

Agenda item: 6.11
Source: Alcatel
Title: Proposed Work Item Description ‘Signalling of Iub bearer requirements over Iur’
Document for: Approval

Introduction:

It was agreed at RAN WG3 meeting #19 to solve the hereafter mentioned issue in Release 4 (See discussion on **R3-010830** in the attached Iur/Iub meeting minutes). Alcatel was assign the task to write the Work Item sheet.



"R3-011068 MOM
R3#19 Iub-Iur SWG.

Work Item Description

Title

Signalling of Iub bearer requirements over Iur.

1 3GPP Work Area

X	Radio Access
	Core Network
	Services

2 Linked work items

none

3 Justification

Currently, it is not possible for the DRNC to deduce from RNSAP the transfer delay needed for the establishment of a transport bearer (AAL2 connection) over Iub. Furthermore, even if carried via transport bearer signalling, Iur transport bearer characteristics may be different from Iub bearer characteristics:

- Iub may need QoS differentiation in order to make efficient use of the bandwidth over low speed links. This may be not required for Iur.
- Transport bearer technology may be different on Iur and on Iub (e.g. IP technology over Iur and AAL2/ATM technology over Iub).

4 Objective

The purpose of this new work item is to enable RNSAP to signal the requirements of the bearer transport to be establish over Iub, in particular the traffic delay requirements.

5 Service Aspects

None

6 MMI-Aspects

None

7 Charging Aspects

None

8 Security Aspects

None

9 Impacts

Affects:	USIM	ME	AN	CN	Others
Yes		X	X		
No	X			X	
Don't know					

10 Expected Output and Time scale (to be updated at each plenary)

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	
25.423		UTRAN Iur Interface RNSAP Signalling		RAN #12		

11 Work item rapporteurs

Nicolas Drevon, Alcatel

12 Work item leadership

RAN WG3

13 Supporting Companies

Alcatel, xxx

14 Classification of the WI (if known)

	Feature (go to 14a)
	Building Block (go to 14b)
X	Work Task (go to 14c)

14a The WI is a Feature: List of building blocks under this feature

14b The WI is a Building Block: parent Feature

14c The WI is a Work Task: parent Building Block is “UTRAN Improvement Feature”

TSG-RAN WG 3 meeting #19

TSGR3#19(01)1068

Cardiff, UK, 26thFeb – 2nd Mar 2001

Agenda Item: Closing plenary

Source: WG3 lub/lur SWG Chairman

Title: Minutes of Meeting lur/lub SWG RAN3#19

Document for: Approval

Not treated documents are shown in **bold**.

RB-0 APPROVAL OF PROPOSED AGENDA

R3-010788: Proposed lub/lur SWG agenda: approved

RB-1 TREATMENT OF INCOMING LSS

RAN1:

R3-010614: RTD measurement in UTRAN: deferred to lub/lur SWG

Response might be required .

- response liaison should be sent describing that we have a reference cell and neighbouring cells and the Node-B performs the measurement;
- We will ask WG1 to consider updating the name, since the measurement is not really a SFN-SFN measurement, but a slot based measurement;
- Sent to WG1, WG4

=> 1023 proposed outgoing liaison (Nokia)

R3-010600: Response to LS (R1-010173) on impact of compressed mode on DPCCH gating benefits: R4 recommends to allow both CM and gating. To be handled in lub/lur SWG: Noted

R3-010617: IPDL scheme for location services in TDD mode: to be handled in lub/lur SWG. Noted.

RAN2:

R3-010607: LS on Power control preamble length: Deferred to lub/lur SWG. Note

R3-010608: Response to LS (R3-003105) on lub NBAP signalling support for CPCH (increase max nr of sets from 4 to 16). Deffered to lub/lur SWG. To be discussed.

=> Will reply that we would like to avoid this backward incompatible change since we see no reason to ever go behind the number 4 (R3-010905)

R3-010964: Response to LS (R1-010105) on PCH message length: noted

R3-010965: LS on power control pre-amble: noted

R3-010966: RTD measurement in UTRAN

R3-010967: Response to LS (N1-001315) on Establishment and paging causes: noted

R3-010968: LS on Cell reserved for operator use (CR proposed in R3-011017)

- Functionality requested: is a reserved cell for operator use
- Liaison seems to indicated no Uu related aspects
- Discussion on whether the suggested solution is good or if it would be better to signal this as neighbouring cell information (cell restricted or not). This would prevent e.g. an unnecessary RL-SETUP.
- Come back to this.

R3-010969: Response to LS (R4-010193) on Effect of a repeater on OTDOA-based positioning accuracy: noted

R3-010970/R3-010972: deferred to RAN3 plenary

RAN4:

R3-010559: LS on power balancing accuracy requirement: need to make sure what WG1 specifies now, before removing things from our specifications. Where do we want to

put this new formula: WG1 specifications or WG3 specifications (come back on Friday)

R3-010963: Draft answer LS on clarification request on measurements definition and accuracy

SA5:

R3-010556: Feedback LS on UTRAN OAM Procedures (Feature-level Work Item: UOAM):

- We agree that it would be good if R3 would take a detailed look at this document.
- Proposed reply in 010891, however it is not complete. It was proposed to have an email discussion/review of the document up to the next meeting. Rapporteur will be Tim Frost (Vodafone)
- Email discussion should result in an updated outgoing liaison, which we can discuss again in the next meeting.
- Sent a liaison to inform SA5 that we are in the process of reviewing and expect to have output from the next RAN3 meeting => 0928 (Vodafone)

- RAN3 chairman's report to TSG-RAN should mention this activity.

RB-2 RELEASE 99

rb-2.1 UTRAN synchronisation (25.402)

R3-010674: Additional req for Timing Behaviour of Node B - Siemens CR015/25.402
=> approved

rb-2.2 lur General Aspects and principles (25.420)

R3-010906: Procedure module correction – Ericsson CR13/25.420 => approved

rb-2.3 lub General Aspects and principles (25.430)

rb-2.4 lur/lub signalling (25.423, 25.433)

rb-2.4.1 CR's affecting both RNSAP and NBAP (25.423 and 25.433)

a) Remove group name entry in tabular format if only 1 repetition exists (Rapporteurs) CLOSED
From R3#17 minutes:

It was noted that having the group name as first entry in the group description seems to indicate that there is a level for introducing criticality, whereas in ASN.1 this level does not exist. Should we e.g. remove this group name level in 9.2. if there is only repetition, and immediately start with the contents ? Agree to remove this first row in 9.2 if there is only one repetition in order to align tabular and ASN.1. Rapporteurs will submit contributions for next meeting (list as open issue!!).

