



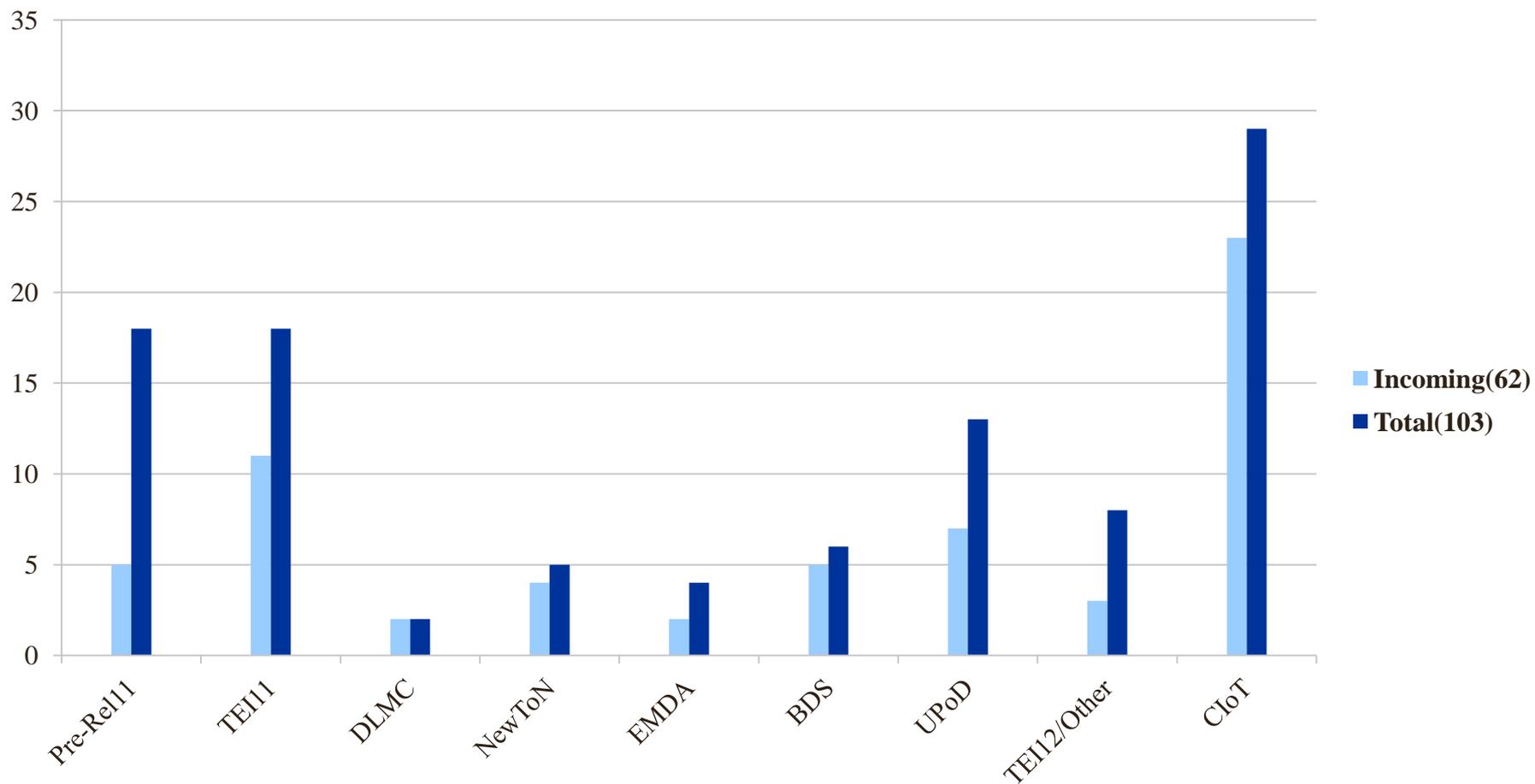
3GPP TSG GERAN WG2#63

Chairman's Summary (GP-140715)

Chairman: Yang ZHAO (Huawei Technologies)

Secretary: Gert THOMASEN (MCC report in GP-140716)

Incoming Contributions



Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00		LSs Pre-Rel11	UPoD	Revisions	
10:30		Coffee Break	Coffee Break	Coffee Break	
11:00		Rel-11 DLMC	UPoD BDS/EMDA	Revisions	
12:30		Lunch	Lunch	Lunch	
14:00		CloT (Architecture)	Revisions	CloT (security)	
15:30		Coffee Break	Coffee Break	Coffee Break	
16:00		CloT (cont') TEI12/NewTon	CloT (Clean-slate)	Revisions	
18:00			CloT (GSM Evo)		

Contents



Pre-Rel11 Corrections.....●



Rel-11 Work.....●



Rel-12 Work.....●

7.2.5.1 Pre-Rel11 corrections

➤ Corrections on unnecessary HO report

➤ GERAN#62

- LS from RAN3 in 0294
- WG2 acknowledges the. CRs are expected since Rel-10 at next GERAN meetings.

