

3GPP TSG GERAN2#46

Jeju, South Korea, 18th – 20th May, 2010

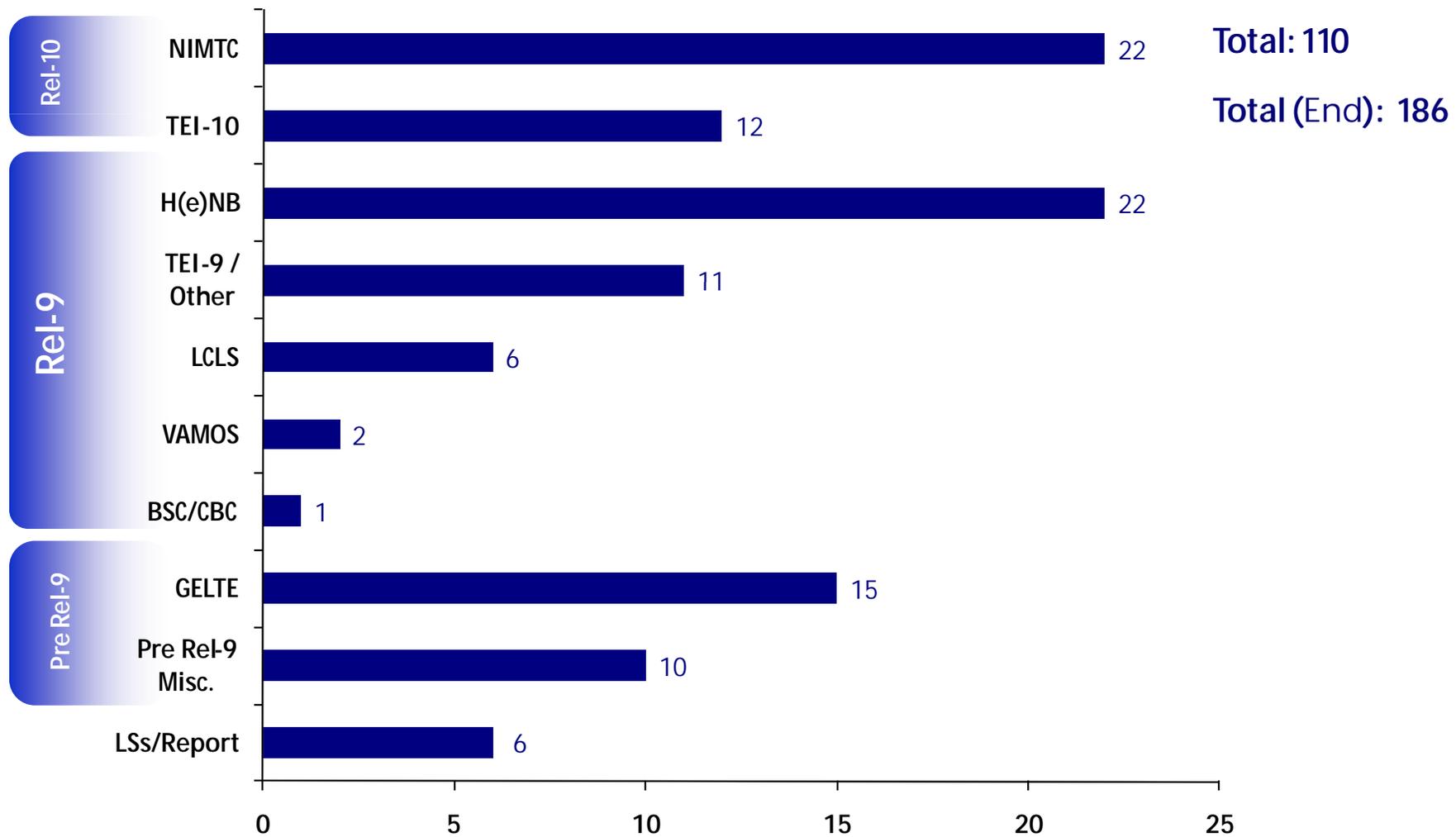
Chairman's Summary

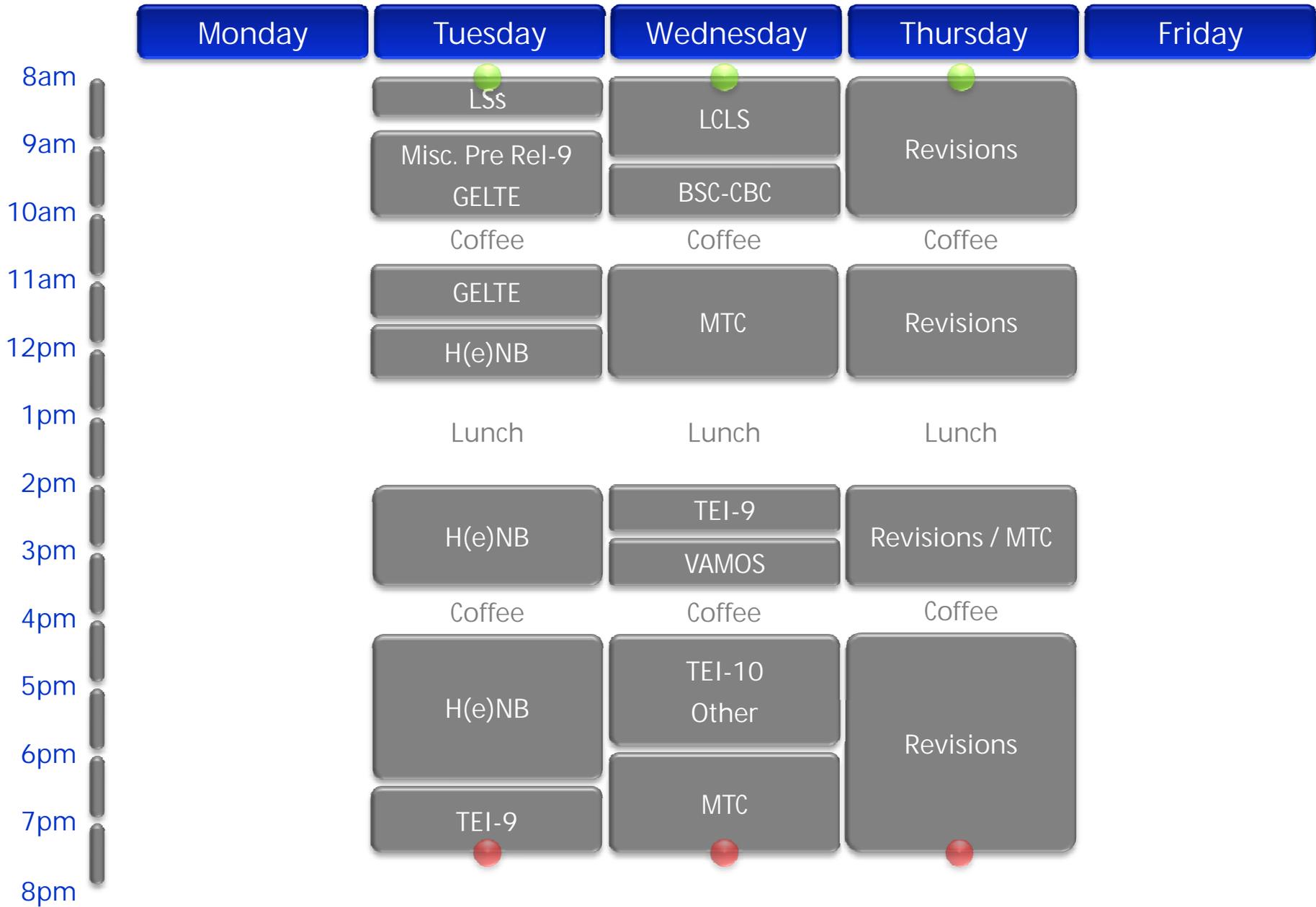
NOKIA

Guillaume SEBIRE (Chairman)

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Incoming Contributions





Pre-Release 9 (1/2)

- **Misc. (Rel-7+)**

- **GP-101073, GP-101074, GP-101075, GP-101076** CRs 44.060 agreed: removal of ambiguity regarding the use of padding upon re-segmentation into multiple RLC/MAC blocks to ensure consistent MS and NW behaviors
- **GP-100937, GP-100938, GP-100939, GP-100940** CR 44.060 agreed: to add the possibility to modify the freq parameters of a (PS) DLDC configuration in DTM without affecting the CS resources
 - Consensus to go with the proposal instead of introducing a new capability in Rel-10

- **Misc. (Rel-8+)**

- **GP-100941, GP-100942** CR 44.018 agreed: removal of ambiguity regarding the definition of the 3G Frequency List (ref. priority reselection algorithm)

