3GPP TSG-RAN WG2 Meeting #103 R2-18xxxxx

Gothenburg, Sweden, 20th - 24th August 2018

Source: RAN2 Chairman (Intel)

Title: Proposed Agenda

# 1 Opening of the meeting (9 AM)

## 1.1 Call for IPR

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| The attention of the delegates of this Working Group is drawn to the fact that **3GPP Individual Members have the obligation** under the IPR Policies of their respective Organizational Partners **to inform their respective Organizational Partners of Essential IPRs** they become aware of. The delegates were asked to take note that they were hereby invited:* to investigate whether their organization or any other organization owns IPRs which were, or were likely to become Essential in respect of the work of 3GPP.
* to notify their respective Organizational Partners of all potential IPRs, e.g., for ETSI, by means of the IPR Statement and the Licensing declaration forms (http://webapp.etsi.org/Ipr/).
 |

NOTE: IPRs may be declared to the Director-General or Chairman of the SDO, but not to the RAN WG2 Chairman.

## 1.2 Network usage conditions

The PCG has laid down the following network usage conditions

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| 1. **Users shall not use the network to engage in illegal activities. This includes activities such as copyright violation, hacking, espionage or any other activity that may be prohibited by local laws.**2. **Users shall not engage in non-work related activities that consume excessive bandwidth** or cause significant degradation of the performance of the network.Since the network is a shared resource, users should exercise some basic etiquette when using the 3GPP network at a meeting. It is understood that high bandwidth applications such as downloading large files or video streaming might be required for business purposes, but delegates should be strongly discouraged in performing these activities for personal use. Downloading a movie or doing something in an interactive environment for personal use essentially wastes bandwidth that others need to make the meeting effective. The meeting chairman should remind end users that the network is a shared resource; the more one user grabs, the less there is for another. Email and its attachments already take up significant bandwidth (certain email programs are not very bandwidth efficient). In case of need the chair can ask the delegates to restrict IT usage to things that are essential for the meeting itself.**1. DON’T place your WiFi device in ad-hoc mode** **2. DON’T set up a personal hotspot in the meeting room** **3. DO try 802.11a if your WiFi device supports it** **4. DON’T manually allocate an IP address** **5. DON’T be a bandwidth hog by streaming video, playing online games, or downloading huge files** **6. DON’T use packet probing software which clogs the local network (e.g., packet sniffers or port scanners)** |

## 1.3 Other

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| --- |
| In accordance with the Working Procedures it is reaffirmed that: (i) compliance with all applicable antitrust and competition laws is required; (ii) timely submissions of work items in advance of TSG or WG meetings are important to allow for full and fair consideration of such matters; and (iii) the chairman will conduct the meeting with strict impartiality and in the interests of 3GPP |

Note on (i): In case of question please contact your legal counsel.

Note on (ii): WIDs don’t need to be submitted to the RAN2 meeting and will typically not be discussed here either.

# 2 General

THANK YOU to companies that request TDoc numbers and submit contributions early before deadline (really appreciated). Will start to refrain from treating late documents.

## 2.1 Approval of the agenda

A draft schedule for the week is provided as a separate document, distributed via the RAN2 email reflector and made available during the meeting week in the RAN2\Inbox\Chairmans\_Notes folder.

## 2.2 Approval of the report of the previous meeting

## 2.3 Reporting from other meetings

## 2.4 Others

Rapporteur changes

Spec former rapporteur proposed new rapporteur

Isolated impact analysis

Note that an isolated impact analysis is required for Rel-8 to Rel-14 CRs from Q3 2017 onwards.

Only corrections where there is a proven problem are allowed for frozen releases (Rel-8 to Rel-14).

RAN2 WG compendium

Latest version can always be found at ftp://ftp.3gpp.org/tsg\_ran/WG2\_RL2/Org/RAN2\_Compendium/

Drafting rules

Note that specification drafting rules in TR 21.801 must be followed when drafting a CR and draft TS/TR.

Latest version can always be found at http://www.3gpp.org/ftp/specs/archive/21\_series/21.801/

Time Budget

The time budget endorsed at RAN-80 is available in [RP-181486](file:///C%3A%5CData%5C3GPP%5CTSGR%5CTSGR_80%5CDocs%5CRP-181486.zip)

Offline discussion during RAN2 meeting

Chairs will allocate a number for offline discussions during the meeting. Create a folder starting with this number within inbox/drafts and use this to share any documents relating to the offline discussion (please use format "[Offline-nnn] ....", i.e. a 3 digit number). Also use this number in the title of any reflector emails relating to this offline discussion. (please use format "[AH1807 Offline-nnn]....."). Do not share documents over the reflector during the meeting

# 3 Incoming liaisons

Note: LSs are moved to the respective agenda items if any.

