Chairman's Summary

3GPP TSG GERAN2#26 – Schaumburg, IL, USA

30 August – 01 September, 2005

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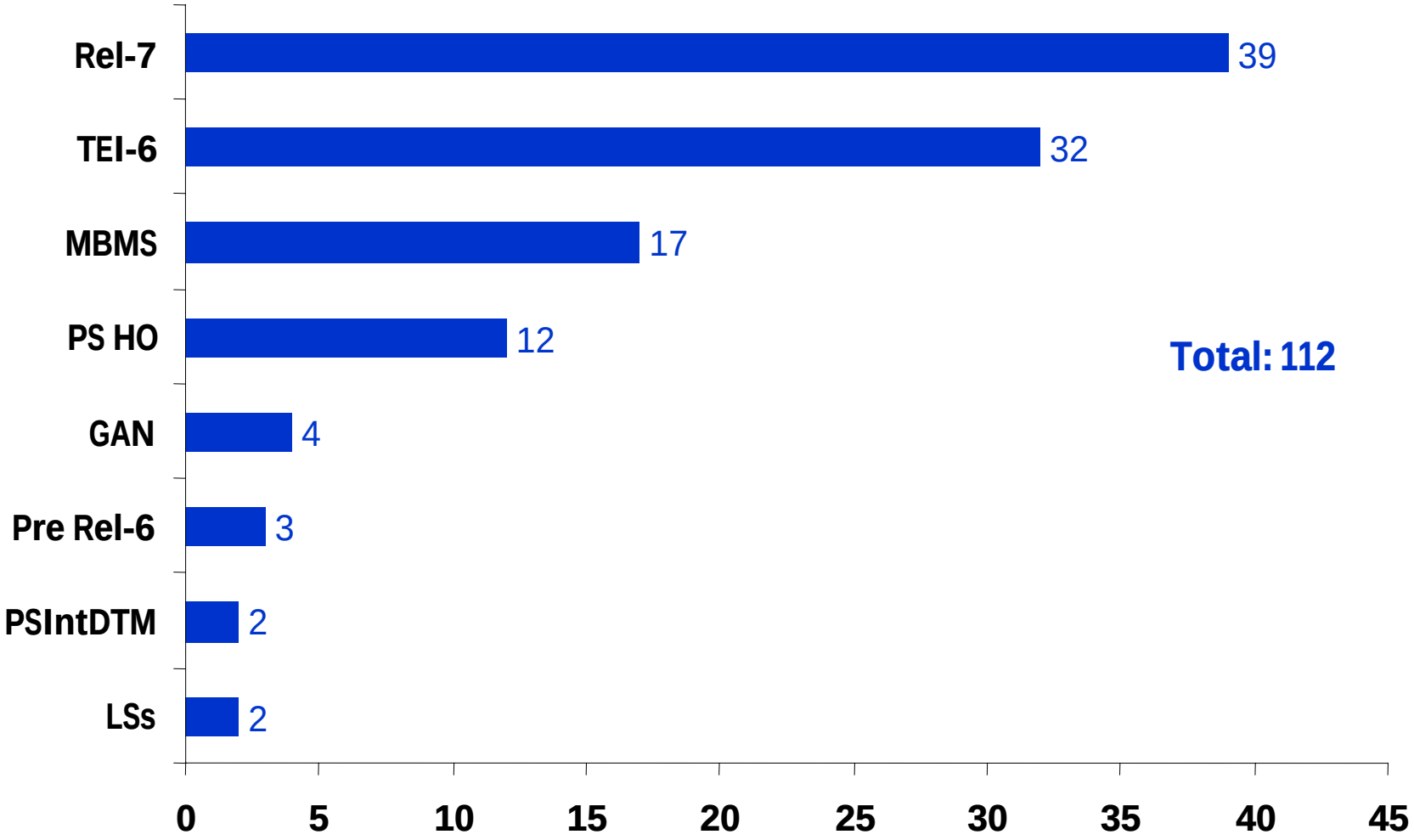
Incoming Contributions per Agenda Item



Total: 112

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	Monday	Tuesday	Wednesday	Thursday	Friday
8am	Plenary	Incoming LS Pre Rel-6 PS Int DTM MBMS	TEI-6	DTM HR USF GERAN Evo	Plenary
9am					
10am				Revisions	
11am		Coffee	Coffee	Coffee	
12pm		PS HO	DTM Handover	Revisions	
1pm		Lunch	Lunch	Lunch	
2pm		GAN	EVGCS	Revisions	
3pm		MBMS	TEI-7		
4pm		Coffee	Coffee	Coffee	
5pm		PS HO TEI-6	TEI-7 GERAN Evo		
6pm					
7pm			Social Event		
8pm					