R3-010769: Removal of IE Group Name for Groups with only one Repetition - RNSAP Rapp
CR317/25.423 3.4.0 => approved

R3-010822: NBAP correction in tabular format - Samsung Electronics CR377 TS25.433

- cover sheet:
 - Version is wrong;
 - RNSAP is referred;
 - Criticality Diagnostics is not changed;
 - CR number is wrong;
- => 010907 CR377R1/25.433 approved unseen

b) DL power clarification (Ericsson) CLOSED

From R3#18 NBAP/RNSAP review ad-hoc:

It should be clarified that Initial DL power and Max and Min DL power settings refer to DPCH channelisation codes and not to PDSCH channelisation codes TDD + FDD

R3-010752: DL power clarification - Ericsson CR365/25.433 => approved

c) Others

- R3-010675: Time measurement granularity Siemens CR351/25.433 => approved
R3-010676: Time measurement granularity Siemens CR305/25.423 => approved
- R3-010677: Measurement range modification Siemens CR352/25.433
- update needed because of new changes in R4
=> 010908 CR352R1/25.433 => replaced by 011020
=> **011020 CR352R2/25.433**
- R3-010678: Measurement range modification Siemens CR306/25.423
- update needed because of new changes in R4
=> 010909 CR306R1/25.423 => replaced by 011021
=> **011021 CR306R2/25.423**
- R3-010764: Mapping of TFS and TFI - Ericsson CR314/25.423 => approved
R3-010765: Mapping of TFS and TFI - Ericsson CR370/25.433 => approved
- R3-010804: Correction to ASN.1 - NEC CR293r2/25.423
- Although the principle is that id's no longer used should be reserved, this is not a problem in this case since these id's are not used in v.3.4.0. As a result, the CR is not needed.
=> CR is withdrawn
- R3-010805: Correction to ASN.1 – NEC CR330r1/25.433
=> CR is withdrawn.
- R3-010837: Erroneous Criticality Diagnostics IE - Ericsson CR329/25.423 3.3.0
=> CR is withdrawn
- R3-010838: Erroneous Criticality Diagnostics IE - Ericsson CR379/25.433 3.4.1
=> CR is withdrawn
- R3-010848: Midamble – Channel. code assoc. for TDD - Siemens CR299r2/25.423 => approved
R3-010849: Midamble – Channel. code assoc. for TDD - Siemens CR340r2/25.433 => approved
- R3-010753: Avoiding FDD and TDD to be mixed in Systems in Operation (unless the system is dual-mode) – Ericsson => benefits are agreed.
- R3-010754: Modification of Definition of DDMode - Ericsson CR312/25.423 => rejected
R3-010755: Modification of Definition of DDMode – Ericsson CR366/25.433 => rejected
R3-011018: Siemens contribution on this issue: noted
- R3-010937: Correction to physical shared channel reconfiguration CR386/25.433 => approved

rb-2.4.2 CR's on RNSAP (25.423)

a) Resulting CR(s) from R3#18 RNSAP detailed review (RNSAP Rapporteur)

- R3-010770: Forward Compatibility of RNSAP with regards to Dedicated Meas - RNSAP Rapp CR318/25.423
- clauses effected should be corrected;
=> 0914 CR318R1/25.423
- R3-010914 - tag in box on front cover is missing.
=> 1025 CR318R2/25.423 approved unseen.
This CR needs to be merged with CR301R1 Tdoc R3-010285
=> R3-010915 Merged Dedicated measurement CR334/25.423
- R3-010915: Merged Dedicated measurement CR334/25.423
- tag box on cover sheet
- Update revision number for CR318
=> 1024 CR334R1/25.423 approved unseen
- R3-010768: RNSAP review results CR316/25.423
- no tag in box on front cover page
- header on top of page are incorrect
- presentation of front cover given. Should come back on Thursday afternoon to see if we can approved this CR.

=> 1064 CR316R1/25.423 approved unseen

New (minor) agenda item: clarify the handling of neighbouring cell information.

b) Continuation related to pending RNSAP CR289 -Tdoc 010034 (Alcatel)

- R3-010830: Discuss Tuesday afternoon – Alcatel
- It was agreed that we will try to solve this problem in Release4, by introducing an additional delay priority IE in RNSAP.
 - CR should be provided by the next meeting.
 - Alcatel will propose a new Release 4 WI for the coming RAN meeting.
 - ***Put open issue in agenda for R3#20!***
- R3-010034: CR289 => approved

c) Paging cause value - alignment to RANAP/RRC (Nokia)

From R3#18 minutes:

Handling of unknown CN originated paging values on RNSAP: “unknown” cause value is missing in RNSAP. In addition any new cause value specified for RRC should be included.

- R3-010725: Paging cause CR311/25.423
- Cover sheet should indicate R99;
 - RANAP & RRC CR's should be indicated as linked;
- => 0927 CR311R1/25.423 approved

d) Others

- R3-010771: Remaining Errors after CR Implement - RNSAP Rapp CR319/25.423 => replace by 1008
- R3-011008: Remaining Errors after CR Implement - RNSAP Rapp CR319R1/25.423 => approved
- R3-010638: Transmit Diversity in TDD Mode - IDC CR304/25.423 => replaced by 0899
- R3-010899: Transmit Diversity in TDD Mode - IDC CR304R1/25.423 => approved
- R3-010767: Release of CTrC Resources in the DRNS - Ericsson CR315/25.423 => approved
- R3-010921: Power Control Pre-amble handling – Ericsson CR335/25.423
- tabular format for RL-SETUP/ADD should not show criticality
- => **1032 CR335R1/25.423**

rb-2.4.3 CR's on NBAP (25.433)

a) Resulting CR(s) from R3#18 NBAP detailed review (NBAP Rapporteur)(CLOSED)

- R3-010823: Correction based on NBAP detailed review - Samsung Electronics CR378/25.433
- Reference to measurement procedures should in all cases be to a Dedicated Measurement xxx procedure, or a Common Measurement xxx procedure.
- => 0916 CR378R1/25.433 approved

b) Interaction between RESET and dedicated measurements (BT) CLOSED

From R3#18 NBAP/RNSAP review ad-hoc: Interaction between RESET procedure and dedicated measurement request requested with ALLNBCC is unclear. Will this measurement be terminated when e.g. communication control port or Node-B level reset takes place ?

