

3GPP TSG GERAN2#39bis

Sophia Antipolis, France, 30.IX – 03.X, 2008

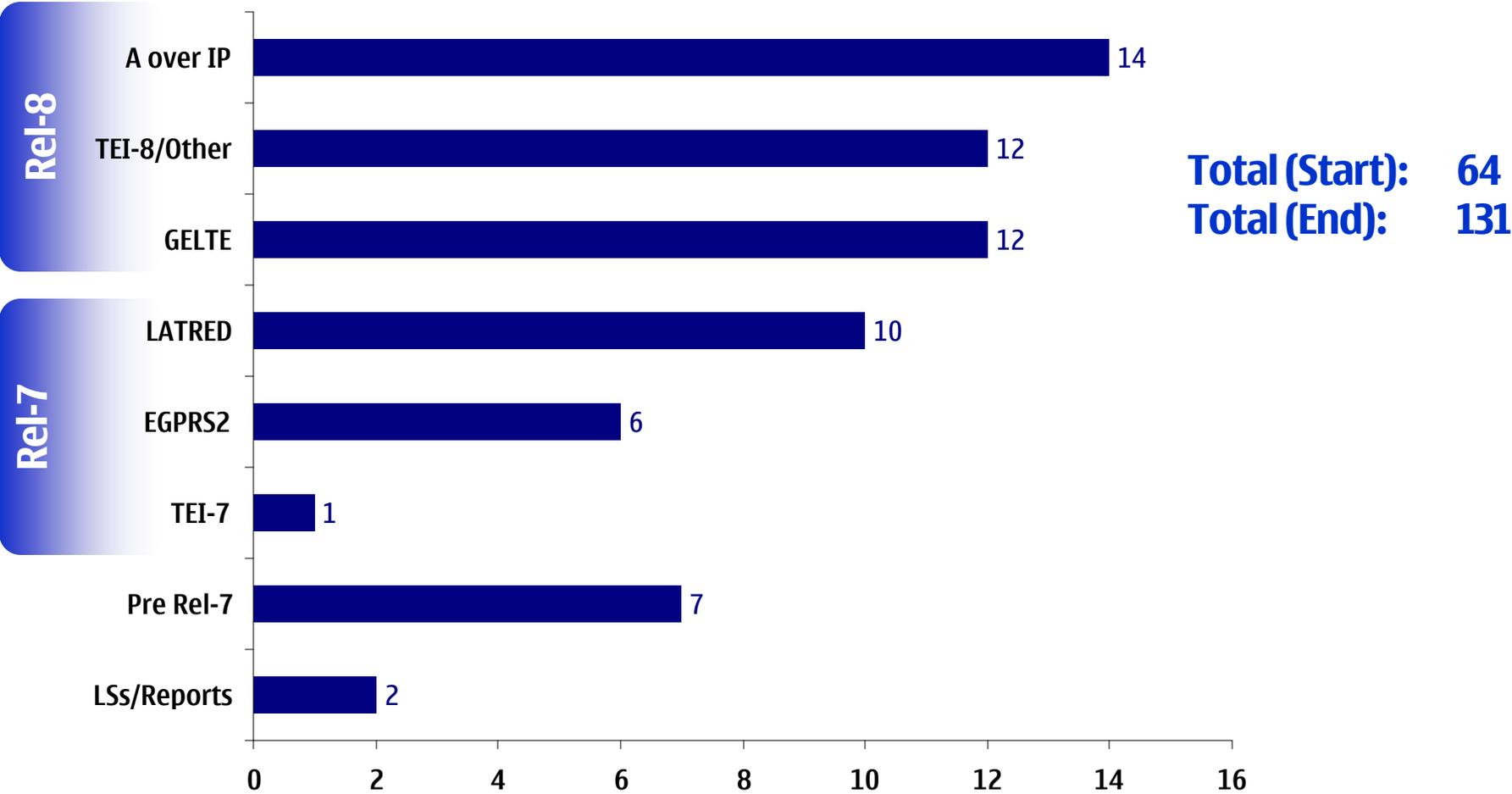
