN WG2 progress
  - RAN WG2 will continue on defining the test and performance requirements

> One CR to make ROHC mandatory in Release 6
  - RP-050083

> See status report

Technical Enhancements and Improvements for Rel-6

> Many contributions treated in January.

> More work is needed because no time was available in February to continue

- Request from RAN WG2 that TEI6 is allowed at least until June 05

Feasibility Study under RAN WG2

> Inclusion of Uplink TDOA UE positioning method in the UTRAN specifications

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> Good progress

- Complete CR on the Stage 2 discussed
- It includes UTDOA, with possibility to operate the Iupc interface with SAS control (vs RNC control up to Rel6)
- Detailed comments to be made to the proponents, presentation of the CR for approval in RAN expected in June 06

Release 6 Items under other WGs

> **Optimisation of downlink channelisation code utilisation for FDD**
  - RAN2 CRs agreed in RP-050074

Other release 6 corrections

> See Section 9 of RP-050023

Other

> Two UE vendors raised a general concern on mandatory Rel-6 features

- Certain mandatory features may not be possible to test depending on the availability of that feature in the network. This had been the case in R99.
- Some possible solution to this, based on some RRC signalling, was discussed.
- It was agreed that this should be reported by the RAN2 Chairman to RAN Plenary for discussion/decision

> Company contribution submitted in RP-050124

Future meetings

	WG2#46bis	04-08 April	Beijing	China	Huawei
	WG2#47	09-13 May	Athens	Greece	EF3
	RAN#28	01-03 June	Quebec	Canada	
	WG2#48	29 Aug – 02 Sep	London	UK	EF3
	RAN#29	21-23 Sep	EU	EU	
	RAN#29bis (New)	10-14 Oct 05	TBD	Europe	EF3
	WG2#49	07-11 Nov	Asia		
	RAN#30	30 Nov – 02 Dec	EU	EU	

RAN2 Terms of reference

> Updated ToR submitted to RAN

- added the responsibility for the testing requirements of RAN WG2 functionalities
- some minor corrections

Chairman's concluding remarks

- No more R4 or R99 corrections, only removal of features back to R99
- Very few HSDPA corrections
- Major result on cell selection/re-selection and CRs are brought for R5
- MBMS progress
  - Some (final) Stage 2 decisions, and Stage 3 corrections
- HSUPA progress
  - Stage 2 still occupying a lot of time
  - Time-plan slipped one quarter, need to reduce set of options
- 2 meetings planned for 2Q05
- IMS (VoIP) half completed; waiting for RAN WG1 prior to completion
- Future work should be mainly on MBMS, HSUPA, IMS support, TEI6, and Rel7

R99/R4 stable, Release 5 stabilising

Some MBMS Stage 2 finalised, Stage 3 Corrections

HSUPA late on schedule by 1Q; Discussions will be (are) done in-between meetings for completion for June 05 (Conference calls, e-mail discussions)

Please sustain efforts and **keep experts** active in RAN WG2