# 4 Void

# 5 Void

# 6 LTE: Rel-12 and earlier releases

Including corrections related to the following WIs:

(LTE-L23, leading WG: RAN2, REL-8, started: Sep. 06, closed: Dec. 08, WID: RP-080747)

(LTE\_CA-Core, leading WG: RAN1, REL-10, started: Dec. 09, closed: June 11, WID: RP-100661)

(LTE\_UL\_MIMO-Core, leading WG: RAN1, REL-10, started: Dec.09, closed: June 11, WID: RP-100959)

(LTE\_eDL\_MIMO-Core, leading WG: RAN1, REL-10, started: Dec.09, closed: March 11, WID: RP-100196)

(LTE\_Relay-Core, leading WG: RAN1, REL-10, started: Dec. 09, closed: June 11, WID: RP-110911)

(MBMS\_LTE\_enh-Core, leading WG: RAN2, REL-10, started: June 10, closed: March 11, WID: RP-101244)

(MDT\_UMTSLTE-Core, leading WG: RAN2, REL-10, started: Dec. 09, closed: June 11, WID: RP-100360)

(eICIC\_LTE-Core, leading WG: RAN1, REL-10, started: March 10, closed: June 11, WID: RP-100383)

(SONenh\_LTE-Core, leading WG: RAN3, REL-10, started: March 10, closed: June 11, WID: RP-101004)

(LTE\_CA\_enh-Core, leading WG: RAN1, REL-11, started: March 11, closed: Mar.13, WID: RP-121999)

(MBMS\_LTE\_SC-Core, leading WG: RAN2, REL-11, started: June 10, closed: Sep.12, WID: RP-120258)

(LTE\_eDDA-Core, leading WG: RAN2, REL-11, started: March 11, closed: Dec.12, WID: RP-120256)

(LCS\_LTE-NBPS-Core, leading WG: RAN2, REL-11, started: March 09, closed: June. 13, WID: RP-131259)

(eICIC\_enh\_LTE-Core, leading WG: RAN1, REL-11, started: March 11, closed: Dec. 12, WID: RP-120860)

(SPIA\_IDC\_LTE-Core, leading WG: RAN2, REL-11, started: Sep.11, closed: Dec. 12, WID: RP-111355)

(COMP\_LTE\_DL-Core, leading WG: RAN1, REL-11, started: Sep.11, closed: Dec.12, WID: RP-111365)

(COMP\_LTE\_UL-Core, leading WG: RAN1, REL-11, started: Sep.11, closed: Dec.12, WID: RP-111365)

(LTE\_TDD\_add\_subframe, leading WG: RAN1, REL-11, started: March 12; closed: Sep. 12, WID: RP-120384)

(FS\_HetNet\_eMOB\_LTE, leading WG: RAN2, REL-11, started: March 11, closed: Sep. 12, WID: RP-110709)

(LTE\_enh\_dl\_ctrl-Core, leading WG: RAN1, REL-11, started: Dec. 11, closed: Dec. 12, WID: RP-120871)

(LTE\_SC\_enh\_dualC-Core, leading WG: RAN2, REL-12, started: Dec.13, closed: Dec.14, WID: RP-141797)

(LTE\_SC\_enh\_L1-Core, leading WG: RAN1, REL-12, started: Dec.13, closed: Dec.14, WID: RP-132073)

(LTE\_D2D\_Prox-Core, leading WG: RAN1, REL-12, started: Mar.14, closed: Mar.15, WID: RP-142043)

(MBMS\_LTE\_OS-Core, leading WG: RAN2, REL-12, started: Sep.13, closed: Dec.14, WID: RP-140282)

(LTE\_NAICS-Core, leading WG: RAN1, Rel-12, started: Mar 14, closed: Dec.14, WID: RP-140519)

(LC\_MTC\_LTE-Core, leading WG: RAN1, REL-12, started: Jun 13, closed: Dec 14, WID: RP-140522)

(GCSE\_LTE-MBMS\_CM-Core, leading WG: RAN3, started: Sep. 14, closed: Mar. 2015, WID: RP-141035)

(LTE\_CA\_TDD\_FDD-Core, leading WG: RAN1, REL-12, started: Jun 13, closed: Jun 14, WID: RP-140465)

(LCS\_BDS-LTE-Core, leading WG: RAN2, REL-12, started: Mar 13, closed: Dec 13, WID: RP-130416)

(LTE\_eDL\_MIMO\_enh-Core, leading WG: RAN1, REL-12, started: Sep 12, closed: June 14, WID: RP-121416)

(HetNet\_eMOB\_LTE-Core, leading WG: RAN2, REL-12, started: Dec.12, , closed: Sep 14, WID: RP-122007)

(Cov\_Enh\_LTE-Core, leading WG: RAN1, REL-12, started: Jun.13, closed: Jun.14, WID: RP-130833)

(LTE\_TDD\_eIMTA-Core, leading WG: RAN1, REL-12, started: Dec 12, closed: Jun.14, WID: RP-121772)

(SCM\_LTE-Core, leading WG: RAN2, REL-12, started: Mar.14, closed: Sep.14, WID: RP-140434)

Including any LTE corrections related to the following joint UMTS/LTE WIs:

