3GPP TSG GERAN2#29

San José del Cabo, 25-27 April, 2006

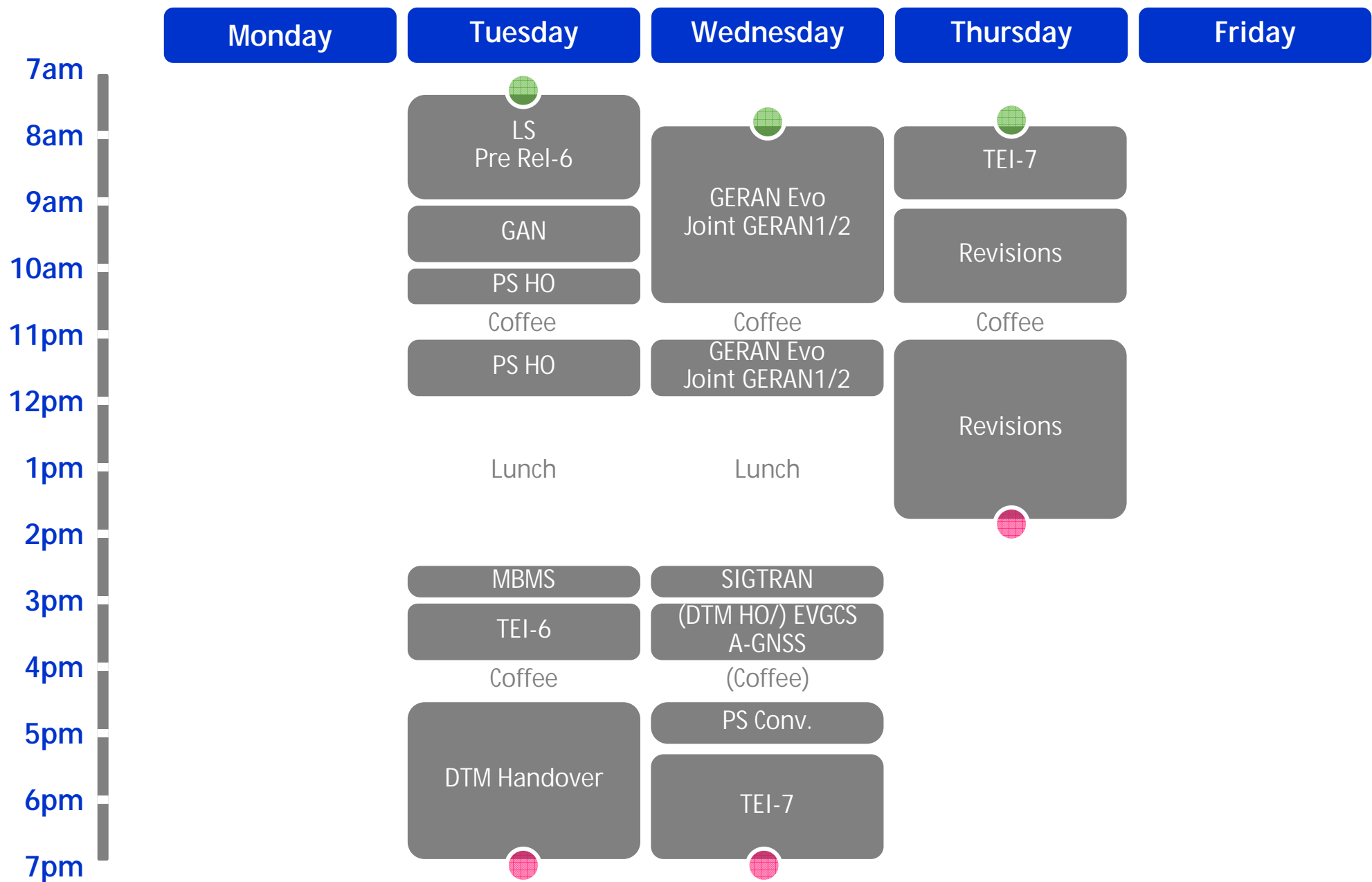**Chairman's summary**

Guillaume SÉBIRE (Nokia-TP/Hki)

