3GPP TSG GERAN2 AdHoc on MTC

Chairman's Summary

Chairman: Guillaume Sébire
Secretary: Gert Thomasen

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Incoming Contributions

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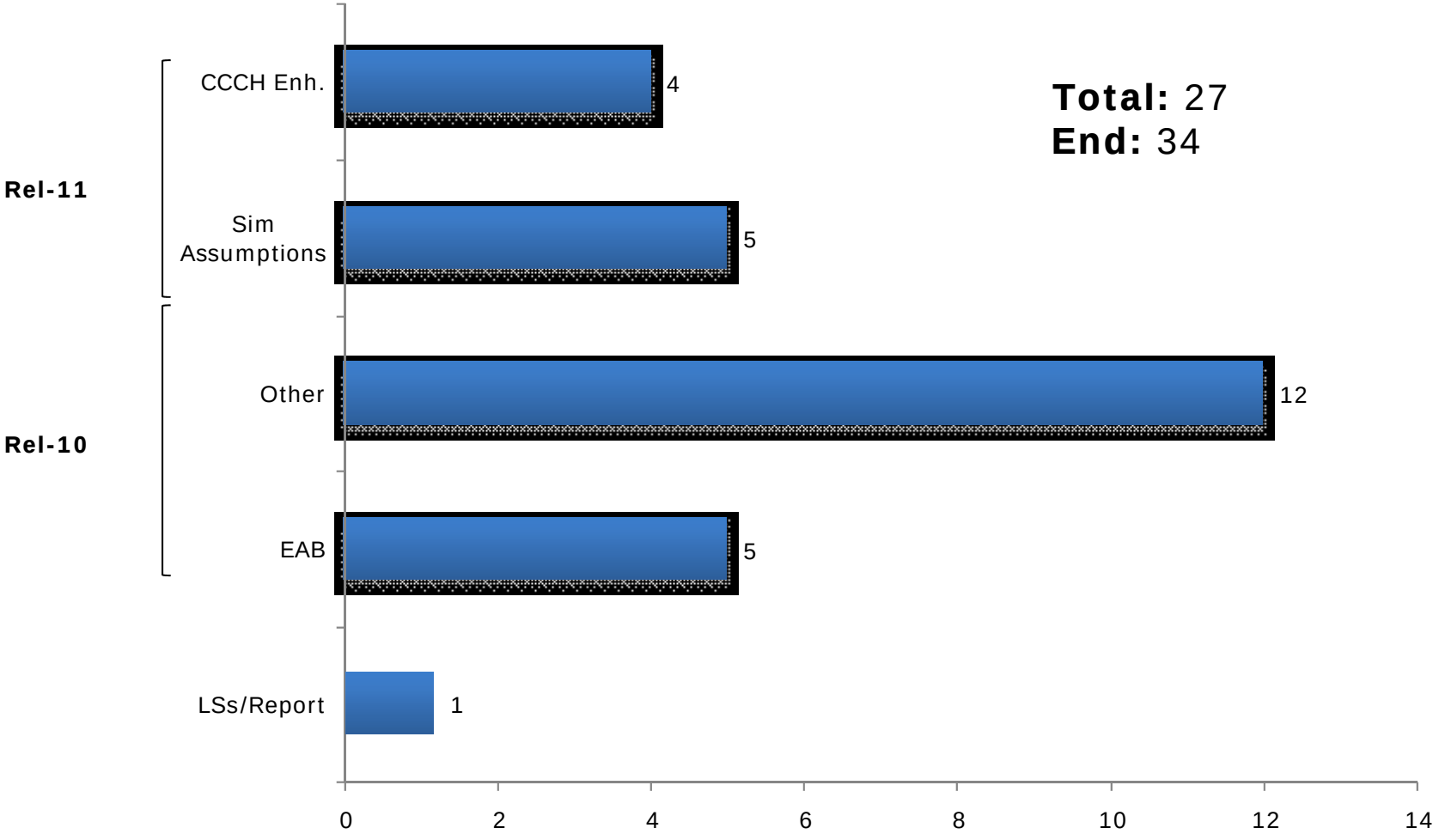
Incoming Contributions



Total: 27
End: 34

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Schedule

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Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
8am					
9am					
10am				EAB	Sim Assumptions
11am				Coffee	Coffee
12pm				EAB	Sim Assumptions
1pm				Lunch	Lunch
2pm				Other	CCCH Enh.
3pm					
4pm				Coffee	Coffee
5pm				Other	CCCH Enh.
6pm				Sim Assumptions	
7pm					
8pm					