(SIMTC-RAN\_OC-Core, leading WG: RAN2, REL-11, started: Sep.11, closed: Sep. 12, WID: RP-111373)

(eMDT\_UMTSLTE-Core, leading WG: RAN2, REL-11, started: Sep.11, closed: Dec.12, WID: RP-121204)

(SONenh2\_LTE\_UTRA-Core, leading WG: RAN3, REL-11, started: Sep.11, closed: Dec.12, WID: RP-120314)

(rSRVCC-GERAN, leading WG: GERAN2, REL-11, started: Sep.11, closed: Nov.13, WID: GP-111290)

(EHNB\_enh3-Core, leading WG: RAN3, REL-12, started: Sep.12, closed: Dec 13, WID: RP-130741)

(MTCe\_RAN-Core, leading WG: RAN2, REL-12, started: Dec.13, closed: Sep.14, WID: RP-132053)

(UTRA\_LTE\_WLAN\_interw-Core, leading WG: RAN2, REL-12, started: Dec.13, closed: Sep.14, WID: RP-132101)

(LTE\_UTRA\_IncMon-Core, leading: RAN4, REL-12, started: Dec.13, closed: Dec. 14, WID: RP-132061)

Documents in this agenda item will be handled in a break out session

## 6.1 Agreed in principle CRs

## 6.2 Other

# 7 LTE: Rel-13

## 7.1 WI: Further LTE Physical Layer Enhancements for MTC

(LTE\_MTCe2\_L1-Core, leading WG: RAN1, REL-13; started: Sep. 14, closed: Mar. 16, WID: RP-150492)

Documents in this agenda item will be handled in a break out session

## 7.2 WI: Narrowband IOT

(NB\_IOT-Core; leading WG: RAN1; started: Sep. 15; target: Jun. 16; WID: RP-152284)

Documents in this agenda item will be handled in a break out session

## 7.3 Other LTE Rel-13 WIs

Including corrections related to the following WIs:

(LTE\_LAA-Core, leading WG: RAN1, REL-13; started: June 15, closed: Dec. 15, WID: RP-151045)

(LTE\_CA\_enh\_b5C-Core, leading WG: RAN1, REL-13; started: Dec. 14, closed: Dec. 15, WID: RP-151984)

(LTE\_SC\_PTM-Core, leading WG: RAN2, REL-13; started: June 15, closed: Dec. 15, WID: RP-151110)

(LTE\_eD2D\_Prox-Core, leading WG: RAN2, REL-13; started: Dec. 14, closed: Mar. 16, WID: RP-150441)

(LTE\_MC\_load-Core, leading WG: RAN2, started: Mar. 15, closed: Dec. 15, WID: RP-152181)

(LTE\_dualC\_enh-Core, leading WG: RAN2, started: Mar. 15, closed: Dec. 15, WID: RP-151739)

(LTE\_extDRX-Core; leading WG: RAN2; started: Mar. 15; closed: Mar. 16; WID: RP-150493)

(LTE\_EBF\_FDMIMO-Core; leading WG: RAN1; started: June. 15; closed: Dec. 15; WID: RP-151085)

(LTE\_eMDT2-Core; leading WG: RAN2; started: Sep. 15; closed: Dec 15; WID: RP-151611)

(UTRA\_LTE\_iPos\_enh-Core; leading WG: RAN2; started: Sep. 15; closed: Dec 15; WID: RP-152251)

(LTE\_WLAN\_radio-Core, leading WG: RAN2, started: Mar. 15, closed: Mar. 16, WID: RP-152213)

(LTE\_WLAN\_radio\_legacy-Core; leading WG: RAN2; started: Sep. 15; closed: Mar 15; WID: RP-151615)

Including any LTE corrections related to the following joint UMTS/LTE WIs:

(ACDC-RAN-Core; leading WG: RAN2; REL-13; started: Mar. 15; closed: Dec. 15; RP-150662)

Documents in this agenda item will be handled in a break out session

# 8 LTE Rel-14

## 8.1 WI: Enhanced LAA for LTE

(LTE\_eLAA-Core; leading WG: RAN1; REL-14; started: Dec. 15; closed: Mar. 17; WID:RP-162229)

This agenda item is for correction CRs to the closed WI.

Documents in this agenda item will be handled in a break out session

## 8.2 WI: Support for V2V services based on LTE sidelink

(LTE\_SL\_V2V-Core; leading WG: RAN1; started: Dec. 15; closed: Sept 16; WID: RP-161603)

Documents in this agenda item will be handled in a break out session

## 8.3 Void

## 8.4 Void

## 8.5 WI: Enhanced LTE-WLAN Aggregation (eLWA)

(LTE\_WLAN\_aggr-Core; leading WG: RAN2; REL-14; started: Mar. 16; closed: Mar. 17; WID: RP-160923)

Documents in this agenda item will be handled in a break out session

## 8.6 WI: Further mobility enhancements in LTE

(LTE\_eMob-Core; leading WG: RAN2; REL-14; started: Mar. 16; closed: Mar. 17; WID:RP-162503)