- R3-010716: Interaction between measurements and reset on lub – BT 25.433/CR 362; document has wrong CR number. Replaced by R3-101035.
- R3-101035: CR388/25.433 approved

c) Addition of missing SIB's (Siemens) CLOSED

From R3#18 NBAP/RNSAP review ad-hoc: SIB 17 is missing in tabular format and ASN.1

- R3-010679: Addition of SIB17 - Siemens CR353/25.433/R99 => approved

d) DCH TDD Information correction (Siemens) CLOSED

From R3#18 NBAP/RNSAP review ad-hoc: DCH TDD Information IE; Frame Handling priority should have been mandatory (went wrong when copying IE groups)

- R3-010680: Correction of Frame Handling Prio Presence CR354/25.433/R99 => approved

e) DCH TDD Information correction (Siemens) CLOSED

From R3#18 NBAP/RNSAP review ad-hoc: SCH Time slot definition should be improved (currently not a description)

- R3-010681: SCH Timeslot IE definition Siemens CR355/25.433/R99 => approved
R3-010682: SCH Timeslot IE definition Siemens CR307/25.423/R99
- Cover sheet refers to NBAP (multiple cases), but should refer to RNSAP
=> 0917 CR307R1/25.423 approved unseen

f) DCH TDD Information correction (Siemens) (CLOSED)

From R3#18 NBAP/RNSAP review ad-hoc: DL power timeslot ISCP Information should not contain an RL-id

- R3-010683: DL Timeslot ISCP report correction - Siemens CR356/25.433/R99
- ASN.1 error in DL power timeslot control request procedure: id for newly renamed TimeSlotISCPInfo IE should have global significance;
⇒ 0918 CR356R1/25.433 approved
R3-010684: DL Timeslot ISCP report correction – Siemens CR308/25.423/R99
- ASN.1 error in DL power timeslot control request procedure: id for newly renamed TimeSlotISCPInfo IE should have global significance;
- Tabular format is missing criticality
=> 0919 CR308R1/25.423 approved

g) Others

- R3-010639: Correction of Capacity model for TDD InterDigital CR350/25.433 3.4.1
- 9.2.1.20A: 2 times DPCH, should be PDSCH.
- UL/DL cost1 is the “additional cost for the first channel, since also cost2 applies.
- Averaging based on repetition length and duration shall be removed;
- Indicate criticalness of CR
=> 0922 CR350R1/25.433 approved
R3-010766: General clarifications ad corrections - Ericsson CR371/25.433 => approved
R3-010756: Modif of Context ID Presence in RESET REQ CR367/25.433 => approved
R3-010763: Removal/Modif of notes related to UARFCN - Ericsson CR369/25.433 => approved
R3-010847: Secondary CCPCH info for TDD - Siemens CR296r3/25.423 => approved
R3-010789: Improved CM Handling Specification Text - Ericsson CR329r3/ 25.433 => approved
R3-010886: Node-B resource Model corrections – Alcatel CR385/25.433
- backward compatibility statement is missing;
- Point by point: the following was agreed:
- DSCH is not addressed;
- UL resource usage is not fully clear currently;
- The model is not completely clear w.r.t. multicodecs;
- DSCH:
- minimum SF should be used as a reference;
- text added should be tagged FDD
- UL channels (PRACH/CPCH):
- concerning text should be tagged FDD
- Multicodecs
- Discussion on if this should be addressed as proposed or by introducing new (possibly “virtual” which can only be the result of multi-code RL’s) SF’s.
- No agreement so far; come back on this tomorrow !
- Why is Common Transport Channel Reconfiguration procedure listed ?
- Possible conflicts with:
- Tdoc0639 of IDC (discussed at this meeting)
- Tdoc0288 of NEC (approved at last meeting)
- Probably we need a merged CR is all CR’s are approved !!

- NEC withdraws Tdoc 0288 CR332R2/25.433 since it is covered by 0973.
=> new version is 010973 for alignment with (Tdoc0639)

R3-010973: Node-B resource Model corrections – Alcatel CR385R1/25.433

rb-2.4.4 Other issues

rb-2.5 lur/lub User-plane protocols

rb-2.5.1 CRs affecting several UP specifications

R3-010686: Clarification of Services expected from data transport - Siemens CR026/25.425/R99
 - Text was agreed to change to: “In-sequence delivery is not required. However, frequent out-of-sequence delivery may impact the performance and should be avoided.”
 => 0923 CR026R1/25.425 approved

R3-010687: Clarification of Services expected from data transport - Siemens CR043/25.427/R99
 - Text was agreed to change to: “In-sequence delivery is not required. However, frequent out-of-sequence delivery may impact the performance and should be avoided.”
 => 0924 CR043R1/25.427 approved

R3-010688: Clarification of Services expected from data transport - Siemens CR038/25.435/R99
 - Text was agreed to change to: “In-sequence delivery is not required. However, frequent out-of-sequence delivery may impact the performance and should be avoided.”
 => 0925 CR038R1/25.435 approved

rb-2.5.2 CRs on lub/lur DCH FP (25.427)

rb-2.5.3 CRs on lub CCH FP (25.435)

R3-010757: Handling of spare bits - Ericsson CR039/25.435 => approved

rb-2.5.4 CRs on lur CCH FP (25.425)

R3-010637: Clarification of lur RACH frame protocol CR 024r2 25.425
 - Reason for change is not completed, and should be updated (alignment with lub)
 => 0926 CR024R3/25.425 approved

R3-010758: Handling of spare bits - Ericsson CR028/25.425 => approved

rb-2.5.5 Other issues

rb-2.6. CRs on delay budget (TR 25.853)

RB-3 RELEASE 4 (IUR/IUB RELATED WORK ITEMS AGREED BY TSG RAN)

rb-3.1 WI - RRM optimisation on lur/lub, TR25.935 (R3 leading: “RANimp-RRMopt”)

a) General

R3-010244: TR 25.935 v.0.2.0, RRM Opt for lur and lub - Ericsson => noted
 R3-010328: TR 25.935 v.0.2.1, RRM Opt for lur and lub – Ericsson => approved as v0.3.0
 R3-010329: TR 25.935 v.0.2.2, RRM Opt for lur and lub – Ericsson => approved as v0.4.0
 => **R3-011009 v0.4.0**

R3-010773: RRM Optimisations for lur and lub: Closing 3 Worktasks - Ericsson => approved

b) Congestion handling of DCH

TR:

- R3-010780: Congestion Handling on DCH – Ericsson
R3-010855: RRM optimisations for Iur and Iub: Modifications for section 4 – Motorola
1. Should the end of the congestion be indicated with the same procedure ?
 - agree that the end of the congestion should also be signalled.
 2. Is a physical channel reconfiguration required or is it sufficient to limit the load/user rate on existing physical channel ?
 - Agree that not needed to perform a physical channel reconfiguration: user rate limitation should be sufficient.
 3. Control plane or User plane ?
 - Agree to Control plane.
 4. What can the DRNC limit (user data rate, TFS, TFCS, priorities, ..)
 - the understanding is that the priorities are service specific and this external condition will normally not change due to congestion => priorities not needed
 - a max TFI should be signalled;
 5. We agree that a DRNC can propose to limit the user data rate below any guaranteed rate, in order to enable the SRNC to take the correct action, e.g. renegotiation of QOS parameters over Iu.
 6. Should the DRNC have knowledge of the guaranteed bitrate ?
 - Agree that the DRNC should be aware of this, in order to make a good choice of which DCH to limit. Rate limitations above guaranteed bitrate can be used “quite freely”, whereas rate limitations below guaranteed bitrate should be used with very great care.
 7. How should the reduction be indicated ?
 - Agree to signal a new max rate by signalling a TFI

Open issue 1: Should also a TFCS/TFCI based approach for limiting the rate be supported.
Open issue 2: Consider if further alignment to the outcome of the RAB QOS renegotiation WI is required.

- R3-010787: Closing RRM issue 1 - Congestion Handling of DCH - Ericsson
 - name of the procedure needs to be updated in line with CR
=> approved for inclusion in the TR

CRs:

- R3-010877: Intro of RL Congestion Proc – Motorola CR333/25.423 => superseded by 1036
R3-010781: DCH congestion handling – Ericsson => superseded by 1036
R3-011036: Introduction of Rate Control on DCHs CR339/25.423
 - Radio link congestion procedure shall be removed from radio link management and radio link supervision functions
=> **1063 CR339R1/25.423**

c) Procedure parallelism on Iub/Iur

-

d) DPC Rate Reduction in soft handover

TR:

- R3-010777: Closing DPC Mode Description in TR 25.935 - Ericsson => replaced by 010961
R3-010961: Closing DPC Mode Description in TR 25.935 – Ericsson
=> approved

CRs:

- R3-010774: DPC Rate Reduction in SOHO - CR045/25.427 3.5.0 => replaced by 0956
R3-010956: DPC Rate Reduction in SOHO - CR045R1/25.427 => approved
R3-010775: DPC Rate Reduction in SOHO - CR320/25.423 3.4.0 => replaced by 0957
R3-010957: DPC Rate Reduction in SOHO - CR320R1/25.423
 - id number is missing for IE-id
=> 1013 CR320R2/25.423 approved
R3-010776: DPC Rate Reduction in SOHO - CR373/25.433 3.4.1 => replaced by 0958
R3-010958: DPC Rate Reduction in SOHO - CR373R1/25.433
 - id number is missing for IE-id

- type reference in RL_SETUP message is incorrect
- => 1014 CR373R2/25.433 approved
- R3-010955: Limited power increase range CR387/25.433
- talk about inner-loop power adjustments in semantics
- => 1015 CR387R1/25.433 approved

e) Introduction of common measurements over lur for neighbouring cell load measurements

TR:

- R3-010778: Common Measurements over lur - Ericsson
 - R3-010640: Common measurements over lur for CRNC-CRNC load exchange – IDC
 - Discussion:
 - IDC proposed to minor changes to the proposed Ericsson text.
 - Proposal for the additional measurements was agreed.
 - R3-010717: Common measurements on lur
 - Signalling bearer proposal (LCS text proposal rather than proposed text); accepted.
 - Reporting mechanism: (always report UL and DL generic load together): accepted.
- => approved (with remark that on the signalling bearer, the text from the LCS contribution should be taken rather than the text proposed in this CR; text similar to section 6.7.4. in Tdoc 544)
- => R3-011010 update of the TR**

CRs:

- R3-010718: Intro of SCCP Handling for Common Meas on lur - BT 25.420/CR012
 - tag UTRAN
 - should be updated in line with the comments given on R3-010931.
- R3-010938: CR12R1/25.420
 - backward compatibility statement is missing

=> R3-011057 CR12R2/25.420
- R3-010720: Intro of Common Measurement Procedure for load - BT 25.423/CR323
 - Timestamping required ?
 - For generic load measurement it is not required;
 - For radio specific measurements, it is not required;
 - SFN is needed in T-UTRAN-GPS measurement case
 - SFN-SFN case not needed;
 - => same approach as on NBAP (optional SFN timestamping) can be used
 - Text should be added to measurement id
 - Update will also include FDD & TDD related radio specific measurement (with the help of IDC and Ericsson)
 - 9.2.1.x Common measurement value: load should not be specified full in this, but only the Load Value should be here, and then this IE will include the 2 load measurements separately.
 - Workitem code on coversheet is missing.

=> 1011 CR323R1/25.423
- R3-011011: CR323R1/25.423
 - UL Timeslot ISCP range in 9.2.x. common measurement value: use already defined IE
 - Re-use existing types as far as they exist in both tabular and ASN.1
 - 9.2.1.x Common measurement value: move TDD tagging to semantics column;

=> 1058 CR323R2/24.423
- R3-011012: Merged CR for common measurement over lur (related RRM common measurements + UE position) CR337/25.423 (BT/Nortel)
 - same comments as on 1011 apply;
 - extend comments field that this CR replaces two other CR's.

=> 1059 CR337R1/25.423

f) Extension of Radio Interface Parameters updating in the user plane

-

g) Separation of resource reservation and radio link activation

-

h) Triggering of common transport channel resources initiation procedure by DRNC

rb-3.2 WI - Low chiprate TDD option, lur/lub aspects, TR25.937 (R3 leading:“LCRTDD-lublr”)

WI:

R3-010898: Revised WI-sheet
- empty table should be removed;
=> noted.