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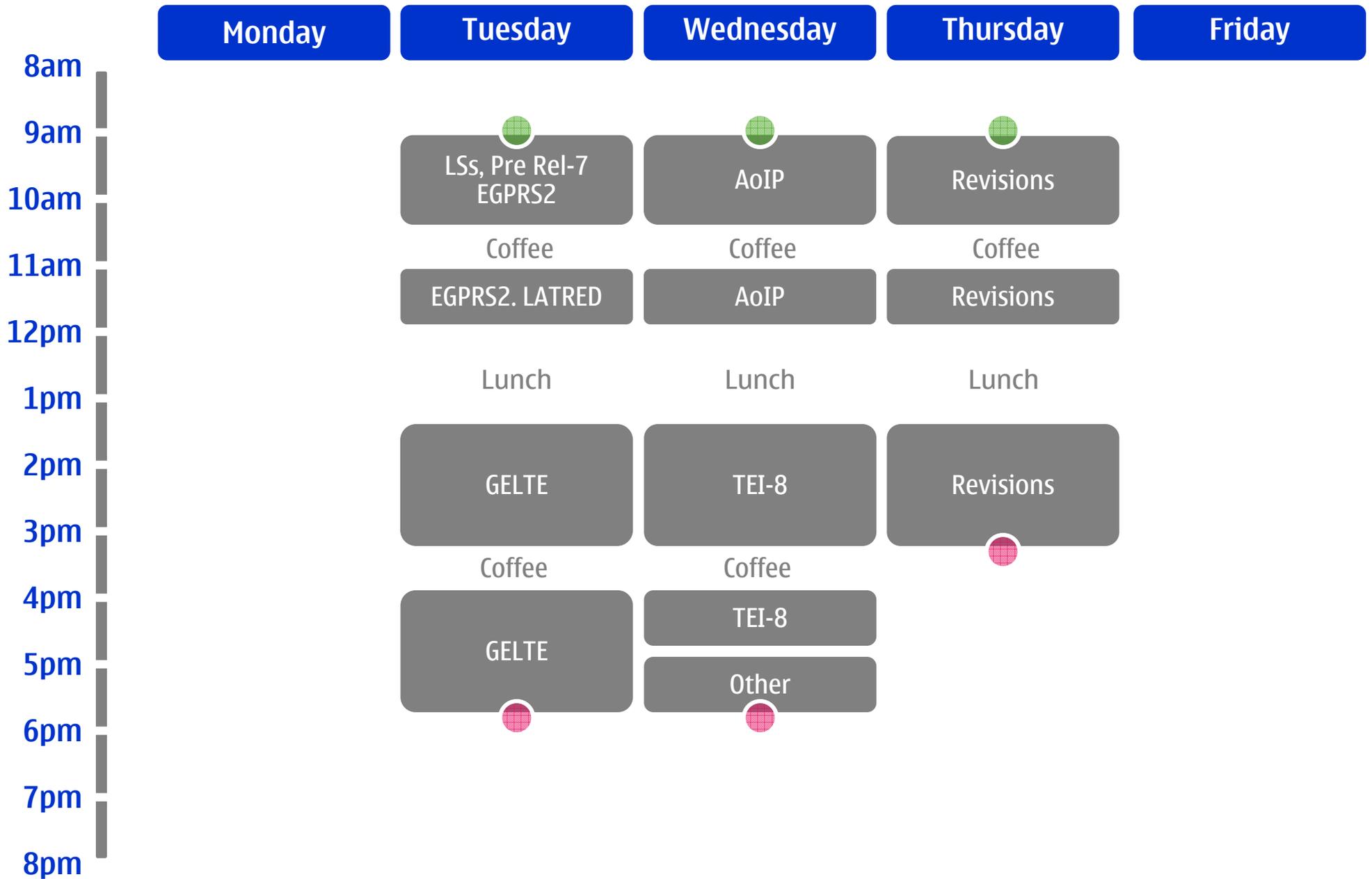
Chairman's summary