Documents in this agenda item will be handled in a break out session

## 8.7 WI: Further Indoor Positioning enhancements for UTRA and LTE

(UTRA\_LTE\_iPos\_enh2-Core; leading WG: RAN2; REL-14; started: Mar. 16; closed: Dec. 16; WID: RP-162026)

Documents in this agenda item will be handled in a break out session

## 8.8 WI: L2 latency reduction techniques for LTE

(LTE\_LATRED\_L2-Core; leading WG: RAN2; REL-14; started: Mar. 16; closed: Sep. 16; WID: RP-160667)

Documents in this agenda item will be handled in a break out session

## 8.9 Void

## 8.10 WI: eMBMS enhancements for LTE

(MBMS\_LTE\_enh2-Core; leading WG: RAN1; REL-14; started: Mar. 16; closed: Sep. 17; WID:RP-162231)

Documents in this agenda item will be handled in a break out session

## 8.11 WI: Enhancements of NB-IoT

(NB\_IOTenh-Core; leading WG: RAN1; REL-14; started: June 16; closed: Jun. 17; WID: RP-171060)

Note: SC-PTM for eNB-IoT is handled under 8.12.1

Documents in this agenda item will be handled in a break out session

## 8.12 WI: Further Enhanced MTC for LTE

(LTE\_feMTC-Core; leading WG: RAN1; REL-14; started: June 16; closed: Jun. 17; WID: RP-170532)

Documents in this agenda item will be handled in a break out session

## 8.13 WI: LTE-based V2X Services

(LTE\_V2X-Core, leading WG: RAN1; REL-14; started: June 16; closed: Mar. 17; WID: RP-162519)

Documents in this agenda item will be handled in a break out session

## 8.14 WI: SRS switching between LTE component carriers

(LTE\_SRS\_switch; leading WG: RAN1; REL-14; started: Mar.16: closed: Dec. 16; WID: RP-160935)

Documents in this agenda item will be handled in a break out session

## 8.15 WI: Measurement Gap Enhancement for LTE

(LTE\_meas\_gap\_enh-Core; leading WG: RAN4; REL-14; started: Mar. 16; closed: Jun. 17; WID: RP-160912)

Documents in this agenda item will be handled in a break out session

## 8.16 Void

## 8.17 WI: Performance enhancements for high speed scenario in LTE

(LTE\_high\_speed-Core; leading WG: RAN4; REL-14; started: Dec. 15. 16; closed: Dec. 16; WID: RP-160172)

Documents in this agenda item will be handled in a break out session

## 8.18 WI: Voice and Video enhancement for LTE

(LTE\_VoLTE\_ViLTE\_enh; leading WG: RAN2; REL-14; started: Sep. 16; closed: Mar. 17: WID: RP-161856)

Documents in this agenda item will be handled in a break out session

## 8.19 New UE category with single receiver based on Category 1 for LTE

 (LTE\_UE\_cat\_1Rx-Core; leading WG: RAN4; REL-14; started: Sep. 16; closed: Jun. 17: WID: RP-171149)

Documents in this agenda item will be handled in a break out session

## 8.20 Uplink Capacity Enhancements for LTE

LTE\_UL\_CAP\_enh-Core; leading WG: RAN1; REL-14; started: Mar. 16; closed: Mar. 17: WID: RP-162488

Documents in this agenda item will be handled in a break out session

## 8.21 WI: Enhancements on Full-Dimension (FD) MIMO for LTE

(LTE\_eFD\_MIMO-Core; leading WG: RAN1; REL-14; started: Mar. 2016; closed: Mar. 17: WID: RP-160623)

Documents in this agenda item will be handled in a break out session

## 8.22 Void

## 8.23 WI: Downlink Multiuser Superposition Transmission for LTE

(LTE\_MUST-Core; leading WG: RAN1; REL-14; started: Mar. 16; closed: Dec. 16: WID: RP-161019)

Documents in this agenda item will be handled in a break out session

## 8.24 Other LTE Rel-14 WIs

Documents in this agenda item will be handled in a break out session

This agenda item may be used for documents relating to Rel-14 WIs with no allocated RAN2 time but which might have minor RAN2 impact.

Including any LTE corrections related to the following joint UMTS/LTE WI:

(eDECOR-UTRA\_LTE-Core; leading WG: RAN3; REL-14; started: Dec. 16; closed: Mar. 17: WID: RP-162543)

## 8.25 LTE TEI14 enhancements

Documents in this agenda item will be handled in a break out session

Small Technical Enhancements affecting LTE Rel-14 that do not belong to any Rel-14 WI.

Note: A TEI enhancement proposal should be treated for only one meeting cycle and involve only one WG. Otherwise, a WI should be proposed at RAN plenary!

This agenda item is for items already discussed under TEI14. New proposals should be submitted to TEI15, AI 9.19.