➤ GERAN#63

- 0699, 0709 CRs on **48.008** agreed since **Rel-10**: to add TAI and source EUTRAN CGI of the source cell for unnecessary Handover report.
- 0701, 0710, 0711 CRs on **48.018** agreed since **Rel-10**: to add TAI and source EUTRAN CGI of the source cell for unnecessary Handover report.
- Corresponding LS in 0651 is sent to RAN3

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Pre-Rel11 Corrections.....●



Rel-11 Work.....●



Rel-12 Work.....●

7.2.5.2.1 Miscellaneous Release 11 Corrections

➤ EARFCN Extension

➤ GERAN#62

- LS in 0298 from RAN4 confirms the feasibility of ALT1/ALT2 and asks GERAN to make the final decision
 - ALT1: local mapping of EARFCN values in the extended range (> 65535) to 16-bit encoded EARFCN code points
 - ALT2: Extending the EARFCN numbering space beyond 16 bits
- 0293 noted: proposal to use ALT1 for less impact on terminals

➤ GERAN#63

- [0631](#) Extension of EARFCN value range in GERAN: propose to use SI23 to include 18-bit EARFCN only (ALT2 above)
 - Concerns raised: terminal impact on SI acquisition time, power consumption etc.
 - CSG cells not dressed and more discussion needed
- [0691](#), [0692](#) CRs on **44.060**, [0625](#), [0626](#) CRs on postponed
- [0694](#), [0695](#) CRs on **48.018**, [0693](#) CR on **48.008** postponed: to introduce changes for unnecessary HO to support 18-bit EARFCN reporting
- [0652](#) Draft CR on **24.008** postponed

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Pre-Rel11 Corrections



Rel-11 Work



Rel-12 Work

7.2.5.3.1 Downlink Multicarrier

➤ Enhanced support of EMSR

- 0621 CR on 44.060 agreed: a more efficient way to indicate the use of EMSR within messages assigning a DL MC configuration and support PS Handover command to include carrier-specific EMSR.

➤ Corrections

- 0622 CR on 44.060 agreed: to correct a couple of errors and omissions.

7.2.5.3.3 New Training Sequence

➤ Introduction of extended TSC sets

➤ GERAN#62:

- 0382 CR on 44.018, 0383 CR on 44.060 postponed: proposes to introduce new TSC sets in signaling
 - Pending on WG1 discussion
 - clarification needed on assignment procedures and message coding

➤ GERAN#63

- 0588 Discussion on TSC sets combination:
 - Out of G2 scope
- 0619 CR on 44.018, 0658 CR on 44.060 **Conditionally agreed**: to introduce extended TSC sets in signaling
- 0595 Draft CR on 24.008 **Endorsed**: to introduce capability indication of NewToN for mobiles

7.2.5.3.4 Support of BDS

➤ Discussion on introduction of BDS

➤ GERAN#62

- 0302 Draft CR on 45.005 noted: derived from RAN4 and is seen to be decided in WG1
- 0304 for 44.031, 0305 for 44.071, 0306 for 48.031, 0307 for 49.031 postponed:
 - In principle accepted by WG2
 - Pending on Stage 2 CR on 45.005

➤ GERAN#63

- 0436 CR on 45.005 **Endorsed**
- 0698 for 44.031, 0438 for 44.071, 0439 for 48.031, 0440 for 49.031 **agreed**

7.2.5.3.5 EMDA

➤ GERAN#62

- G2 agreement: implicit TBF release solution is adopted into the TR and no impact is foreseen on PHY layer. WG2 concludes the completion of the study.

