



**Status report of RAN WG2 to RAN #8**

**Denis Fauconnier**  
**RAN WG2 Chairman**

**RP-000213**

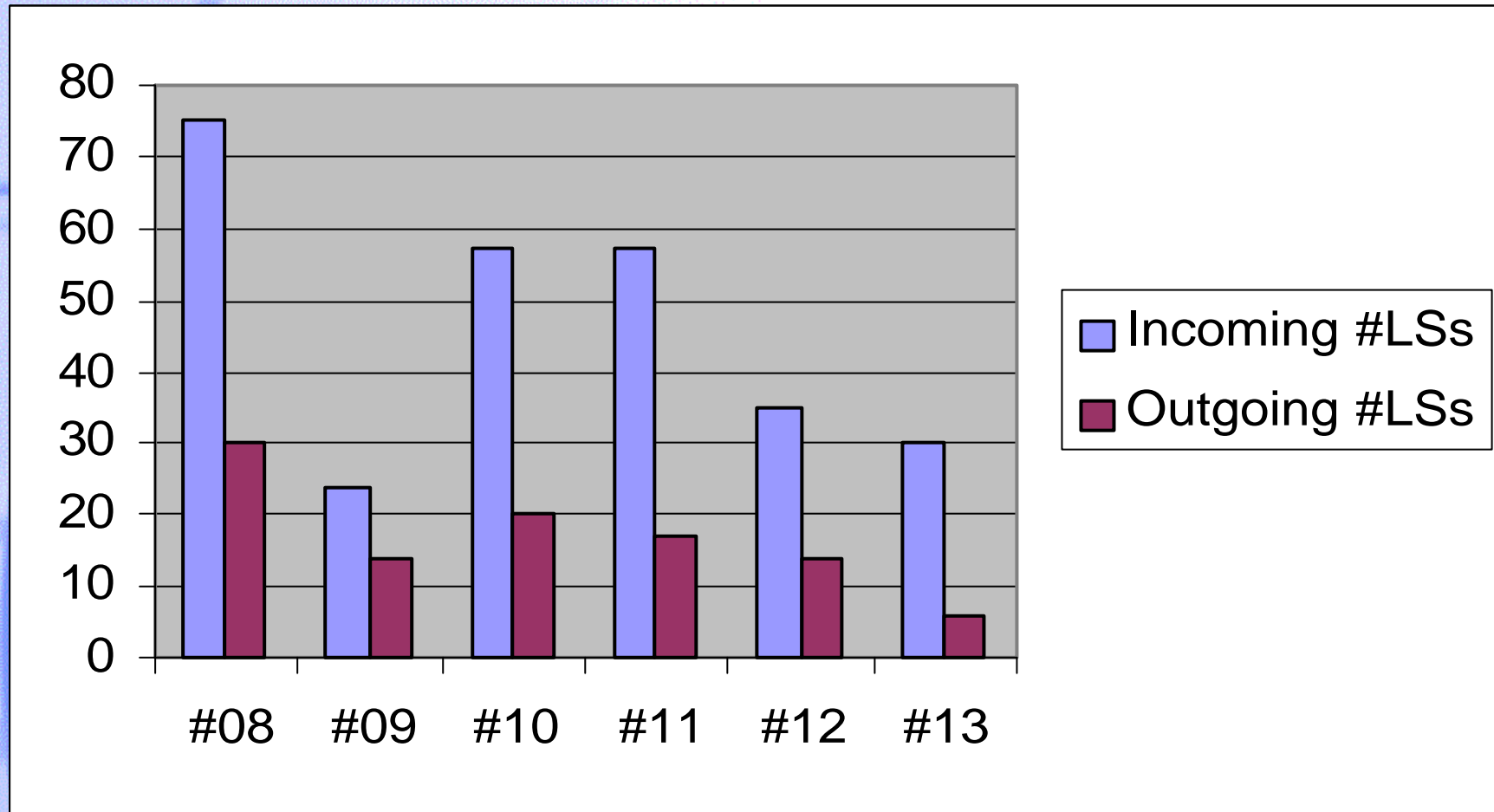
**NORTEL  
NETWORKS**



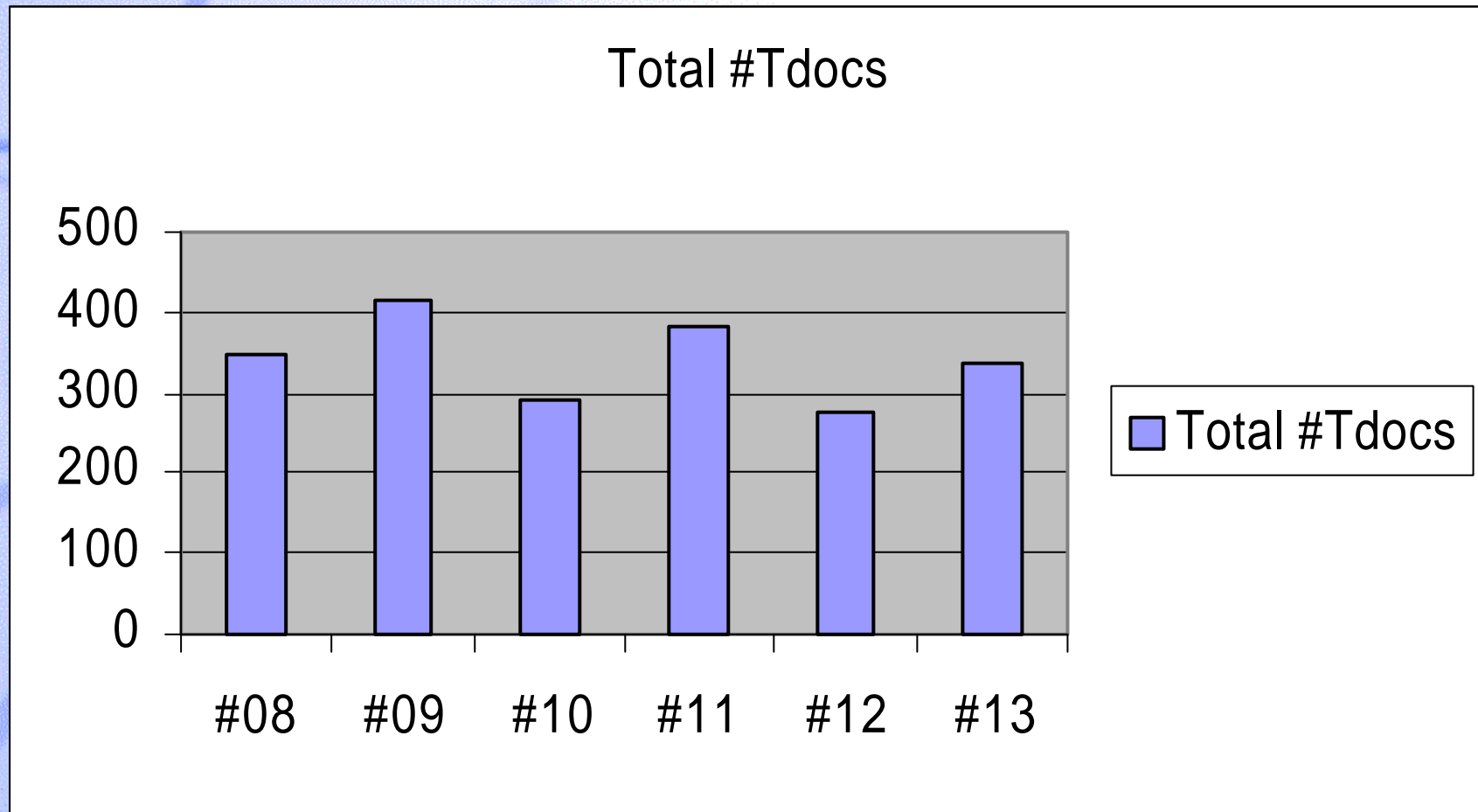
**RAN WG2 statistics**