# 9 LTE Rel-15

## 9.1 Void

## 9.2 WI: Shortened TTI and processing time for LTE

(LTE\_STTIandPT-core; leading WG: RAN1; REL-15; started: June 16; target: Sep. 18; WID: RP-171468)

Time budget: 0 TU

This AI is for corrections to a WI that is complete from RAN2 point of view. Note the 36.331 CR has not yet been implemented to the specification and must be agreed again in RAN2#103.

Documents in this agenda item will be handled in a break out session

## 9.3 Void

## 9.4 Void

## 9.5 Further video enhancements for LTE

(LTE\_ViLTE\_enh2-Core; leading WG: RAN2; REL-15; started: Mar. 17; target: Sep. 18: WID: RP-172726)

Time budget: 0 TU

This AI is for corrections to a WI that is complete from RAN2 point of view. Note the 36.331 CR has not yet been implemented to the specification and must be agreed again in RAN2#103.

Documents in this agenda item will be handled in a break out session

## 9.6 QoE Measurement Collection for streaming services in E-UTRAN

(LTE\_QMC\_Streaming; leading WG: RAN2; REL-15; started: Mar. 17; target: Jun. 18: WID: RP-170956)

Time budget: 0 TU

This AI is for corrections to a WI that is complete from RAN2 point of view. Note the 36.331 CR has not yet been implemented to the specification and must be agreed again in RAN2#103.

Documents in this agenda item will be handled in a break out session

## 9.7 LTE connectivity to 5G-CN

(LTE\_5GCN\_connect-Core; leading WG: RAN2; REL-15; started: Mar. 17; target: Sep. 18: WID: RP-180064)

Time budget: 0 TU

This AI is for corrections to a WI that is complete from RAN2 point of view. Note the 36.331 CR has not yet been implemented to the specification and must be agreed again in RAN2#103.

### 9.7.1 Organisational

Including incoming LSs, rapporteur inputs, running CRs

Principles on what to specify in which specs, terminology, etc

Including output of email discussion [102#73][LTE/5GC] NR agreements applicable for LTE/5GC (Intel)

### 9.7.2 Aspects independent from NR/5GC

### 9.7.3. Inactive state

### 9.7.4 Access control

### 9.7.5 Other

## 9.8 Positioning Accuracy Enhancements for LTE

(LCS\_LTE\_acc\_enh-Core; leading WG: RAN2; REL-15; started: Mar. 17; target: Sep. 18: WID: RP-181298)

Time budget: 0 TU

This AI is for corrections to a WI that is complete from RAN2 point of view. Note the 36.331 CR has not yet been implemented to the specification and must be agreed again in RAN2#103.

Documents in this agenda item will be handled in a break out session

### 9.8.1 Organisational

Including incoming LSs, rapporteur inputs, running CRs

### 9.8.2 GNSS positioning enhancements

RTK payload transmission, transparent or not? Supported RTK techniques, SSR, VRS, PPP, etc? The details on the support of UE based and UE assisted; The details about unicast and broadcast of RTK assistance data;

### 9.8.3 Support for IMU positioning

The details of IMU raw data; the scenario and benefits on how to use IMU raw data;

### 9.8.4 UE-based OTDOA positioning

What additional assistance information is required? Note, as second priority

### 9.8.5 Broadcasting of assistance data

SIB design for the transmission of A-GNSS, RTK and, as second priority, UE-based OTDOA assistance information. Encryption of assistance data broadcasting (SA3 input is needed);

## 9.9 Enhancing CA Utilization

(LTE\_euCA-Core; leading WG: RAN2; REL-15; started: Mar. 17; target: Sep. 18: WID: RP-180561)

Time budget: 0 TU

This AI is for corrections to a WI that is complete from RAN2 point of view. Note the 36.331 CR has not yet been implemented to the specification and must be agreed again in RAN2#103.

Documents in this agenda item will be handled in a break out session

### 9.9.1 General

Including incoming LSs, work plan, rapporteur inputs, running CRs

### 9.9.2 Delay reduction for SCell set-up

### 9.9.3 Signalling overhead reduction for configuration activation

### 9.9.4 Others

## 9.10 Enhancements on LTE-based V2X Services

(LTE\_eV2X-Core; leading WG: RAN1; REL-15; started: Mar. 17; target: Sep. 18: WID: RP-171740)

Time budget: 0 TU

This AI is for corrections to a WI that is complete from RAN2 point of view. Note the 36.331 CR has not yet been implemented to the specification and must be agreed again in RAN2#103.

Documents in this agenda item will be handled in a break out session

### 9.10.1 General

Including incoming LSs

### 9.10.2 Control plane

Including output of email discussion [102#74][LTE/V2X] Sensing/reporting resource for mode 3 (Huawei) and UE capabilities

### 9.10.3 User plane

## 9.11 High capacity stationary wireless and 1024 QAM

(LTE\_1024QAM\_DL-Core; leading WG: RAN1; REL-15; started: Mar. 17; target: Mar. 18: WID: RP-171738)

Time budget: 0 TU

This AI is for corrections to a WI that is complete from RAN2 point of view. Note the 36.331 CR has not yet been implemented to the specification and must be agreed again in RAN2#103.