Chairman: Guillaume SÉBIRE (Nokia-Devices/Helsinki)

Secretary: Gert THOMASEN (MCC)

Incoming Contributions per Agenda Item





Pre Release 7 Corrections

- **G2-080604, G2-080532, G2-080533, G2-080567, G2-080568** CRs 04.06, 44.006 approved (R99 - Rel-7): randomising fill bits in L2 Fill frames
 - Removal of contradicting requirements for L2 fill bits in L2 fill frames
- **G2-080545, G2-080546, G2-080547** CRs 44.060 approved (Rel-6 – Rel-8): RLC Reset for PS Handover: Ongoing TBF is not equivalent with T3192 running

Rel-7 – RED HOT / HUGE

- **G2-080570** Draft CR 43.064 endorsed on alignment with stage 3 of the conditions on network use of MCSs for USF decoding by the MS
- **G2-080572, G2-080573** CR 44.060 approved **conditionally** to GERAN1 endorsement: removal of inconsistencies for transitions between EGPRS2-A/EGPRS2-B and EGPRS in UL
- **EGPRS Level Change during a TBF**
 - **G2-080506** highlights potential limitations with retransmissions after a transition between EGPRS and EGPRS2-A in the downlink. Companies invited to provide feedback offline prior to GERAN#40. To be reviewed by GERAN1 before GERAN2 take a decision
- **Joint decoding** of blocks sent using different EGPRS2 MCS (e.g. peer of MCS-5 and MCS-7 or MCS-6 and MCS-9 for EGPRS)
 - **G2-080536, G2-080537** CRs 44.060 postponed. No concerns raised about the proposal. To be reviewed by GERAN1 before GERAN2 take a decision

Rel-7 – Latency Enhancements

- **Misc. corrections**

- **G2-080562** CR 44.060 Coding of DL PDCH Pair assignments for RTTI to provide an unambiguous mapping between the assignment field and the assigned PDCH pair(s)
- **G2-080620, G2-080621** CR 44.060 postponed: abnormal case on FANR procedure when inconsistent assignments (i.e. FANR activation inconsistent across TBFs) are made by the network: more work needed
- **G2-080608, G2-080609** CR 44.060 approved: correction to RRBP definition
- **G2-080610, G2-0806111** CR 44.060 approved: correction to preemptive retransmission of TENTATIVE_ACK blocks, to avoid setting such block as PENDING_ACK after a retransmission in order to prevent unnecessary retransmissions given a TENTATIVE_ACK block has already been acknowledged by a PAN (only), and should be retransmitted only if there is no other block to retransmit (i.e. with PENDING_ACK)

Rel-8 – GERAN/E-UTRAN Interworking (1/3)

- **Subscriber Type**

- LS from SA2 in G2-080557
- Signalling means have been proposed (**G2-080515**) to obtain the SPID (Subscriber Profile ID for RAT/Frequency priority) information at the BSS from the CN, however how the SPID is used (in particular for idle mode [common] RAT priority setting) is still unclear

- **PCID Grouping**

- PCID grouping to tackle the issue of preventing reselection of any (LTE) cell within a given freq. for x minutes if reselection occurred to a (LTE) cell belonging to a forbidden TA, is seen beneficial by GERAN2
- Decision to be reached in opening plenary (GERAN#40) whether a mechanism should be specified in Rel-8 GERAN specs even if no corresponding mechanism is available on RAN side.

- **Faster system information acquisition**

- Working assumption reached at GERAN#39 in **GP-081223** not challenged

Rel-8 – GERAN/E-UTRAN Interworking (2/3)

• Measurement Reporting

- **Enhanced Measurement Reporting:** Working assumption to modify the existing messages with a Rel-8 extension
- **Measurement Control – G2-080521, G2-080550**
 - General view that some level of control is needed (broadcast and ptp)
 - However GERAN1 decision is due before GERAN2 can progress on this issue
 - **G2-080550** investigated the use of expected “existing” fields⁽¹⁾ to provide the flexibility proposed in GP-0801169
 - Re-use of “existing” fields is encouraged
- **G2-080508, G2-080509** CRs 44.018, 44.060 postponed
 - Definition of the impact of EUTRAN Neighbouring Cell Information and Measurement Information on signalling
 - Companies invited to review the CRs offline

⁽¹⁾ I.e. fields that will anyway be introduced for EUTRAN such as EUTRAN_MULTIRAT REPORTING, Q_Search

Rel-8 – GERAN/E-UTRAN Interworking (3/3)

- **Handover of voice call from E-UTRAN to GERAN (SR VCC)**
 - **G2-080589** CR 44.018 approved: link SRVCC with 44.018
- **Inter-RAT PS Handover**
 - Proposal to define that a GERAN terminal supporting E-UTRAN shall support PS Handover between GERAN and E-UTRAN: to be investigated until GERAN#40
 - Note that separate indications are provided in 24.008: PS HO Capability bit (i.e. PS HO *from GERAN*) and E-UTRAN Support bit. Some clarifications may be needed once the issue is resolved
 - **G2-080618** CR 48.018 approved
 - **G2-080612** CR 44.060 approved