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Incoming Contributions per Agenda Item
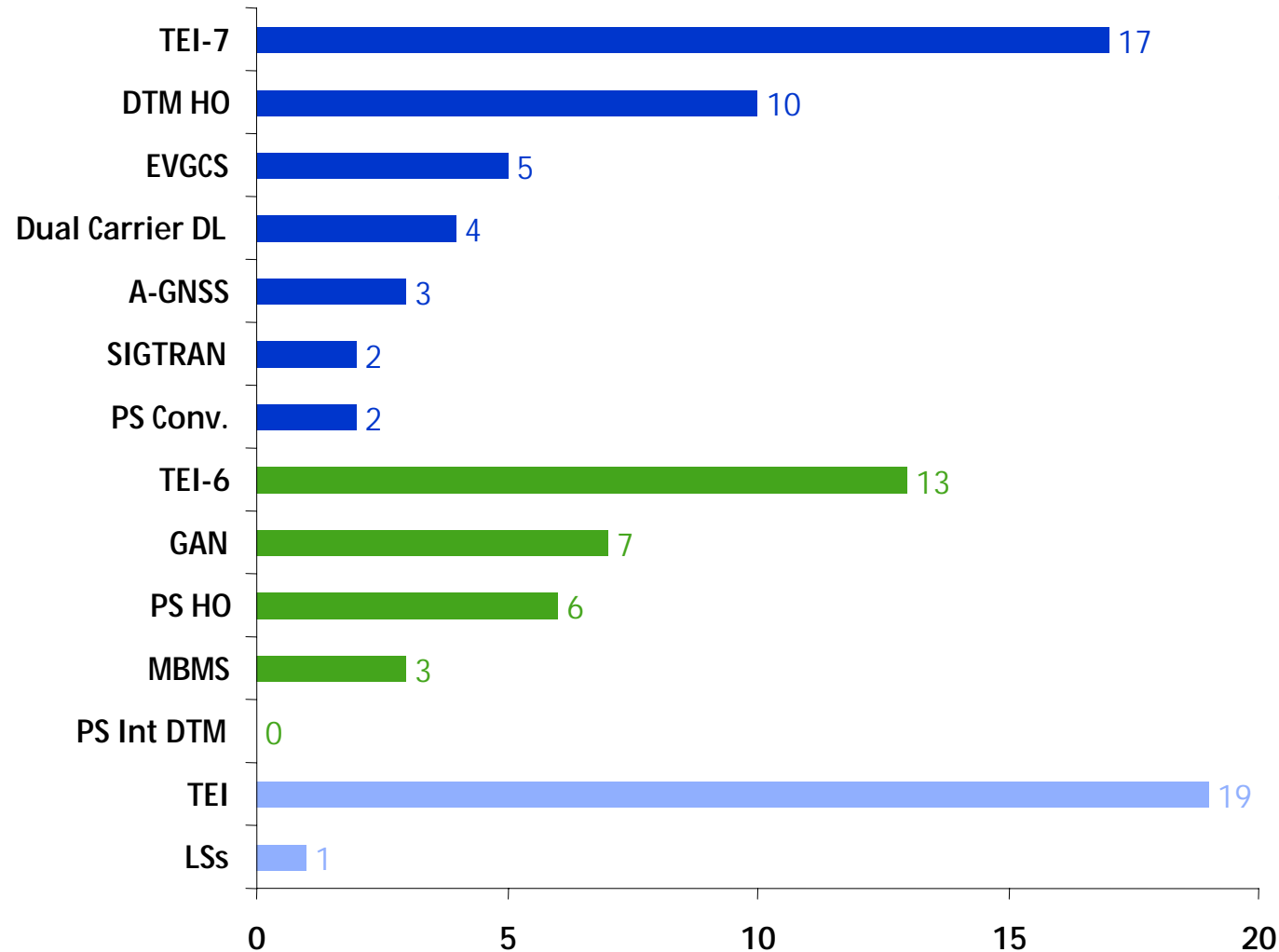
Total: 102

Excluding CRs agreed in G2#28bis

Chart data:
- TEI-7: 17
- DTM HO: 10
- EVGCS: 5
- Dual Carrier DL: 4
- A-GNSS: 3
- SIGTRAN: 2
- PS Conv.: 2
- TEI-6: 13
- GAN: 7
- PS HO: 6
- MBMS: 3
- PS Int DTM: 0
- TEI: 19
- LSs: 1

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	Monday	Tuesday	Wednesday	Thursday	Friday
7am					
8am		LS Pre Rel-6		TEI-7	
9am		GAN	GERAN Evo Joint GERAN1/2	Revisions	
10am		PS HO			
11pm		Coffee	Coffee	Coffee	
		PS HO	GERAN Evo Joint GERAN1/2		
12pm				Revisions	
1pm		Lunch	Lunch		
2pm					
3pm		MBMS	SIGTRAN		
		TEI-6	(DTM HO/) EVGCS A-GNSS		
4pm		Coffee	(Coffee)		
5pm			PS Conv.		
6pm		DTM Handover	TEI-7		
7pm					