Rel-8 – GERAN/E-UTRAN Interworking

- **GP-100943, GP-100944, GP-100945** CR 44.060 agreed: correction to PCCF message to ensure that the [GSM] ARFCN and BSIC are set to “0” if an E-UTRAN cell is indicated in the message (i.e. consistent with the behavior when a 3G cell is indicated)
- **GP-100975** CR 44.018 agreed: correction to 3G CSG parameters
 - Rel-9 version in **GP-100948**
- **GP-100753** Cell reselection to CSG in packet transfer mode (Discussion)
 - No new CSG-specific CCN Active parameter will be introduced: 3G_CCN_ACTIVE and E-UTRAN_CCN_ACTIVE parameters will be reused
 - Dedicated CSG Freq. will not be indicated in PMO
- Redirection from E-UTRAN to GERAN: GERAN1 discussion
- **GP-100857** CR 44.060 rejected: removal of individual priorities from PCCO
- **GP-100863 , GP-100864, GP-100865, GP-100866, GP-100867** CRs 44.018, 44.060 rejected: clarification on sending priority information
 - It is understood that the network should not send priority info to a terminal not supporting those, but if it does, the MS will ignore those

Rel-9 – VAMOS

- **GP-101062** CR 44.018 agreed: introduction of VAMOS mode signaling in Channel Mode IE, following GERAN1#46 decision to introduce VAMOS mode signaling in the downlink
- **GP-100619** highlights that VAMOS system performance could be improved by means of a coordinated RRM through either BSC-internal means (implementation-specific) or signaling specific means (which could potentially yield standardization impact) – this will be further investigated offline

Rel-9 – H(e)NB Enhancements (1/3)

- **GERAN#44:** Working Assumptions and Open issues in GP-092382
 - Open issues listed in WA#4, WA#7, WA#8, WA#9 and WA#10 are still open and need to be addressed
- **GERAN#45**
 - Further agreements made documented in [GP-100604](#)
- GERAN2 endorsement not to introduce any new timer for reselection to CSG cells – T_reselection will be reused (GP-100880)
- **Reporting for CSG Cells**
 - CSG ID and Routing parameters reported when available and requested by the network
 - CSG ID reporting mandatory
 - Reporting of routing parameters in (P)MR, PCCN, PCCF
 - PLMN ID reporting will be further investigated
- Proposal in **GP-100774** to allow support of PCCO to CSG cells without reporting of routing parameters
 - Current assumption (see GP-100604) is that PCCO to CSG cells is not supported in NC2
 - Some support expressed to allow PCCO to CSG cells in NC2 when PS Handover is not used – Further work needed

Rel-9 – H(e)NB Enhancements (2/3)

- **Full set of CRs agreed** – hybrid cells require further work
 - **MS Capabilities**
 - **GP-100953** Draft CR 24.008 endorsed
 - LS to CT1 in GP-100979
 - **44.018**
 - **GP-100972** CR 44.018 agreed: Introduction of inbound mobility to CSG cells
 - **GP-100948** CR 44.018 agreed: correction to 3G CSG parameters
 - Peer of GP-100975 (Rel-8)
 - **44.060**
 - **GP-101063, GP-100974** CR 44.060 agreed: Introduction of inbound mobility to CSG cells
 - **48.008**
 - **GP-100970** CR 48.008 agreed: CS handover to CSG cells
 - **43.129**
 - **GP-100818** CR 43.129 endorsed: PS handover to CSG cells
 - **48.018**
 - **GP-100955** CR 48.018 agreed: PS handover to CSG cells

Rel-9 – H(e)NB Enhancements (3/3)

- **Hybrid cells** (GP-100755, GP-100715, GP-100773, GP-100881)
 - Hybrid cell's PSC/PCI belongs to non-CSG cell range, according to RAN2 definition
 - Disagreement on the need to signal a hybrid split to MS
 - CSG ID Reporting: mandatory, if requested by the network, as for CSG cells
 - Likelihood and handling of PSC/PCI Confusion requires further discussions
 - LS to RAN2, SA1 in **GP-101061**
- Misc.
 - Proposal in **GP-100834** to include a proximity indicator, RAN2-like
 - No support

Rel-9 – TEI-9

- **GP-100962, GP-100963** CR 44.060 corrections and clarifications for EFTA
- **GP-100731, GP-100732** CR 44.060 agreed: correction to UTRAN parameters
 - TDD ⇒ Sync Case
 - FDD ⇒ Scrambling Code
- **GP-100737** CR 48.018 agreed to allow provisioning of UTRAN SI to E-UTRAN by RIM procedure
 - Implementation of changes reflecting RAN Plenary decision (see LS in GP-100729) to use RIM protocol for UTRAN SI transfer to E-UTRAN, to support CSFB from E-UTRAN to UTRAN. Note that this does *not* impact GERAN
 - Some preference expressed by one company that the application content should instead be defined in RANAP specification, while the RIM application identity coding would of course be in 48.018
- E-UTRAN Cell re-selection enhancements (see RAN2 LS in GP-100726)
 - **GP-100976, GP-101051, GP-101052** CR 44.018, 44.060 agreed
- Redirection from E-UTRAN to GERAN (with system information): GERAN1 discussion