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NIMTC

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NIMTC

- **EAB** (G2-110010, G2-110018, G2-110026)
  - EAB Indication (i.e. indicates SI21 broadcast for MS configured for EAB)
    - SI13, SI9, SI2bis not seen appropriate
    - SI4 Rest Octets: concerns this is tied to BCCH Ext
    - SI3 Rest Octets: issue with Iu indicator
    - SI3 Control Channel Desription IE: backwards compatibility with legacy terminals (CBQ2 is related to COMPACT) to be 2x checked
  - EAB Information
    - Broadcast only in a new SI21 message
    - Optional struct (i.e. SI21 could be used for other purpose than EAB)
    - TC: whether to have a) fixed TC (e.g. TC=4), b) fixed TC-count in a cell or c) non-fixed TC is FFS
    - Broadcast of SI21: on BCCH Norm or BCCH Ext or always BCCH Ext if BCCH Ext is used: FFS
    - Whether to have a) a SI21 change mark mechanism, b) SI21 acquisition and EAB valid for some time, or c) SI21 acquisition before each access is FFS
  - **G2-110019, G2-110020** CRs 44.018, 44.060 postponed

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NIMTC

- **Immediate Packet Assignment (IPA)**
  - Principle to assign packet resources to >1 MS with a single message (in a single block) – NOTE the proponents propose this as a generic mechanism, not tied to MTC
    - Discussion in **G2-110004**, **G2-110013**
    - Some disagreement remain as to what parameters must be made common/individual
    - Further evaluation of the gains was also requested (see below)
  - Some evaluation provided in **G2-110003**: more evaluations requested to evaluate the system gains when legacy traffic (hence legacy assignments) is used
  - **G2-110007, G2-110008** CRs 44.018, 44.060 postponed

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NIMTC

- **CCCH Congestion Avoidance**
  - Proposal in **G2-110011**
  - Misc. concerns raised on the proposal, in particular on load estimation on Downlink CCCH
  - **G2-110012** CR 44.060 postponed
- **Low Access Priority (LAP)**
  - **G2-110015, G2-110016** CRs 44.060, 44.018 postponed Low Access Priority NAS signaling indication at RACH
  - No consensus at this stage that new means in Rel-10 need to be specified for a MS configured for “Low Access Priority” to indicate so at RACH to the BSS
    - Further discussion encouraged prior GERAN#50 incl. PS/CS scenarios

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NIMTC

- **Implicit reject with wait timers (G2-110025, G2-110027)**
  - Proposal that
    - An MS configured for LAP (and allowed to access the cell as per EAB) would not access the cell if some “reject” indication (incl. “no-access” duration) is 1st detected on AGCH
    - An MS that would have made a LAP RACH access (if defined) would be implicitly rejected
    - The “no-access” duration is provided by the BSS
      - Whether the duration is configured by O&M, received from the CN, or both is open
    - Added value with EAB is not clear
    - Cannot be only applicable to GPRS

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SIMTC

- Meeting minutes from the telco in **G2-110031** (noted)
- Simulation Assumptions
  - G2-110014, G2-110023, G2-110002, G2-110006
  - Agreements:
    - Results reporting in 10s intervals required
      - Additional interval(s) can be contributed
    - Global average results required
    - Single RACH procedure required
      - Repetition of the RACH procedure can be contributed
    - Legacy traffic T3 required in conjunction with T1 and T2
      - T3+T2: Legacy traffic to reach a stable level before MTC traffic starts (10s intervals start when MTC traffic starts)
      - T3+T1: Both legacy traffic and MTC traffic to reach a stable level
      - Arrival rate of legacy mobiles: 5/s is required
        - 10/s, 20/s can be contributed
    - Agreed KPIs in 43.868 required to be evaluated
  - FFS
    - Legacy PS / CS traffic proportions: to be decided at GERAN#50
    - ASR benchmark for legacy traffic
    - Prioritization between KPIs is FFS. Whether additional KPIs are needed is FFS
  - **G2-110033** update to the simulation assumptions in 43.868: endorsed
    - Must be used for simulations for GERAN#50

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SIMTC

- **CCCH Enhancements**
  - **G2-110021** Comparison between “Huawei” and “Ericsson” proposals when Immediate Assignment prioritization between legacy and low access priority traffic is enabled
    - First evaluation including prioritization between low-access priority traffic and other traffic
    - Misc. clarifications
  - **G2-110005** Comparison between “Huawei” and “Ericsson” proposals
    - T1 scenario missing; Access Delay missing
    - Misc. clarifications
  - **G2-110030** Evaluation of RACH prioritization proposed at GERAN#49 (GP-110236)
    - GERAN#49: Concerns raised on the implied resource segregation on RACH
    - Misc. clarifications
  - **G2-110028** Comparison between Implicit Reject and “Renesas” proposals
    - It was noted that the “Renesas” proposal was not properly implemented in the simulator
    - Misc. clarifications

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Next Meetings

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Next Meetings

- GERAN#50 17 – 19 May 2011 Dallas, USA
- GERAN#51 30 Aug – 1 Sept 2011 Goteborg, Sweden

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