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Pre Rel-6 Corrections (1/2)

- MS Behaviour with DTM ASSIGNMENT COMMAND (R99+)
    - One implementation irrespective of the support of MTBF (Rel-6+) or not
    - 2a: Less TBFs than ongoing
        - Resolved by mandating the network to address as many TBFs as currently assigned
    - 2c: More TBFs than ongoing
        - More efficient to allow the reconfiguration of all resources upon assignment of a new TBF, however this is an enhancement and would only be made in Rel-7 (Rel-6?)
            - Linked with DTM Enhancements in Rel-6
        - Resolved by mandating the network to address as many TBFs as currently assigned
    - 3a: handover between request / assignment
        - Any (uplink) request made in the old cell is discarded: Return DTM Assignment Failure upon reception of DTM ASSIGNMENT COMMAND including UL TBF.
        To accept a DTM ASSIGNMENT COMMAND (downlink TBF) in the new cell, DTM Info / SI6 must have been received before that
    - GP-060985, GP-060986, GP-060987 CRs 04.18, 44.018: Plenary
    - GP-060793, GP-060843 CRs 44.018 postponed (Rel-6+)
    - GP-060798, GP-060844 CRs 44.060 postponed (Rel-6+)

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Pre Rel-6 Corrections (2/2)

- RAI in RIM Routing Information toward RNC (Rel-5+)

  - Replacement of Global RNC ID by RNC Identifier: allows the DNS queries for RIM proc. and SRNS relocation to be the same

  - GP-060845, GP-060846 CRs 48.018 agreed

  - GP-060847 CRs 48.018 agreed

- HMSC and (EGPRS) PACKET CHANNEL REQUEST (Rel-5+)

  - Define the coding of the MSC bits in (EGPRS) PACKET CHANNEL REQUEST messages: only MSC 1-29 can be indicated. Indicate the MSC from which the HMSC is derived.

  - GP-060848, GP-060849, GP-060850 CRs 44.060 agreed

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Completed Rel-6 Work Items (1/3)

- MBMS
  - Clarification T3195
    - GP-060858 CR 43.246 endorsed
    - GP-060859, GP-060860 CRs 44.060 agreed
- TEI6
  - G2-050861, G2-050542 CRs 44.018 agreed: correct the order of IEs in CHANNEL RELEASE message (backwards compatibility)
  - ACCH Enhancements:
    - Repeated FACCH
      - Applicable to response frames
      - Extend the T200 timer in the MS by 40ms
    - Repeated ACCH Capability added to CM3
      - 0: does not support repeated SACCH
      - 1: supports repeated SACCH and repeated FACCH
    - GP-060864 CR 44.006 agreed
    - GP-060964, GP-060965 Draft CRs 24.008 endorsed. LS to CT1 in GP-060966

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Completed Rel-6 Work Items (2/3)

- GAN
  - GP-060852 CR 44.318: Clarifications to PLMN Selection
  - GP-060853 CR 44.318 agreed: mandate the use of same PT in downlink and uplink RTP packets
  - GP-060854 CR 44.318 agreed: Multirate Configuration Clarification: clarify how the thresholds and hysteresis apply for codec mode selection (as already outlined in stage 3)
  - GP-060764 CR 44.318 agreed: Measurement quantity for UTRAN cells for handover from GAN (previously endorsed in G2#28bis: editorial changes made only)
  - Rove-in / Call re-establishment
    - GP-060924 CR 43.318 Endorsed
      - Rove-in may be applied to support CS call re-establishment following the loss of an RR connection in GSM or to support packet service re-establishment following abnormal TBF release with cell reselection in GPRS
    - GP-060982 CR 44.318 Agreed: define the use of the RE field to allow call-reestablishment after rove-in upon RR connection failure
      - Rove-in may be applied to support CS call re-establishment following the loss of an RR connection in GSM if call re-establishment is allowed (as indicated by the RE field)

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Completed Rel-6 Work Items (3/3)

- PS HO
  - GP-060742 CR 43.129 endorsed: misc. corrections
  - GP-060855 CR 43.129 endorsed: misc. corrections
  - GP-060856, GP-060857 CR 48.018: new cause values: PS HO not allowed (dynamic), PS HO not supported (static)
  - CRRM for PS domain, PS Handover
    - Clarification of the need for this and what information is needed. What is the gain vs. existing CS CRRM info?
    - How to convey that information, should it be needed:
      - Not RIM
      - Either reuse CS signalling (+/- for and against that) or reuse PS Handover signaling and containers