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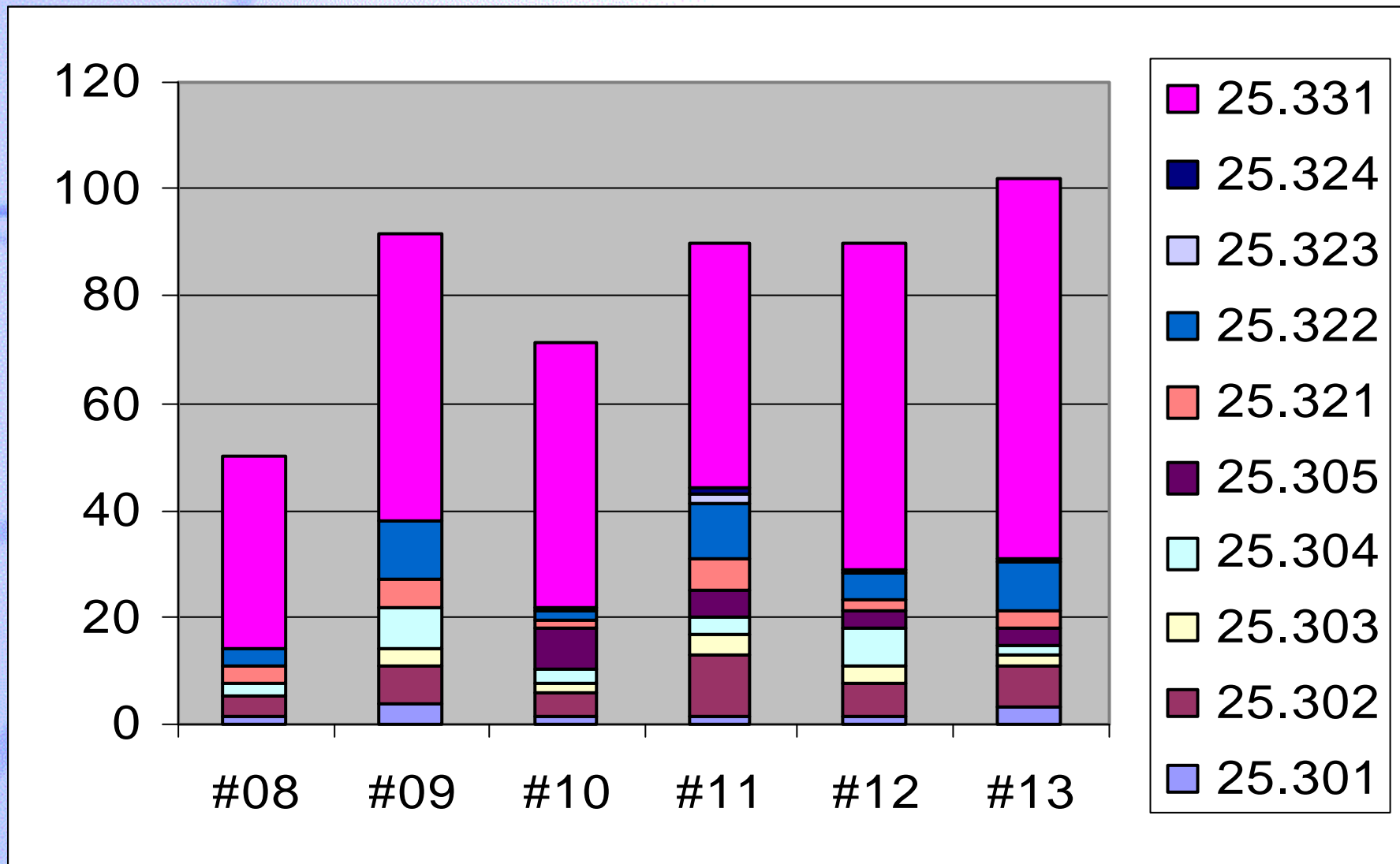
# Liaison statements In/Out