TR:

R3-010707: TR25.937 v1.0.0: noted
R3-010708: TR25.937 v1.0.1: approved as v1.1.0
R3-010689: Enhancement of the TR25.937 on Low chip rate TDD – Siemens => noted
R3-010910: TR25.937 v1.0.2 => approved as v2.0.0

CRs:

R3-010709: The impacts on TS25.401 for LCR TDD CR023r1/25.401 => approved
R3-010710: The impacts on TS25.402 for LCR TDD CR014r2/25.402
- last paragraph, first sentence should be reworded to; “the UTRAN allocates a set of sync UL codes per access class”
=> 0997 CR14R3/25.402 approved
R3-010711: The impacts on TS25.425 for LCR TDD CR023r2/25.425 => replaced by 0818
R3-010818: The impacts on TS25.425 for LCR TDD CR023r3/25.425
- Backward compatibility statement should be updated;
- Figure 9: clarify that both bytes are conditional; tail does not include spare ext
=> 0998 CR23R4/25.425 approved
R3-010712: The impacts on TS25.427 for LCR TDD CR042r2/25.427 => approved
R3-010713: The impacts on TS25.430 for LCR TDD CR014r2/25.430 => approved
R3-010714: The impacts on TS25.435 for LCR TDD CR037r1/25.435 => replaced by 0918
R3-010819: The impacts on TS25.435 for LCR TDD CR037r2/25.435
- Backward compatibility statement should be updated;
- Figure 9 should be Figure 15 on cover sheet;
- Figure 15: Clarify that both bytes are conditional;
- Make sure figures are “editable/copiable”
=> 0999 CR37R3/25.435 approved
R3-010691: NBAP IEs for LCR for common proc - Siemens CR358/25.433 => replaced by 0912
R3-010912: NBAP IEs for LCR for common proc - Siemens CR358R1/25.433
- criticality is missing in many places in the tabular format
- how in the CTrCH setup, the linking between PRACH, FPACH and UL sync code is made ? (small open issue ?)
- 9.2.1.54: new text should be specification text
- 9.2.3.x1: add “max” at beginning of first line and in the sentence;
- procedure text should also talk about max FPACH power.
- 9.2.3.x4: editorially incorrect sentence
- 9.2.3.x5: descriptive text should also indicate exception
- 9.2.3.x7: typo in first line
- page 27 (FPACH): use “shall” and “if included”
- in tabular, use current notation: no presence for groups and in case of optional, use start from “0”;
=> **1005 CR358R2/25.433**
R3-010692: NBAP IEs for LCR for ded proc - Siemens CR359R1/25.433 => replaced by 0951
R3-010951: NBAP IEs for LCR for ded proc - Siemens CR359R2/25.433
- in tabular, use current notation: no presence for groups and in case of optional, use start from “0”;
- in: id-TIMESLOTISCP-InformationList-LCR-RL-AdditionRqstTDD, timeslot should be only “T” in capital.

- Criticality missing in tabular (e.g. 9.1.42)
 - Include full included chapter (except for ASN.1)
- => 1006 CR359R3/25.433**
- R3-010693: RNSAP Info Elements for LCR - Siemens CR309/25.423 => replaced by 0821
- R3-010821: RNSAP Info Elements for LCR - Siemens CR309R1/25.423
- in tabular, use current notation: no presence for groups and in case of optional, use start from "0";
 - 8.3.2.2: "LCR" missing in first updated paragraph
 - 9.2.1.54: new text should be specification text
 - 9.2.3.x2: descriptive text should also indicate exception
 - page 30: "Neighbouring UMTS cell Information LCR" should not have the "LCR"
 - page 30 and other locations: criticality for both neighbouring cell information (UMTS and GSM) should be the same; this CR should use the global GSM Neighbouring cell group for low chip rate TDD with criticality. Other CR will remove definition for HCR TDD.
 - Check if in procedure text neighbouring cell description (SETUP/ADD), the text for TDD needs to be split for FDD and TDD
 - Criticality is missing in tabular in several cases (e.g. page 37; UL Timeslot Information LCR)
 - Page 39 (9.1.40): should be: DL Timeslot Info LCR group with no RL-id;
 - 9.2.1.41A: missing indentation for Neighbouring TDD cell information LCR;
 - ASN.1: Import of "id-neighbouring-LCR-TDD-CellInformation" is in wrong module
 - ASN.1 should be syntax checked.
- => 1007 CR309R2/25.423**

rb-3.3 WI - lur/lub UP methods supported on the R99 Uu (R3 leading: "LCS1-UEpos-lublur")

- R3-010550: Report from UP lub/lur protocol aspects ad-hoc - Nokia
- some editorial mistakes are present
- => report is approved.
- TR:**
- R3-010542: TR 25.850 v.0.2.1, UE positioning in UTRAN lub/lur protocol aspects- Nokia => approved as version v.0.3.0
=> 0975 TR 25.850 v.0.3.0
- R3-010975: TR25.850 v0.3.0: noted
- R3-010544: TR 25.850 v.0.2.2, UE positioning in UTRAN lub/lur protocol aspects- Nokia
- It should be more clearly indicated that the GPS reference receiver can also be located in the RNC and not necessarily in the Node-B. E.g. keep "if it is" in second bullet in 6.1.2.
 - ATD shall be replaced by AT
 - 6.3.: should talk about symbols instead of chips (several places)
 - 6.4.1.: first bullet remove "with micro second accuracy";
 - 6.1.2: line before bullets: remove "cell in the"
 - General: make it clear that the Node-B is performing the measurements, and the object is the cell. So it is not the cell performing the measurement.
 - In general, many updates are needed to reflect latest progress and decisions
- => 0974 TR25.580 v0.3.1 approved as v2.0.0 (R3-011052)
- R3-010545: Text proposal of TR 25.850 for OTDOA Radio Interface Timing - Nokia
- SFN-SFN measurement description shall be updated to reflect that it is made on slot boundaries
 - Timestamping of measurements shall be updated (indicate that also slot needs to be provided)
 - It should be more clearly indicate that there are 2 methods for obtaining the relative time difference between 2 cells (SFN_SFN measurement or two T-UTRAN-GPS measurements);
 - It was agreed that the drift-rate is not a separate L1 measurement, but instead is determined by L3 in an implementation specific way.
- => this document is to be integrated with comments in 0974.