Documents in this agenda item will be handled in a break out session

### 9.11.1 General

Including incoming LSs, work plan, rapporteur inputs, running CRs

### 9.11.2 UE capability and potential new categories

### 9.11.3 Corresponding higher-layer procedures and signalling

## 9.12 Enhancements to LTE operation in unlicensed spectrum

(LTE\_unlic-Core; leading WG: RAN1; REL-15; started: Mar. 17; target: Jun. 18: WID: RP-180402)

Time budget: 0 TU

This AI is for corrections to a WI that is complete from RAN2 point of view. Note the 36.331 CR has not yet been implemented to the specification and must be agreed again in RAN2#103.

Documents in this agenda item will be handled in a break out session

### 9.12.1 General

Including incoming LSs, work plan, rapporteur inputs, running CRs

### 9.12.2 Autonomous uplink access on Frame structure type 3

### 9.12.3 Other operation on Frame structure type 3

### 9.12.4 Others

## 9.13 Further NB-IoT enhancements

(NB\_IOTenh2-Core; leading WG: RAN1; REL-15; started: Mar. 17; target: Sep. 18: WID: [RP-172063](file:///C%3A%5CData%5C3GPP%5CTSGR%5CTSGR_77%5Cdocs%5CRP-172063.zip))

Time budget: 0 TU

This AI is for corrections to a WI that is complete from RAN2 point of view. Note the 36.331 CR has not yet been implemented to the specification and must be agreed again in RAN2#103.

Documents in this agenda item will be handled in a break out session

Some sub-items in 9.13 and 9.14 may be treated jointly.

### 9.13.1 Organisational

Including incoming LSs, rapporteur inputs, running CRs

### 9.13.2 Early Data Transmission

Early Data transmission for NB-IoT is treated jointly with MTC under AI 9.14.2. Do not use this AI for any item that can be discussed jointly.

### 9.13.3 System Acquisition Enhancements

System acquisition Enhancements for NB-IoT is treated jointly with MTC under AI 9.14.3. Do not use this AI for any item that can be discussed jointly.

### 9.13.4 Relaxed Monitoring for cell reselection

Relaxed monitoring for cell reselection for MTC and NB-IoT is treated jointly under this AI.

### 9.13.5 Semi-Persistent Scheduling

### 9.13.6 RRC Connection Release Enhancements

### 9.13.7 UE differentiation

### 9.13.8 TDD

### 9.13.9 Wake Up Signal

Wake Up Signal etc for MTC and NB-IoT is treated jointly under this Agenda Item.

### 9.13.10 Enhancements to standalone Operation

### 9.13.11 PHR enhancements

### 9.13.12 Support for physical layer SR

### 9.13.13 NPRACH range

### 9.13.14 Other

E.g. UE Feedback, Measurement Accuracy Enhancements, NPRACH reliability, small cell support, Support for RLC-UM, other.

Access baring enhancement for NB-IoT is treated jointly with MTC under AI 9.14.5. Do not use this AI for any item that can be discussed jointly

## 9.14 Even further enhanced MTC for LTE

(LTE\_eMTC4-Core; leading WG: RAN1; REL-15; started: Mar. 17; target: Sep. 18: WID: RP-172811)

Time budget: 0 TU

This AI is for corrections to a WI that is complete from RAN2 point of view. Note the 36.331 CR has not yet been implemented to the specification and must be agreed again in RAN2#103.

Documents in this agenda item will be handled in a break out session

### 9.14.0 Agreed in principle CRs

### 9.14.1 Organisational

Including incoming LSs, rapporteur inputs, running CRs

### 9.14.2 Early data transmission

Early Data transmission for NB-IoT and MTC is treated jointly under this AI.

### 9.14.3 System acquisition time enhancements

System acquisition Enhancements for NB-IoT and MTC is treated jointly under this AI.

### 9.14.4 Relaxed monitoring for cell reselection

Relaxed monitoring for cell reselection for MTC is treated jointly with NB-IoT under AI 9.13.4. Do not use this AI for any item that can be discussed jointly.

### 9.14.5 Access/load control of idle mode UEs

### 9.14.6 Uplink HARQ-ACK feedback

### 9.14.7 Increased PDSCH spectral efficiency

### 9.14.8 Increased PUSCH spectral efficiency

### 9.14.9 Wake Up Signal

Wake Up Signal etc for MTC is treated jointly with NB-IoT under AI 9.13.9 Do not use this AI for any item that can be discussed jointly.

### 9.14.10 Other

Including higher UE velocity, lower UE power class, CRS muting, dense PRS configurations etc.

## 9.15 Highly Reliable Low Latency Communication for LTE

LTE\_HRLLC-Core; leading WG: RAN1; REL-15; started: Mar. 17; target: Sep. 18: WID: RP-181259

Time budget: 0 TU

This AI is for corrections to a WI that is complete from RAN2 point of view. Note the 36.331 CR has not yet been implemented to the specification and must be agreed again in RAN2#103.