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Pre Rel-6 Corrections

- GP-052068, GP-052069, GP-052070 CRs 44.060 agreed (Rel-4+)
  - CSN.1 correction for Packet Measurement Order
- GP-052275 – GP-052279 CRs 04.60, 44.060 agreed (R99+)
  - CSN.1 correction of EGPRS ACK/NACK Description

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Completed Rel-6 Work Items

- PSIntDTM
  - GP-052213 Draft CR 24.008 endorsed
    - Mobile Identity in PAGING RESPONSE in case of DTM Enhancements MT case
    - LS to CT1 in GP-052079

- GAN
  - GP-052229 CR 44.318 agreed
    - TU4002 expiry and TCP supervision
  - GP-052143 CR 44.318 agreed
    - Removal of addressing from 44.318: moved to 23.003
    - Specs to be updated only provided CT4 approve their corresponding CR
  - GP-052230 CR 44.318 postponed
    - Handling of out-of-sequence sequence number
  - Handover from UTRAN to GAN
    - More work needed until coming RAN2 (October)

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Completed Rel-6 Work Items – MBMS (1/2)

- GP-052321, GP-052322 CRs 44.060 agreed
  - MBMS Feedback and Ncell reporting. Introduction of MBMS Downlink Ack/nack
- GP-052080, GP-052081, GP-052082, GP-052083 CRs 44.060, 44.018 agreed
  - Power control parameters for UL feedback provided in MBMS ASSIGNMENT (non-distribution), MBMS MS ID ASSIGNMENT and IMMEDIATE ASSIGNMENT messages
- GP-052095, GP-052096 CRs 48.018 agreed
  - Redefinition of the Application Container for the MBMS data channel Application
  - Reflect changes in MNCI message
- GP-052139, GP-052140 CRs 48.018 agreed
  - Support of Allocation/Retention Priority for MBMS
- GP-052219, GP-052220 CRs 48.018 agreed
  - Introduction of Time to data transfer IE
- GP-051973, GP-051974 CRs 44.060 agreed
  - Retry bit for MPRACH

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Completed Rel-6 Work Items – MBMS (2/2)

- Session Duration
  - Gb: GP-052140, GP-052302 CRs 48.018 agreed
  - Um: GP-052255, GP-052256 CRs 44.060 agreed
    - Estimated session duration
- Permeable Layer Receiver
  - LS to SA4, cc RAN2 in 2216
  - Rel-6 regardless of SA4 decision wrt FEC in Rel-6/7
  - Minimal changes in RLC: Fill bits ‘0’ for EGPRS case. Proposal endorsed pending feedback from SA4
  - GP-052093, GP-052094 CRs 44.060 postponed

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Open Work Items – PS Handover in A/Gb mode (1/2)

- Stage 2 (43.129)
  - GP-052030 Endorsed
  - GP-052031 Endorsed
  - GP-052218 Endorsed
  - GP-052033 Endorsed
  - GP-052221 Endorsed
- Stage 3
  - GP-052222, GP-052223 CRs 44.060 agreed
    - Min UL TBF Allocation at PS HO
  - GP-052097, GP-052098 CRs 48.018 agreed
    - TLLI in PS HO Complete
  - GP-052306, GP-052307 CRs 44.060 agreed
    - Support of different PS HO synch. Cases
    - CR 45.010 needed

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Open Work Items – PS Handover in A/Gb mode (2/2)

- Transferring of UE RAC and START PS from the MS to the BSC
  - GP-052272 CR 43.129 noted
  - GP-052304, GP-052305 CRs 48.018 postponed – Plenary
- Service-based PS Handover
  - Network-only proposal (Rel-7)
    - Not visible to MSs
  - Removal of some unintended restrictions in 44.060 (Rel-6) needed

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TEI-6 (1/3)

- VGCS
  - GP-052242, GP-052323 CRs 44.018 agreed
    - Ciphering of VGCS subsequent talker
  - GP-051956 CR 48.008 agreed (Rel-7)
    - Ciphering keys for VGCS talker on a dedicated channel
  - GP-052324, GP-052325 CRs 44.018 agreed
    - Segmented notifications
  - GP-052249, GP-052250 CRs 44.018 agreed
    - EFR Codec for VGCS
  - Misc. corrections

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TEI-6 (2/3)

- Repeated SACCH
  - GP-052090 CR 44.006 postponed
    - Scheduling SAPI=0 repetitions vs SAPI=3 frames
      - Impact in 3GPP TS 44.006 §8.9 (performance section)
      - Impact on SMS protocols: other groups to be notified in due time
    - Reliability of using SACCH L1 spare bits to be checked
  - GP-052091 CR 44.004 postponed
    - Reliability of using SACCH L1 spare bits to be checked
    - CR otherwise ok as to SRR/SRO bit in L1 header
      - §6.1 to be updated
  - Draft CR 24.008 noted
    - MS support indication needed (CM3) allowing early implementaiton

  - GP-052104, GP-052105, GP-052106, GP-052107 CRs 44.018 postponed
    - Measurement period indication: needed/not needed?