- R3-010844: Proposal for TR25.850: Support of OTDOA IPDL for TDD - Siemens
=> approved, to be include in 0974
- R3-010790: Introduction of the UTRAN GPS Timing of the Cell Frame for LCS and SFN-SFN Observed Time Difference – Ericsson.
- Information is outdated due to latest changes;
 - Updated text will be included in 0974 directly and discussed then;
- CRs:**
- R3-010841: Introduction of the network configurable idle periods for OTDOA UE Positioning function - Nokia CR380/25.433
- R3-010845: Introduction of OTDOA IPDL for TDD in NBAP - Siemens CR381/25.433
- procedure text shall refer to correct IE;
- Discussion:
- agree to common IE group for FDD and TDD;
 - remove UP/OTDOA in IE names
 - error case as described in 0841 is agreed: you need to first deactivate the IDPL pattern, before activating a new one again;
 - it shall be clarified that when activating IPDL, it should always use the latest downloaded pattern;
 - In cell_reconfiguration, indicator should be (M); IPDL parameters should be (O)
 - Error case when activating, but no IDPL parameters are downloaded;
 - Do not use "IE groups";
 - Do not use same IE names if IE range/granularity is different;
 - IPPCCPCH value meaning should be clarified (change to ENUMERATED);
 - Burst mode parameter range should be in range column;
 - Agree to the cause values as introduced by 0841;
 - Editors are requested to consider only have one definition of the burst mode parameters;
- => 0989 CR381R1/25.433 Merged CR for FDD (CR380) and TDD
- R3-010989: Introduction of the network configurable idle periods for OTDOA UE Positioning function CR381R1/25.433 => approved
- R3-010772: Intro of the UTRAN-GPS SFN-SFN timing meas in NBAP CR372/25.433 => replaced by 0959
- R3-010959: Intro of the UTRAN-GPS SFN-SFN timing meas in NBAP CR372R1/25.433
- Unclarity regarding the mapping specified for the UE SFN-SFN measurement by RAN4. We will sent a liaison clarifying that we have used this definition as a working assumption, and would like feed-back; in addition we sould like the clarification on the mapping. (0993 Nortel)
 - Ranges used should be: SFN-SFN: -20480,...,+20479
 - 9.2.1.xx SFN-SFN measurement value information: SFN + time-slot information should be added
 - For the SFN-SFN measurement, the SFN reporting indicator indicates if this SFN + time-slot information shall be present in response/report messages. In this case, the SFN at the message level wil not be used.
 - If an SFN_SFN measurement is reported (on an event), we only report the data for the neighbouring cell that caused the event; This should be clarified in the procedure text for all event types but on-demand and periodic.
 - It should also be clarified that in the on-demand and periodic cases, information related to all indicated neighbouring cells should be provided. This should be clarified in the procedure (also when the unsuccessfull neighbouring cell info is used);
 - T-UTRAN-GPS measurement value information: changes range of 3 IE's so that an additional bit is avoided (e.g. (2²⁰)-1);
- => 0994 CR372R2/25.433 approved
- R3-010831: Introduction of common measurement procedure – Nortel CR327/25.423 => replaced by 0930

- R3-010930: Introduction of common measurement procedure – Nortel CR327R1/25.423
- large number of the same comments applied as given on NBAP
 - Context description in 3.1. shall be updated
 - Measurement id should also be updated; a line should be added for common measurements. (probably it would be good to copy the R99 CR on this aspect as well).
 - 9.2.1.x “T-UTRAN-GPS measurement accuracy class” should be renamed to “T-UTRAN-GPS accuracy class”.
 - 9.2.1.x: T_{UTRAN-GPS} Measurement Threshold Information; one times “shall” shall be removed; spelling error in measurements.
 - 8.5.x.2; common measurement accuracy; for cases A,B,C and B,C: add “highest supported”
- => 0995 CR327R2/25.423
- R3-010995: CR327R2/25.423
- hanging “Distant RNC” in Distant RNC context description in 3.1.
 - common measurement context id should be replaced everywhere with Distant RNC context id
- => **1054 CR327R3/25.423**
- R3-010782: Intro of Info Exchange proc over lub - Ericsson CR374/25.433 => replaced by 0920
- R3-010920: Intro of Info Exchange proc over lub - Ericsson CR374R1/25.433
- ID’s shall be requested from rapporteur;
 - Information Threshold should be modelled as CHOICE in tabular (already OK);
 - Include separate reference for IE’s towards the concerning specifications (per section);
- => 0990 CR374R2/25.433 approved
- R3-010832: Intro if Info Exchange proc over lur – Nortel CR328/25.423
- where applicable, same comments as given on 0920.
 - WI code is missing
 - Procedure text in 8.5.x.2 should refer to correct IE names.
 - Information type (9.2.1.x) first IE should be something like Information type Item
 - Align names of GPS information in both CR’s
 - Condition in requested data value should be aligned with NBAP
 - Cell identity shall be changed to C-ID (aligned with NBAP)
 - Update 3.1 context description related to common measurements
- => 0991 CR328R1/25.423
- R3-010991: CR328R1/25.423
- hanging “Distant RNC” in Distant RNC context description in 3.1.
 - “GPS Information type” should be replaced by “GPS Information Item” in procedure text.
 - 9.2.1.x “GPS Navigation Model and Recovery Assistance” should be changed to “GPS Navigation Model and Time Recovery”
 - IPDL start for TDD should be changed to “0..4095”
- => **1056 CR328R2/25.423**
- R3-010931: Intro of SCCP Handling for Common Meas and Info Exchange on lur CR14/25.420
- 4.5.1.4 first added paragraph: spelling error;
 - figures needs to be updated to reflect RNC1 and RNC2;
 - Change to have the common measurement and information exchange use the same signalling bearer (also only described once);
 - Agreed that the “or no user data” is removed from CR messages
- => 0992 CR14R1/25.420
- R3-010992: CR14R1/25.420
- update required since changes are indicated on previous revision of the CR, rather than the current revision of the specification.
 - Backward compatibility statement is missing.
- => **1053 CR14R2/25.420**
- R3-010976: Introduction of cell geographical area additional shapes CR336/25.423

- ASN.1 needs to be syntax checked/correct
 - ID's need to allocated
 - Tabular should introduce IE's at the end
 - Tag box at cover sheer;
- => 1022 CR336R1/25.423 approved

rb-3.4 WI - Terminal power saving features, TR25.938 (R1 leading: "RInImp-TPS")

TR:

- R3-010814: TR 25.938 v0.2.1 - Samsung Electronics => approved v0.3.0
- R3-010815: TR 25.938 v0.2.2 - Samsung Electronics
- chapter 7 still needs to be completed
 - chapter 8 should reference the concerning CR's
- => 0942 updated TR 25.938
- R3-010942: TR 25.938 v0.3.1 => approved as v2.0.0. (R3-011047)

CRs:

- R3-010816: The impacts on TS25.433 for gating operation - Samsung Electronics CR375
- conditions in tabular shall be expressed as requirements;
 - Cover page should not tag UE box
 - Do not include unchanged procedure sections
 - Do not use TYPE in extension sections
 - Inclusion of IE's in extension container might have to be changed based on discussion tomorrow morning;
- => R3-0943 CR375R1/25.433 approved
- R3-010817: The impacts on TS25.423 for gating operation - Samsung Electronics CR324
- several of the comments for NBAP are also appliable;
 - ASN.1 is not complete
 - 9.2.2.x does not indicate Gating support indicator (support is forgotten)
 - procedure text should indicate "shall" and not "shall if supported"
 - Gating support indicator in UL_SIGN_TRANSFER message and neighbouring cell information
- => R3-0944 CR324R1/25.423 approved

rb-3.5 WI - Node B synchronisation for TDD, TR25.838 (R1 leading: "RANimp-Nbsync")