# Total number of documents per meeting



# Change Request statistics





## **Release 99 activities**

**RP-000213**

# General

- **Again good progress, but many working hours!**
- **Highlights:**
  - Completion/correction on RRC: still some more expected...
  - Cell selection/re-selection: many changes, now stable mechanisms
  - Handover to GSM: pre-configuration principles
  - Security: some holes identified and partly filled in, more to come
  - UE capabilities report modified based on GSM-ISG input
- **Other specifications experiencing minor changes**

# Joint meetings

- **Joint meeting with R1 was held to make changes on 25.926 based on the input from GSM-ISG**
  - Work completed
- **Joint meeting with CN1 on PLMN selection**
  - Subject closed in CN1
- **Joint meeting with CN1 and R3**
  - Modelling between higher layers and RRC
    - Will be in 24.007 and 23.
  - Codec Changes for OoTC
    - explicit signalling in C-plane. Solved





# Change Requests on specifications

- Refer to RP-000287



## **Release 00 activities**

**RP-000213**

# List of Work Items under RAN WG2 (as known...)

## *Work Items*

- High Data Rate: Started
- Hybrid ARQ II/III: Started
- Support of Location Services in UTRA FDD : Not started
- Support of Location Services in UTRA TDD: Not started
- RAB support enhancement: Not started
- Support of Multiple CCTrCH in downlink (FDD) : Not started
- Feasibility study of USTS : Not started
- Feasibility Study for Improved Common DL Channel for Cell-FACH State : Started

## *Feasibility Study*



# High Data Rate Feasibility Study

- Work has started, with a first proposal made
- Proposed outline for a Technical Report is contained in RP-000301
- Report will capture a collection of improvement techniques



# Feasibility Study for Improved Common DL Channel for Cell-FACH State

- One proposal was presented, based on a dedicated CPCH/FACH
- More information planned for next meeting

# Hybrid ARQ

- **Several proposals, based on similar principles. Proposed principles should have little impact on current radio interface architecture and protocols**

# Power saving feature

- One proposal made based on a gating of DPCCH transmission. More information requested for next meeting.



# Low chip rate TDD option

- Presentation of RACH proposal was made
- More information needed before actual work can start





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**Conclusions**

**RP-000213**

# Matters for RAN consideration

- **High peak load at implementation of CRs**
  - MCC should get support for CR implementation. Currently done by group members, but better organisation needed
- **Work Items**
  - Some lack of clarity on process and status of Work Items
- **List of release 00 Work Items**
  - Based on release 99 experience, rationale for duplications of release 99 functions by new Work Items should be clearly justified before work can proceed

# Chairman's concluding remarks

- Progress has again been important.
- Items with interactions/dependencies on other groups have been closed. Remaining interactions are with SMG2, and SMG2 experts will come to RAN WG2 meeting in July.
- Efforts are still needed from all companies in order to complete essentially RRC specifications.

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

# Future meetings

Year	Meeting	Dates	Location	Country	Host
2000	RAN#8	21 - 23 June	Düsseldorf	Germany	Mannesmann
	WG2 #14	03 - 07 July	Paris	France	Nortel
	WG2 #15	21 - 25 August	Sophia Antipolis	France	ETSI
	RAN#9	20 - 22 September	Oahu	HI, USA	T1P1/ARIB
	WG2 #16	09 - 13 October	Beijing	China	Ericsson, CWTS
	WG2 #17	13 - 17 November	Sophia Antipolis	France	ETSI
	RAN#10	06 - 08 December	Bangkok	Thailand	Unisys
2001	RAN#11	14 - 16 March	tbd	probably US	tbd
	RAN#12	13 - 15 June	tbd	probably Europe	tbd
	RAN#13	26 - 28 September	tbd	tbd	hosts invited
	RAN#14	12 - 14 December	tbd	tbd	hosts invited