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TEI-6 (3/3)

- EDA – Reduction of PDCH Allocation in EDA
  - GP-052251, GP-052252 CRs 44.060 agreed
- "Phantom" TBFs
  - New feature > Rel-7 very likely
  - Allow early allocation of TBF i.e. before start of actual data transfer: avoids TBF establishment delay when data is available
  - High similarities with Extended UL TBF mode, Delayed DL TBF release
    - Changes would/should be minimal
  - GP-052039, GP-052040 CRs 44.060 postponed
- Misc.
  - GP-052254 CRs 44.060 agreed (Rel-7)
    - Clarify Packet (P)SI Status can be sent during contention resolution (no TLLI)
  - GP-052257, GP-052258 CRs 44.060 agreed
    - Timer for RR connection in packet transfer mode
  - GP-052259 CR 48.008 agreed (Rel-7)

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Other technical work – Rel-7 (1/5)

- Handover of Shared and Dedicated Resources in DTM
  - Alignment for succesful case between companies
  - CS higher priority: if CS HO cannot be completed, DTM HO fails altogether (I.e. PS not HO'ed either!)
  - Need for DTM Handover Failure (MS>BSS)?
  - Need for cause values (RAN/CN failure)?
  - 43.055 parent stage 2 spec for DTM HO, referring to 43.129, 23.009

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Other technical work – Rel-7 (2/5)

- EVGCS
  - GP-052308 CR 44.018 agreed
    - Status of emergency mode in Notification/NCH
  - GP-051954 CR 44.018 agreed
    - Emergency mode and Uplink busy
  - Correction to VGCS Additional Information
    - GP-052309 CR 44.018 agreed
    - GP-052262 CR 48.008 agreed
  - GP-052263 CR 48.008 agreed
    - VGCS/VBS Assignments for terrestrial resource
    - Consistency MSC/BSC of channel type and Downlink DTX flag when A interface circuit sharing is used
    - VGCS Assignment failure returned by BSC if channel type not available in BSS

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Other technical work – Rel-7 (3/5)

- Future GERAN Evolution
  - TTI reduction (single carrier)
    - Performance evaluation to be shown
    - Comments tobe captured in FS
    - No increase of throughput
    - Fixed gain of 10/15ms to send data of any size (starting from one RLC data bock up to whatever)
    - No visible gain idle>active (relative to ~450ms)
    - Any visible gain while TBF active?
  - B2DA
    - Statistics of the gains to be shown (histogram of outstanding RLC blocks)
    - compare vs latest EDA evo i.e. accounting for Ericsson's proposal on Reduction of PDCH Allocation in Extended Dynamic Allocation
  - Event-based ack/nack reporting
    - Performance evaluation needed in realistic polling conditions
    - Gains expected to be larger for smaller RLC windows
    - Use of spare bits for ack/nack to be clarified: esp. GPRS (1 spare bit in the UL RLC/MAC header)

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Other technical work – Rel-7 (4/5)

- Packet loss measurement function
  - Concerns on the need to specify a mechanism to measure packet loss on IP subnet while methods are already available (O&M)

- MBMS Transfer mode
  - Allows flexible ptm allocation
  - Under investigation

- DTM HR USF
  - Use case questioned
  - Benefits vs complexity questioned
  - Pending GERAN1 guidance
  - CRs not presented

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Other technical work – Rel-7 (5/5)

- GP-051971 CR 44.060
  - GERAN1 guidance needed as to initial intention behind reporting of per-timeslot-interference measurements in EGPRS
  - Plenary
- GP-052034 CR 44.018
  - Fast RACH – removal of spreading at initiation of immediate assignment procedure
  - GERAN1 guidance needed
    - Concerns expressed as to implied response requirements for the MS: CR forces a response within 9 – 12 TDMA frames after the last TDMA frame of the random access
  - Plenary
- Other misc. corrections

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Outgoing LSs

- GP-052310 LS to SA4 cc RAN2 on MBMS FEC
- GP-052079 LS to CT1 on correction of Mobile Identity in Paging Response (DTM Enhancements)
- GP-052241 LS to SA3 cc RAN2, CT1 on Security key set change on PS handover
- GP-052217 LS to CT4 on Time to MBMS Data Transfer

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Workplan

- GP-051805 Workplan GERAN2.zip

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Future meetings

• GERAN2#26bis	03-05 Oct 2005	Sophia Antipolis
• GERAN2#27	08-10 Nov 2005	Atlanta, USA

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