TR:

- R3-010694: TR25.838 V0.2.1 Node B Sync for TDD (lub/lur aspects) - Siemens D/25.838 => approved as v0.3.0.
- R3-010695: Proposal for TR25.838 V0.2.1 Editors proposal - Siemens D/25.838
- References in chapter 8 are incorrect;
 - Table in 6.6. can be reduced to 4 cases
 - List CR's which cover this WI
- => 0932 TR25.838; V0.3.1.
- R3-010932: TR25.838 V0.3.1.
- => approved as v2.0.0 (R3-011045)

CRs:

- R3-010696: Introduction of Cell Synchronisation for TDD - Siemens CR016/25.402
- 6.1.2.2. in first line: clarify that this is an optional procedure
 - 6.1.2.2: reword bullet 8 so that the change shall have taken place when the response is sent;
 - 6.1.2.2.2. Remove " also" in second line
- => 0933 CR016R1/25.402 approved
- R3-010697: Sync Port signal Extension - Siemens CR017/25.402/Rel 4 => approved
- R3-010699: NBAP Procedure modifications due to cell sync - Siemens CR361/25.433
- id's should be requested from NBAP rapporteur;
 - where to put the extensions ?
 - Criticality is not reflected in tabular format
 - IE's which are only included for one mode, should have an indication like e.g. "TDD-only" in semantics column of tabular. In ASN.1 comment text, the full condition should be indicated.

=> 0934 CR361R1/25.4233 approved

- R3-010698: Intro of NBAP Cell Synchronisation function for TDD - Siemens CR360/25.433
- messages should be tagged TDD where applicable;
 - Cell sync burst indicator does not seem to be used as separate IE;
 - ASN.1 Elementary procedure list: procedures should be introduced in backward compatible way (after ellipses);
 - 8.2.xB.2, Cell Sync Burst schedule section: last line of first paragraph, add word "to";
 - 9.1.xD: tabular format and ASN.1 are not aligned;
 - Criticality is missing in tabular format;
 - 8.2.xB.2: IE names should be indicated in italic;
 - General: unspecified and semantic causes should not be listed as typical;
 - 8.2.xC.2: clarify the accuracy requirement
 - Remove cause: "Cell Sync Burst Measurement Temporary not Available"
 - Consider if some of the id's can be limited in range (2^20 is large);
- => 0935 CR360R1/25.433
- R3-010935: CR360R1/25.433
- error in ASN.1 for Cell Reconfiguration Request TDD
- => **1046 CR360R2/25.433**

Have to come back to the issue of where to put the extensions in the extension container: before or after the ellipses:

- R3-010960: Report of small ad-hoc
- R99 IE in extension container will be placed in front of the ellipses.
- Release 4 extensons can for the moment be place before and after the ellipses. A decision has to be taken at the next meeting. List as an open issue.!!***

rb-3.6 WI - DSCH Power control improv in SOHO TR25.849 (R1 leading: "RInImp-DSCHsho")

R3-010727: E-mail discussion report of DSCH power control improv in DSCH – Nokia => noted

TR:

- R3-010726: TR 25.849 v0.1.0 DSCH power control improvements in SOHO: noted
- R3-010728: Text proposal in Chapter 4 of TR 25.849 => replaced by R3-010900
- R3-010900: Text proposal in Chapter 4 of TR 25.849
- picture should be updated; "RNC sends DSCH power parameter for primary case" (handle in TR update).
- => approved with modification
- R3-010722: Text proposal in Chapter 5 of TR 25.849 => approved
- R3-010729: Text proposal in Chapter 6 of TR 25.849 => replaced by R3-010901
- R3-010901: Text proposal in Chapter 6 of TR 25.849
- Open issues are not open anymore:
 - 1st: RNC does not need to know if the E-DSCH PC;
 - 2nd: parameters shall be transport when establishing/modifying the DSCH
 - It was clarified that E-DSCH PC and SSDT can be activate at the same time;
 - Open issue: Verify with WG1 if intentionally there are different methods for SSDT and E-DSCH-PC for determining primary cell (in case of SSDT + E-DSCH-PC activation) ! => sent liaison 0936 (Nokia)
 - List as open issue in TR.
- => Approved with indicated modifications.
- R3-010730: Text proposal in Chapter 6.3 of TR 25.849 => replaced by R3-010902
- R3-010902: Text proposal in Chapter 6.3 of TR 25.849
- 6.3.1/6.3.2/6.3.3 "E-DSCH-PC cell id" is missing;
 - 6.3.2/6.3.3: RL_RECONF_COMMIT is missing;
 - reconfiguration is misspelled in a number of places;
- => Approved with indicated modifications
- R3-010731: Text proposal in Chapter 7 of TR 25.849 => replaced by R3-010903
- R3-010903: Text proposal in Chapter 7 of TR 25.849

- removed "And Indicator" in bullet 3;
 - Chapter 7 should be restructured in line with chapter 6. Currently proposed text for chapter 7 should be included in 7.3;
- => Approved with indicated modifications

R3-010732: Text proposal in Chapter 8 of TR 25.849 => replaced by R3-010904

R3-010904: Text proposal in Chapter 8 of TR 25.849

- also in RL_RECONF_PREPARE, a separate EDSCHPC cell id should be included, in order to avoid backward compatibility problems with R99;
 - RNSAP
 - E-DSCH PC:
 - Agree to put E-DSCH PC IE in the DSCH FDD Information IE (O);
 - Agree to put E-DSCH PC IE also in the DSCH to modify group in RL_RECONFIGURATION_PREPARE (O);
 - Procedure text should make sure that never both will be included;
 - E-DSCH PC Indicator IE should be included in the same way as E-DSCH PC IE as described in first 2 bullets;
 - CELL-ID:
 - In both RL_SETUP and RL_RECONF_PREP, a separate EDSCHPC cell id will be included (in a backward compatible position) (O/C).
 - procedure text should make sure that never both will be included with different values.
 - In the new IE's, Enhanced DSCH PC IE in tabular should remove first row.
 - Changes to the procedure text are still missing.
 - Power offset: should be clarified that the offset should be negative and applied to primary cell.
 - NBAP
 - E-DSCH PC:
 - Suggestion is to base a solution on a new common DSCH info group; details to be worked out;
 - Cell-ID can be handled as proposed for RNSAP
 - Most RNSAP comments are also applicable for NBAP;
 - Conditions in the tabular section should be expressed as requirements;
- => 0939 update for chapter 8

