



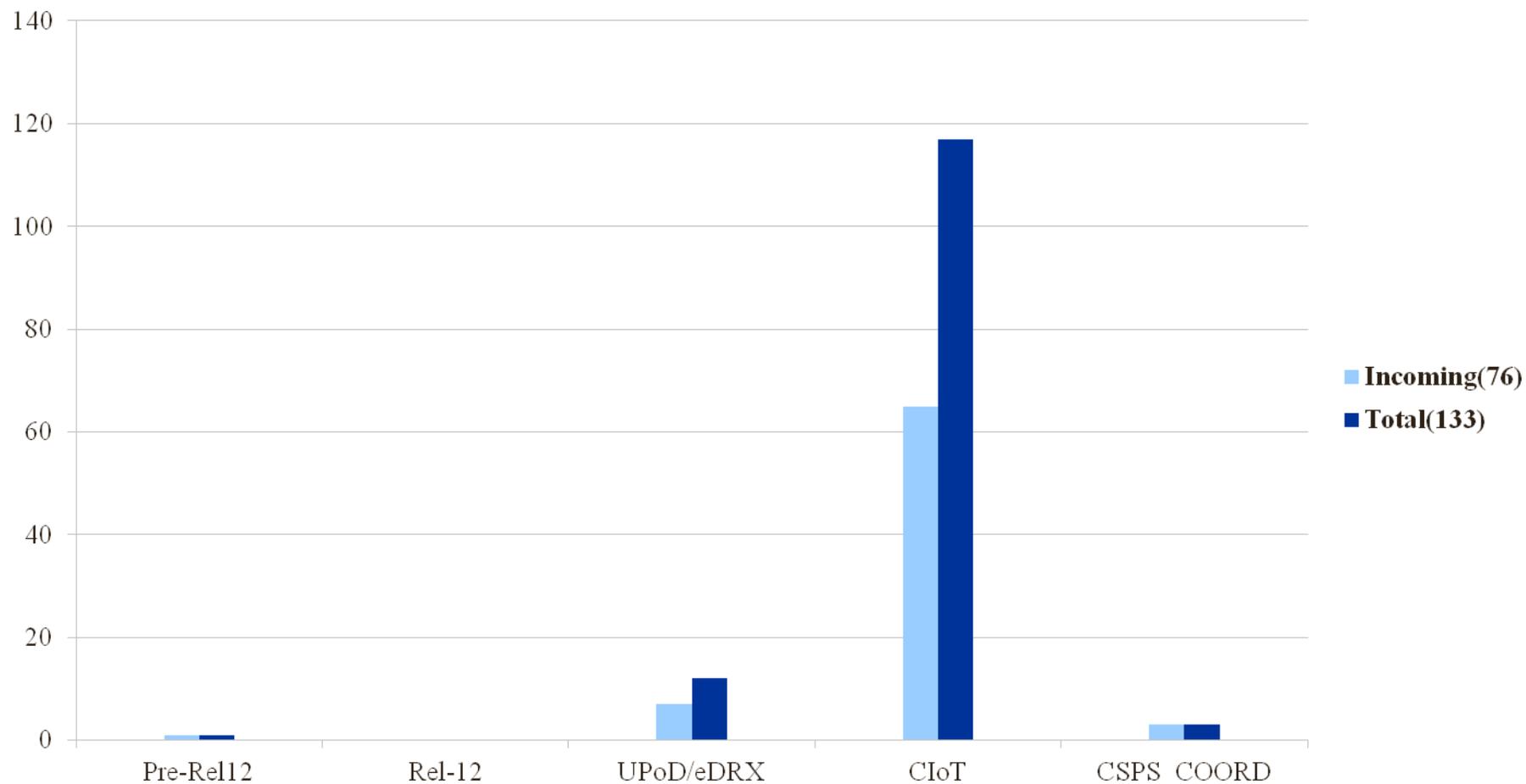
3GPP TSG GERAN WG2#67

Chairman's Summary (GP-151017)

Chairman: Yang ZHAO (Huawei Technologies)