Documents in this agenda item will be handled in a break out session

### 9.15.1 Organisational

Including incoming LSs, rapporteur inputs, running CRs

### 9.15.2 Packet Duplication

### 9.15.3 Other Priority Items

Other priority items for Rel-15 as identified in RAN plenary endorsed RP-180586

### 9.15.4 Provision of Time Reference

Provision of time reference is a second priority item for Rel-15 as identified in RAN plenary endorsed RP-180586

## 9.16 UL data compression in LTE

(LTE\_UDC-Core; leading WG: RAN2; Rel-15; started Sep 17; target: Sep 18; WID RP-180914)

Time budget: 0 TU

This AI is for corrections to a WI that is complete from RAN2 point of view. Note the 36.331 CR has not yet been implemented to the specification and must be agreed again in RAN2#103.

Documents in this agenda item will be handled in a break out session

## 9.17 Further enhancements to CoMP for LTE

(feCOMP\_LTE-Core; leading WG: RAN1; REL-15; started: Mar. 17; target: Sep. 18: WID: RP-180584)

Time budget: 0 TU

This AI is for corrections to a WI that is complete from RAN2 point of view. Note the 36.331 CR has not yet been implemented to the specification and must be agreed again in RAN2#103.

Documents in this agenda item will be handled in a break out session

## 9.18 Enhanced LTE Support for Aerial Vehicles

(LTE\_Aerial-Core;leading WG: RAN2; REL-15; started: Dec. 17; target: Sep. 18: WID:RP-181310)

Time budget: 0 TU

This AI is for corrections to a WI that is complete from RAN2 point of view. Note the 36.331 CR has not yet been implemented to the specification and must be agreed again in RAN2#103.

Documents in this agenda item will be handled in a break out session

### 9.14.1 Organisational

Including incoming LSs, rapporteur inputs, running CRs

### 9.18.2 Subscription based identification

### 9.18.3 Mobility enhancement for connected mode

### 9.18.4 Airborne status/interference detection and indication

### 9.18.5 Others

## 9.19 Bluetooth/WLAN measurement collection in MDT

 (LTE\_MDT\_BT\_WLAN-Core; leading WG: RAN2; REL-15; started: Dec. 17; target: Sep. 18: WID: [RP-180306](file:///C%3A%5CData%5C3GPP%5CTSGR%5CTSGR_78%5Cdocs%5CRP-172820.zip))

Time budget: 0 TU

This AI is for corrections to a WI that is complete from RAN2 point of view. Note the 36.331 CR has not yet been implemented to the specification and must be agreed again in RAN2#103.

Documents in this agenda item will be handled in a break out session

## 9.20 Increased number of E-UTRAN data bearers

(INOBEAR-Core; leading WG: RAN2; REL-15; started: Dec. 17; target: Sep. 18: WID: RP-180569)

Time budget: 0 TU

This AI is for corrections to a WI that is complete from RAN2 point of view. Note the 36.331 CR has not yet been implemented to the specification and must be agreed again in RAN2#103.

Documents in this agenda item will be handled in a break out session

## 9.21 Other LTE Rel-15 WIs

This agenda item may be used for documents relating to Rel-15 WIs with no allocated RAN2 time but which might have minor RAN2 impact (e.g. CT/SA WIs for which we have received an LS requesting RAN2 action)

Documents in this agenda item will be handled in a break out session

## 9.22 LTE TEI15 enhancements

Small Technical Enhancements affecting LTE Rel-15 that do not belong to any Rel-15 WI.

Note: A TEI enhancement proposal should be treated for only one meeting cycle and involve only one WG. Otherwise, a WI should be proposed at RAN plenary!

Time budget: 1 TU

Documents in this agenda item will be handled in a break out session

## 9.23 LTE Rel-15 ASN.1 review

### 9.23.1 Rapporteur inputs

ASN.1 review documents, plus any other rapporteur inputs related to ASN.1 review. No company contributions should be submitted to this agenda item.

### 9.23.2 ASN.1 issue documents not related to a specific WI

Draft CRs or discussion documents related to issues identified in the ASN.1 review should be submitted to the appropriate agenda item. Only documents addressing general issues should be submitted here. In all cases the issue number from the issue list must be included in the title of draft CR or discussion document.

# 10 WI: New Radio (NR) Access Technology

(NR\_newRAT-Core; leading WG: RAN1; REL-15; started: Mar. 17; target: Dec. 18: WID: [RP-181474](file:///C%3A%5CData%5C3GPP%5CRAN%5CDocs%5CRP-181474.zip))

## 10.1 Organisational

Incoming LSs, work plan, status from other groups, etc.

## 10.2 Stage 2 and common UP/CP aspects

### 10.2.0 Agreed in principle CRs

### 10.2.1 Stage 2 TSs

TS 38.300, TS 37.340 rapporteur inputs. Please submit proposed corrections to the appropriate agenda item.

### 10.2.2 Stage 2 corrections for EN-DC

No documents should be submitted to 10.2.2. Please submit to 10.2.2.x.