Rel-8 – TEI-8 (1/2)

- **G2-080605** CR 44.060 approved: Editorial correction: “TBF in RTTI configuration”
- **G2-080555** CR 44.060 approved: To ensure that the Additional MS RAC Info Available bit is set to 1 in Packet Resource Request message in case of incomplete rac in that message
- **G2-080602** CR 44.060 postponed: Clarification of Signalling Message Priority in the MS

- **GAN**
 - G2-080514: New triggers proposed for GAN Registration update procedure (GAN Iu mode and GAN A/Gb mode): Rationale behind the proposal has been clarified as requested in GERAN#39
 - Scenarios appear valid, however their likelihood was questioned. Whether O&M (network side) or standard changes (terminal side) are needed should be investigated: companies invited to provide feedback offline
 - ⇒ **G2-080513** CR 44.318 Postponed

Rel-8 – TEI-8 (2/2)

- **Multiplexing enhancements for single TBF operation**

- **G2-080520** studies the worst case scenario for the reliability of SIP message transmission using "Pseudo MTBF" mode – no issues have been identified, primarily due to the large watchdog timer for SIP signalling (5 sec)
- **G2-080588** provides a comparison between EMST and MTBF
- Some companies requested requirements be listed first:
 - There is no requirement for the definition of such mechanism while no endorsement has been reached it is needed – Such requirement(s) are needed
 - However key technical requirements about these proposals have been contributed
- **G2-080585, G2-080586** CRs 44.060, 44.018 postponed
- **G2-080587** Draft CR 24.008 noted

Rel-8 – A interface over IP (1/2)

- **G2-080507** Draft 3GPP TS 48.103 v1.1.0 endorsed: RTP/RTCP aspects of BSS/MGW interface in GERAN
- **G2-080592** CR 48.002 approved
- **Call ID:** Different understandings (i.e. dependency with IP @) need to be resolved and when agreed clarified in the TR
- **G2-080594, G2-080603** CRs 48.008 postponed: Reset of TDM and IP calls
 - Reset of all IP calls independent of TDM calls with a single message
 - Reset of all TDM calls independent of IP calls with a single message
 - Reset of all IP and TDM calls with a single message
 - Disagreement on the messages use to achieve the above functionality
- **G2-080596** CR 48.008 postponed: MSC responsibility for Circuit Identity Code allocation
 - Disagreement about the need for BSS involvement and potential conflicts that could arise should both the MSC and BSS be able to allocated CICs
- **G2-080601** CR 48.008 postponed: Misc. changes to Messages and IEs
 - Disagreement on Call ID

Rel-8 – A interface over IP (2/2)

- **G2-080623** CR 48.008 approved: Addition of CSD
- **G2-080615** CR 48.008 approved: Handling of the GSM_FR
 - MSC to consider GSM FR as the preferred codec on A i/f when GSM FR is the only codec supported by the MS
- **G2-080616** CR 48.008 approved: Adding “Chosen Encryption Algorithm” in Handover Complete
- **G2-080622** CR 48.008 approved: Introduction of a new cause value and corresponding handling when a remote IP transport Layer Address is already allocated
- **G2-080619** CR 48.008 approved: Clarification of AoIP failure causes in Assignment and Handover Failure messages
 - Some more work may be needed until GERAN#40
- **G2-080584** CR 48.008 approved: Clarification about Downlink DTX Flag IE
- **G2-080600** CR 48.008 approved: Correction of CR implementation errors

✉ **AoIP Telco on November 3rd, 9am – 12noon CET**

Rel-8 – Other

- **ETWS**

- **GERAN#39:** Further investigations needed for a solution supporting dedicated mode, dual transfer mode and packet transfer mode
 - TR 23.828 v0.2.0 describes a solution for dedicated mode / dual transfer mode but seems not applicable for packet transfer mode
- ⇒ **G2-080522** ETWS Primary Notification delivery in dedicated mode, DTM and packet transfer mode
 - A number of alternative solutions investigated: companies invited to provide feedback offline

AOB

- None

Outgoing LSs

- **GP-080614** LS to SA1 on UE-Aggregate Maximum Bit Rate for GERAN/UTRAN

Future meetings

- **GERAN2#40** **18 – 20 November 2008** **Miami, USA**
- GERAN2#40bis 13 – 16 January 2009 TBD