Secretary: Gert THOMASEN (MCC report in GP-150990)

Incoming Contributions



Schedule

	Monday	Tuesday	Wednesday	Thursday
9:00-10:30		N-GSM	eDRX/UPoD	CS/PS coord
Coffee Break				
11:30-12:30		CUNB	eDRX/UPoD	Revision
Lunch				
14:00-15:30	Report/LS	CUNB	Other CloT aspects	Revision
Coffee Break				
16:00-18:00	NB-CIoT	EC-GSM	Other CloT aspects	CloT work plan
18:00-20:00	NB-CIoT	EC-GSM		

Contents



Pre-Rel12 Corrections



Rel-12 Work



Rel-13 Work

7.2.5.1 Pre-Rel12 corrections

- **0718 Reply LS on Introduction of extended EARFCN value range in GERAN noted**
 - CT1 informs GERAN2 that CT1 has agreed CRs to update TS 24.008 to include the Extended EARFCN value range support indicators based on GERAN's endorsed CRs.

Contents



Pre-Rel12 Corrections.....



Rel-12 Work.....



Rel-13 Work.....

Rel-12

➤ None

Contents



Pre-Rel12 Corrections



Rel-12 Work



Rel-13 Work

7.2.5.3.3 UPoD & eDRX

- TR update to v1.3.0 in **0921 agreed**
 - Decided to transfer to v2.0.0 and sent to plenary for approval

- eDRX
 - **Procedures of Synchronization for paging**
 - Discussion paper in **0743 noted**
 - Two alternatives are seen and more discussion needed
 - LS in **0988** sent to SA2 for guidance

 - **Event-triggered Neighbour Cell Measurement in Idle Mode**
 - **0745** CR on 44.018 postponed
 - **0848** CR on 45.008 postponed

 - **Introduction of Power Efficient Operation**
 - **0771** CR on 44.018 postponed
 - **0772** CR on 44.060 postponed
 - **0928** CR on 48.018 **Conditionally agreed**

7.2.5.3.4 Cellular IoT (1/7)

➤ Work plan

- 0752 Proposed Workplan for Cellular IoT (FS_IoT_LC) noted
- 0753 Potential Meeting Schedule for Normative Work following FS_IoT_LC noted

➤ Discussion

➤ Architecture

- 0930 Overall Conclusion on Architecture Aspects agreed

➤ Other

- 0829 Operator requirements on network sharing, cell barring and access control for “clean slate CloT” systems, PCR in 0929 agreed

7.2.5.3.4 Cellular IoT (2/7)

➤ Discussion (Cont')

➤ EC-GSM

- 0800 On SCH coverage extension in GSM legacy systems **noted**
- 0836 Reducing Signaling and Connection Setup Related Overheads for EC-GSM Devices **noted**: more investigation needed
- 0837 Ready State DRX for Cellular IoT **noted**, related PCR in 0838 **noted**
- 0897 pCR on Miscellaneous corrections and clarifications **Conditionally agreed**
- 0755 pCR Correction to EC-GSM battery lifetime estimation **agreed**
- 0742 EC-GSM - Impacts to Legacy Base Stations **noted**
 - Seen as purely G1 discussion
- 0918 Conclusion to the TR; pCR in 0987 **Conditionally agreed**
- 0920 New Work Item on Extended Coverage GSM (EC-GSM) for support of Cellular Internet of Things -> sent to GERAN closing plenary for further discussion
- 0769 EC-GSM, WI meeting schedule -> sent to GERAN closing plenary for further discussion

7.2.5.3.4 Cellular IoT (3/7)

➤ Discussion (Cont')

➤ N-GSM

- 0820 Design and performance for N-BCCH **noted**, pCR in 0821 **Conditionally agreed**
- 0853 Design and Performance for N-PDTCH **noted**, pCR in 0854 **Conditionally agreed**
- 0814 Throughput and Delay Analysis for Uplink Traffic Channel **noted**, related PCR in 0907 **agreed**
- 0991 Latency Analysis for Exception Report **noted**, related PCR in 0886 **agreed**