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Other technical work – Rel-7 – DTM Handover

- Stage 3 CRs
    - GP-060967 CR 44.018 agreed
    - GP-060968 CR 44.060 agreed
    - GP-060969 CR 48.008 agreed
    - GP-060975 CR 48.018 agreed
        - Nokia to investigate the need for DTM HO – No PS Resource cause value within PS HO Required NACK PDU

- Critical Resource Indication
    - Proposal for the TBSS not to allocate any resources if critical resources cannot be allocated, hence avoiding the SBSS to cancel allocation of resources should they have been allocated otherwise: save signalling
    - Proposal supported by a number of companies
    - No technical issues raised
    - No agreement yet
    - LS to RAN3 in GP-060983 to address the inter RAT case

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Other technical work – Rel-7 – VGCS Enhancements

- GP-060974 CR 44.018 agreed: Support of AMR for VBS/VGCS

- GP-060953 CR 48.008 agreed: Correction of Cell Identifier List

- GP-060763 CR 48.008 agreed: Sending of messages to VGCS talker on dedicated channel

Other technical work – Rel-7 – GERAN Evolution

- No progress made in GERAN2 on Latency enhancements
  - Latency enhancements are needed for VoIP
    - However further evaluations needed in particular wrt. a number of competing proposals and complementing proposals
    - Potential issues with multiplexing with other users to be addressed
      - Esp. feasibility of multiplexing of other users during silent periods of VoIP users questioned
    - Evaluations needed vs. FLO and dedicated channels
  - Gains/complexity questioned for non-real time services
- DC DL
  - EGPRS only
  - Desire to re-use as much as possible existing mechanisms and concept
  - Inputs needed on DC DL and DTM

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Other technical work – Rel-7 – SIGTRAN over A, Lb, Lp

- GP-060870 CR 43.059 endorsed
- GP-060951 CR 48.001 agreed

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Other technical work – Rel-7

- A-GNSS
  - GP-060984 CR 43.059 to plenary: introduction of A-GNSS

- PS Conversational Services
  - Evaluation needed of non-persistent RLC mode and compliance with
    - Transfer delay
    - FER requirements
  - Latency reduction: open
  - WI Rapporteur (Ericsson) to maintain a list of open issues to guide the work

Other technical work – Rel-7 – TEI-7

- Misc.
  - GP-060962 CR 48.071 agreed: Describe the coding of Enhanced Measurement Results field within Enhanced Measurement Report IE
  - GP-060956 CR 44.060 agreed: power reduction (Pb) applies to both PCCCH and PBCCH blocks
  - Misc editorials:
    - GP-060571 CR 44.060 agreed
    - GP-060957 CR 44.018 agreed
  - GP-060958 CR 44.060 agreed: Reporting cells not present in the GSM Neighbour Cell list
    - Abnormal case from the network side if the MS finds a cell not in the GSM NCell list having an allowed NCC
    - Reluctance to specify a new feature to tackle this
    - One GSM NCell list is acquired, report only cells from that list

Other technical work – Rel-7 – TEI-7

- MBMS

  - Proposal to include inband signalling indicator in MBMS notification rejected

  - MBMS Cell Re-selection enhancement

    - GP-060977 CR 43.246 endorsed

  - Proposal on MS_ID Release indication in GP-060711

    - MS indicates in MBMS DOWNLINK ACK/NACK message when MS_ID is released (e.g. due to cell change, RR connection establishment)

    - Allows faster re-use of MS_ID by the network

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Outgoing LSs

- GP-060977 Reply LS to GERAN3 on Clarifications on some EGPRS topics

- GP-060976 LS to CT1 on ACCH capability indicator

- GP-060961 LS to RAN3, CT4 on Adding RAI in Routing information towards an RNC

- GP-060983 LS to RAN3 Critical Resource Indication for PS and DTM Handovers

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Future meetings

- GERAN2#29   25-27 April 2006   San José del Cabo, Mexico
- GERAN2 #29bis   22-24 May 2006   Sophia Antipolis, France
- GERAN2#30   27-29 June 2006   Lisbon, Portugal
- GERAN2#31   05-07 September 2006 Denver, USA
- GERAN2#31bis   16-20 October 2006   TBD
- GERAN2#32   14-16 November 2006 Sophia Antipolis, France

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