R3-010939: Update text proposal for chapter: noted

R3-010962: TR25.849 v0.1.1

- remove listen open issue
- => With this modification, the document can be approved v.2.0.0 (R3-011044)

CRs:

R3-010940: DSCH PC Improvement NBAP CR362R1/25.433

- third new bullet in 8.3.2.2 has editorial error ("in the" twice)
- add "either" before bullet list

=> **1037 CR362R2/25.433**

R3-010941: DSCH PC Improvement RNSAP CR310R1/25.423

- add "either" before bullet list (2 times)
- third new bullet in 8.3.4.2 has editorial error ("in the" twice)

=> **1038 CR310R2/25.423**

rb-3.7 SI - Improved common DL channel in CELL_FACH state (R2 leading)

rb-3.8 SI - Highspeed DL packet access study – (R2 leading)

rb-3.9 SI - Candidate enhancements for RL perf – (R1 leading)

rb-3.10 Other issues

RB-4 RELEASE 5 (IUR/IUB RELATED WORK ITEMS AGREED BY TSG RAN)

rb-4.1 WI - Hybrid ARQ, TR25.837 (R2 leading)

rb-4.2 WI - Improved support of inter-frequency/system measurements (R1 leading)

rb-4.3 WI - Support for multiple CCTrCHs (R2 leading)

rb-4.4 SI - USTS – TR25.839 (R1 leading)

-R3-010636: Text proposal of TR 25.839 for Discussions in WG3

rb-4.5 SI - Candidate enhancements for RL perf (R1 leading)

rb-4.6 Other issues

RB-5 OUTGOING LIASION STATEMENTS

R3-010905: MaxCPCH (Samsung)

R3-010928: Proposed answer liaison to SA5 (Vodafone)

R3-010936: Verify with WG1 if intentionally there are different methods for SSdT and E-DSCH-PC for determining primary cell (Nokia)

- Cancelled: by contacting the WG1 chairman, it was clarified that this difference in handling DCH and DSCH is intentionally. No additional parameters for SSdT are required.

R3-010993: Question to RAN4 on SFN-SFN measurement

R3-011023: Proposed outgoing liaison on SFN-SFN measurement (WG1/WG4/WG2) (Nokia)

ASN handling in coming weeks

R99 ASN.1

- NEC will provide updated CR;s for R99 CR's with correction of ASN.1 errors; the latest on coming Thursday on reflector;
- Objections to updated CR's shall be stated on Friday morning ("Nice"-time);
- Friday we will know which CR's need to be approved by RAN;

R4 ASN.1

- no checking of R4 ASN.1 before TSG-RAN meeting
- if we get v4.0.0 specification, it will contain unchecked ASN.1
- NEC is volunteering to check R4 ASN.1 for next meeting; this will indicate what the problems are and which CR (from which company) cause it
- Responsible company should provide a CR to correct the ASN.1 error

RB-6 LEFT-OVERS FROM IUB/IUR SWG (FOR CLOSING PLENARY)

RB-6.1. Release 99 CR's

- R3-011020:** Measurement range modification - Siemens CR352R2/25.433
- R3-011021:** Measurement range modification - Siemens CR306R2/25.423
- R3-011032:** Power Control Pre-amble handling – Ericsson CR335R1/25.423
- R3-010973:** Node-B resource Model corrections – Alcatel CR385R1/25.433

RB-6.2. Release 4 CR's

WI - RRM optimisation on lur/lub, TR25.935 (R3 leading: "RANimp-RRMopt")

- R3-011009:** TR 25.935 v0.4.0, RRM Opt for lur and lub – Ericsson
- R3-011010:** TR 25.935 v0.4.1, RRM Opt for lur and lub – Rapporteur

- R3-011063:** Introduction of Rate Control on DCHs CR339R1/25.423

- R3-011057:** Intro of SCCP Handling for Common Meas on lur - BT CR12R2/25.420
- R3-011058:** Intro of Common Measurement Procedure for load - BT CR323R2/25.423
- R3-011059:** Merged CR for common measurement over lur (related RRM common measurements + UE position) CR337R1/25.423 (BT/Nortel)

WI - Low chiprate TDD option, lur/lub aspects, TR25.937 (R3 leading: "LCRTDD-lublur")

- R3-011005:** NBAP IEs for LCR for common proc - Siemens CR358R2/25.433
- R3-011006:** NBAP IEs for LCR for dedicated proc - Siemens CR359R2/25.433
- R3-011007:** RNSAP Info Elements for LCR - Siemens CR309R2/25.423

WI - lur/lub UP methods supported on the R99 Uu (R3 leading: "LCS1-UEpos-lublur")

- R3-011054:** Introduction of common measurement procedure – Nortel CR327R3/25.423
- R3-011056:** Intro of Info Exchange proc over lur – Nortel CR328R2/25.423
- R3-011053:** Intro of SCCP Handling for Common Meas/Info Exchange on lur CR14R2/25.420

WI - Node B synchronisation for TDD, TR25.838 (R1 leading: "RANimp-Nbsync")

- R3-011046:** Intro of NBAP Cell Synchronisation function for TDD - Siemens CR360R2/25.433

WI - DSCH Power control improv in SOHO TR25.849 (R1 leading: "RInImp-DSCHsho")

- R3-011037:** DSCH PC Improvement NBAP CR362R2/25.433
- R3-011038:** DSCH PC Improvement RNSAP CR310R2/25.423

RB-6.3. Outgoing liaisons

- R3-010905:** MaxCPCH (Samsung)
- R3-010928:** Proposed answer liaison to SA5 (Vodafone)
- R3-010993:** Question to RAN4 on SFN-SFN measurement, mapping/range (Nortel)
- R3-011023:** Outgoing liaison on SFN-SFN measurement, measurement definition (Nokia)

RB-6.4. Incoming liaisons not discussed yet

RAN2

- R3-010966:** RTD measurement in UTRAN
- R3-010968:** LS on Cell reserved for operator use (CR proposed in R3-011017)

R3-010970 up to R3-010972 are non-lub/lur specific, so also still need to be handled.

RAN4:

- R3-010559:** LS on power balancing accuracy requirement: need to make sure what WG1 specifies now, before removing things from our specifications. Where do we want to put this new formula: WG1 specifications or WG3 specifications (come back on Friday)
- R3-010963:** Draft answer LS on clarification request on measurements definition and accuracy

RB-6.2. Release 5 Contributions

R3-010636: Text proposal of TR 25.839 for Discussions in WG3