Rel-9 – TEI-9

- GP-100964 CR 48.018 agreed:
 - Finite limitation of the repetition of the following procedures upon timer expiry:
RAN Information Request/Single Report; RAN Information Request/Multiple Report; the RAN Information Request/Stop; RAN Information Send; RAN Information Application Error

Rel-9 – BSC/CBC Interface

- **Misc. corrections**

- **GP-100749** CR 48.049 agreed: correction on repetition frequency for “background” CBS message broadcast

Rel-10 – Local Call Local Switch

- **Discussion on LCLS Open issues (GP-100710)**
 - Open Issue on mid-call announcement
 - **Working assumption** that the MSC always sends the GCR to the BSS at call set-up and Inter-BSS handover to avoid separate indication of BSS LCLS capability to the MSC. The BSS capability is derived by the MSC from the response received from the BSC.
- **GCR Correlation in the BSC**
 - Inconclusive discussions whether there is a problem or not due to load increase in the BSS
 - GP-100946: Negligible load increase in the BSS
 - GP-100914: Significant load increase in the BSS
 - GERAN2 internal matter
 - LS to CT4 **in GP-101060**
- **GP-100702** CR 48.103 postponed
- **GP-100956** CR 48.008 postponed

Rel-10 – MTC

- Focus in Rel-10 on investigating Overload control (radio network congestion), identifiers, within the scope of smart metering applications
- Workplan: **GP-101071 plenary**
- Simulation assumptions to be agreed
 - Characterization of smart metering applications
 - Network configuration(s), KPIs
- Radio interface improvements, if any, should preferably be generic enough so they can be applicable to any [MTC] application
- **GP-101065** Draft TR skeleton to **plenary**
 - GERAN2 agreement that the TR should follow a Stage 2 approach i.e. reflect agreements and will be a living document (i.e. will be further updated in Rel-11)
 - It will not be a collection of proposals / contributions
- A number of discussion papers presented for information

Rel-10 – TEI-10 (1/2)

- **Dynamic Timeslot Reduction**

- **GP-101058** CR 44.060 agreed: introduction of DTR
- **GP-100738** Draft CR 24.008
 - LS to CT1 in **GP-101064**
- Some concern raised that the gains vs. complexity may not justify DTR vs what the current specs can achieve. Some concerns raised with DTR_blks benefits.

- **EMSR**

- No feedback received on the EMSR performance seen at GERAN#45
- **GP-100875** CR 44.060 postponed
- **GP-100876** CR 44.018 postponed
- **GP-100877** Draft CR 24.008 noted
- **GERAN2 Decision** that EMSR will be specified, however some outstanding issues need to be addressed until GERAN#47

Rel-10 – TEI-10 (2/2)

- **GP-100744** Proposing selective Extended UL TBF mode activation per terminal (under control of the network and/or the mobile) as opposed to cell-basis, based on data analysis at RLC/MAC and SNDCP level
 - GERAN#45: More work needed in particular to evaluate the benefits of the proposal and impact on the terminal.
 - **GP-100879** Optimizations for Delayed TBF Release arguing GP-100744 is not needed as
- **GP-100710** CR 44.031 agreed: misc enhancements for GNSS

Rel-10 – Other

- **GP-100961** GERAN Sharing
 - Proposal to use a common PLMN ID without broadcast of a PLMN list
 - LS to CT1 cc SA1 in **GP-100969**

Outgoing Liaison Statements

- **GP-101061** LS to RAN2, SA1 on Handling of hybrid cells
- **GP-101060** LS to CT4 on the impacts to the BSS by using GCR make call correlation
- **GP-100969** LS to CT1 cc SA1 on introduction of RAN sharing for GERAN
- **GP-100979** LS to CT1 on support of inbound mobility to CSG cells in GERAN connected mode
- **GP-101064** LS to CT1 on introduction of Dynamic Timeslot Reduction

Future meetings

- GERAN2#47 31 Aug – 2 Sep 2010 Kunming, China
- GERAN2#47bis 19 – 22 October 2010 **Host needed**
- GERAN2#48 23 – 25 November 2010 San José del Cabo, Mexico