7.2.5.3.4 Cellular IoT (4/7)

➤ Discussion (Cont')

➤ NB-CIoT

- 0749 pCR on Link Layer: Miscellaneous Corrections **agreed**
- 0805 pCR on Miscellaneous corrections to section 7.3.2 **agreed**
- 0747 Examples of message flows **noted**, pCR in 0901 **agreed**
- 0902 pCR on idle mode procedures **Conditionally agreed**
- 0903 pCR on corrections of Energy consumption evaluation **Conditionally agreed**
- 0938 pCR to TR 45.820 - corrections to NB-CIoT latency evaluation **Conditionally agreed**
- 0971 pCR on Miscellaneous correction to section 7.3.5 **agreed**
- 0726 pCR 45.820 on MS Complexity Analysis **Conditionally agreed**
- 0875 Analysis of L2/L3 reuse of LTE for NB-CIoT **noted**, related pCR in 0960 **agreed**
- 0951 Procedures of Synchronization for Paging **agreed**
- 0986 Proposed Conclusion for the Cellular IoT SI **noted**, related pCR in 0906 **Conditionally agreed**

7.2.5.3.4 Cellular IoT (5/7)

➤ Discussion (Cont')

➤ CUNB

- 0982 General Description noted, pCR in 0983 Conditionally agreed
- 0974 Link Layer Aspects noted, pCR in 0984 agreed
- 0976 Radio Resource management noted, pCR in 0977 Conditionally agreed
- 0978 Latency Evaluation noted, pCR in 0979 noted
- 0913 Battery Life Evaluation noted, pCR in 0914 noted
- 0915 Capacity Evaluation noted, pCR in 0916 noted

7.2.5.3.4 Cellular IoT (6/7)

➤ Discussion (Cont')

➤ NB-LTE

- [0866](#) Proposed way forward for CIoT Clean Slate normative phase [noted](#)
 - Concerns raised in [0874](#) in various aspects
- [0863](#) Narrowband LTE – Concept description [noted](#), pCR in [0877](#) [noted](#)
 - No feasibility analysis provided on deployment for GSM/UMTS spectrum
 - No feasibility analysis provided for in-band deployment
 - system information mechanism is missing
 - ePDCCH design is missing
- [0933](#) Reuse of LTE L2/L3 layers for Cellular IoT [noted](#), pCR in [0952](#) [noted](#)
- [0689](#) Narrowband LTE MAC Design [noted](#)
 - More investigation needed
- [0784](#) Narrowband LTE – DCI Concept [noted](#), pCR in [0826](#) [noted](#)
 - Concerns raised in [0872](#) acknowledged by the proponents

7.2.5.3.4 Cellular IoT (7/7)

➤ Discussion (Cont')

➤ NB-LTE

- [0786](#) Narrowband LTE – Exception report latency evaluation [noted](#), pCR in [0796](#) [noted](#)
 - More investigation needed
- [0787](#) Narrowband LTE – Battery lifetime evaluation [noted](#), pCR in [0797](#) [noted](#)
 - More investigation needed
- [0787](#) Narrowband LTE (NB-LTE) Cost/Complexity [noted](#)
 - Concerns raised on protocol stack aspect and no specific arguments provided to prove the conclusion
- [0827](#) Narrowband LTE – Conclusion [noted](#), pCR in [0828](#) [noted](#)
 - Seems premature to conclude
- [0867](#) New WID on “Low Complexity Radio Access Network for Cellular Internet of Things” [noted](#)

7.2.5.3.5 CSPS_Coord_GERAN

- Discussion on Enhancements to CS/PS coordination in GERAN shared network
 - Discussion paper in [0778](#) noted
 - [0776](#) CR on 48.008 Enhancements to CS/PS coordination in shared networks postponed: more time needed to review
 - [0777](#) CR on 48.008 Enhancements to CS/PS coordination in shared networks postponed: more time needed to review

Outgoing LS

- 0988 Follow Up LS on RAN assumptions from SA2 for FS_eDRX to SA2

Next Meetings

- GERAN WG2#68 16 - 19 Nov 2015 Anaheim, USA



Thank You