➤ GERAN#63

- 0696 TR v2.0.0 sent to GERAN plenary for approval
- 0697 new WID on implicit TBF release **noted**: lack of supporters

7.2.5.3.9 Power Saving for MTC Devices(1/2)

- Meeting Minutes of uPoD Telco#2 in **0487 noted**
- Work Plan in **0486 noted**
 - Telco#3: September 25
- TR update in **0485 noted**
- Discussion
 - Use case and Traffic model
 - GERAN#62
 - Use case: network-triggered /mobile autonomous reporting as basic use cases
 - traffic model: some attributes preliminarily included. More investigation needed.
 - Solution need to fulfill the performance requirements from software upgrade and alarming, the specific performance requirements are FFS.
 - GERAN#63
 - Traffic models **agreed** in **0659** for network-triggered and mobile-originated reporting
 - PCR of clarification for Use cases and traffic models **agreed** in **0708**
 - High/Medium Mobility, Active timer usage and requirements for Software upgrades remain FFS

7.2.5.3.9 Power Saving for MTC Devices(2/2)

➤ Discussion (Cont')

➤ Evaluation of Energy Consumption

- Operating Time and system default parameters are **agreed** as additional evaluation assumption in **0706**
- Reference case is **agreed** in **0706** to be used for both network-triggered and mobile-originated reporting
- Energy consumption evaluation in **0612 noted**
 - More investigation needed on attach and PDP context activation procedures

➤ TR updated in **0663** as the baseline for future discussion

7.2.5.3.10 TEI12

➤ Addition of MFBI-support in idle mode in GERAN

- 0488 Discussion noted: propose to broadcast different FDD ARFCN values corresponding to different frequency bands but designating the same physical UTRAN/E-UTRAN frequency are specified
- 0704 CR on 44.018, 0707 CR on 44.060 agreed accordingly

➤ Introduction of new RSRQ measurements definition

- 0494, 0645 LS from RAN4 to GREAN2: requesting GERAN2 to consider possibility for network to indicate to UE(s) in connected mode that whether the UE(s) shall utilize new RSRQ measurement method and whether a new indication of UE capability is needed.
 - Ongoing discussion between RAN2 and RAN4 on related potential issues and it is premature to make a decision for this meeting. Actions are expected next GERAN meeting.

7.2.5.3.11 Cellular IoT (1/3)

- Meeting Minutes of CloT Telco#3 in **0673 noted**
- Work Plan in **0538 noted**
 - G2 agreement: two G1&G2 joint meetings with decision power arranged, focusing on CloT discussion only
 - 2-5 Feb 2015, Sophia Antipolis
 - 20-23 April 2015, TBD
- TR Skeleton in **0471** and introductory section in **0680 agreed**
- Discussion
 - Architecture
 - **0477 noted**: proposal on Prioritization of required functionality for Cellular IoT system
 - WA **agreed** in **0655** on system-level functions and evaluations
 - **0568 noted**: preliminary analysis on comparison between Gb and S1
 - More investigation needed on RRC signalling optimization and IP header compression

7.2.5.3.11 Cellular IoT (2/3)

➤ Discussion (Cont')

➤ Security

- Various proposals on security consideration in [0568](#), [0478](#), [0615](#)
- G2 agree to send LS in [0717](#) to SA3 to inform the objective and time plan of CloT regarding to security part

➤ Clean-slate solution

- [0571](#), [0572](#), [0570](#), [0569](#) noted: proposals on MAC layer design, including RACH, PCH, BCCH/System information etc.
 - More investigation needed
 - Paging channel is needed for network design

➤ GSM Evolution

- [0602](#), [0603](#), [0604](#), [0605](#), [0606](#), [0624](#), [0609](#), [0607](#) noted: proposals on Enhancements on RACH, PCH, BCCH/System information etc.
- [0557](#) noted: comments on GSM Evolution
- More investigation needed

7.2.5.3.11 Cellular IoT (3/3)

- **Discussion (Cont')**
 - **Traffic model & evaluation**
 - 0681, 0682 -> sent to joint session

- **TR update in 0714 as the baseline for future discussion -> sent to plenary**

Outgoing LSs

➤ Source GERAN2

- GP-140651 LS to RAN3 on the routing information for the Unnecessary HO to another RAT detection
- GP-140717 LS to SA3 on Security Framework for Cellular IoT

Next Meetings

- GERAN2#64 18 - 20 Nov 2014, San Francisco, US
- WG1&2 adhoc 02 - 05 Feb 2015, Sophia Antipolis, France
- GERAN2#65 09 - 13 Mar 2015, Shanghai, China
- WG1&2 adhoc 20 - 23 April 2015, EU
- GERAN2#66 25 - 29 May 2015, EU



Thank You