#### 10.2.2.1 User plane

Corrections to 38.300 or 37.340 for EN-DC (early drop) related to user plane, and common UP/CP aspects (i.e. that should be discussed with both user plane control plane people present) including LTE CA duplication for EN-DC which user plane session at RAN2 AH1807 identified should be discussed in common session.

As requested during the ad hoc meeting, stage 2 description improvements should be discussed with the specification rapporteur before submission to the meeting - the aim is reduce the required discussion time in the meeting.

#### 10.2.2.2 Other

Corrections to 38.300 or 37.340 for EN-DC (early drop) other than those that fall into 10.2.2.2

As requested during the ad hoc meeting, stage 2 description improvements should be discussed with the specification rapporteur before submission to the meeting - the aim is reduce the required discussion time in the meeting.

### 10.2.3 Stage 2 corrections for Standalone

Corrections to 38.300 or 37.340 for Standalone and any EN-DC related aspects added in June 18.

As requested during the ad hoc meeting, stage 2 description improvements should be discussed with the specification rapporteur before submission to the meeting - the aim is reduce the required discussion time in the meeting.

### 10.2.4 Positioning

Corrections to both the stage 2 and stage 3 aspects related to positioning.

### 10.2.5 Other

Other stage 2 aspects.

Including contribution related to SA5 work on L2 measurements.

RAN#80 agreed the Rel-16 work programme. Do not submit any documents that fall within the scope of the Rel-16 WIs.

## 10.3 Stage 3 user plane

Documents in this agenda item will be handled in the NR user plane break out session

### 10.3.1 MAC

#### 10.3.1.0 Agreed in principle CRs

#### 10.3.1.1 TS

Rapporteur inputs, etc

Editorial and small corrections/clarifications should be provided to the rapporteur. Single rapporteur TP is encouraged for editorials and clarifications.

#### 10.3.1.2 MAC general aspects

Corrections related to BWP and SUL general issues.

#### 10.3.1.3 MAC PDU format

Corrections related to MAC PDU and MAC CE formats

#### 10.3.1.4 Random access

##### 10.3.1.4.1 Differentiation of RA parameters

Focus on stage 3 details on prioritized RACH procedures. Idle mode prioritized RACH is out-of-scope of Rel-15.

##### 10.3.1.4.2 Random access in presence of multi-beam operation

*Corrections/critical issues related to random access in presence of multi-beam operation, beam failure recovery.*

##### 10.3.1.4.3 Random access procedures

Corrections/critical issues related to general random access procedure

#### 10.3.1.5 SR

Corrections/critical issues related to SR

#### 10.3.1.6 BSR

Corrections/critical issues related to BSR

#### 10.3.1.7 LCP

Corrections/critical issues related to LCP

#### 10.3.1.8 SPS/Grant-free

Corrections/critical issues related to Configured grant and SPS

#### 10.3.1.9 HARQ

Corrections/critical issues related to HARQ

#### 10.3.1.10 DRX

Corrections/critical issues related to DRX

#### 10.3.1.11 Impact of PDCP duplication on MAC

MAC CE for activation/deactivation of PDCP duplication

Aspects related to fallback to split bearer and handling of RLC/PDCP entities during activation/deactivation should be submitted in AI 10.3.3.5

#### 10.3.1.12 PHR

Corrections/critical corrections related to PHR

#### 10.3.1.13 Other

Other corrections on topics not included in the detailed agenda items.

### 10.3.2 RLC

#### 10.3.2.1 TS

Rapporteur inputs, etc

Editorial and small corrections/clarifications should be provided to the rapporteur. Single rapporteur TP is encouraged for editorials and clarifications.

#### 10.3.2.2 RLC header format

Corrections related to RLC header format

#### 10.3.2.3 Impact of PDCP duplication to RLC

#### 10.3.2.4 Other

### 10.3.3 PDCP

#### 10.3.3.0 Agreed in principle CRs

#### 10.3.3.1 TS

Rapporteur inputs, etc

Editorial and small corrections/clarifications should be provided to the rapporteur. Single rapporteur TP is encouraged for editorials and clarifications.

#### 10.3.3.2PDCP PDU formats

Corrections/critical issues related to PDCP PDU formats

#### 10.3.3.3 PDCP duplication

Impacts of PDCP duplication for DRBs and SRBs

#### 10.3.3.4 Other

Corrections/critical issues related to PDCP

### 10.3.4 SDAP

#### 10.3.4.1 TS

Rapporteur inputs, etc

#### 10.3.4.2 Header Format

Corrections related of header format

#### 10.3.4.3 QoS flow remapping and handover

How to ensure in-order delivery for UL in case of QoS flow remapping

#### 10.3.4.4 Others

*Other remaining issues*

## 10.4 Stage 3 control plane

### 10.4.1 NR RRC

#### 10.4.1.1 TS

38.331 rapporteur inputs.

###### 10.4.1.3 Connection control procedures

No documents should be submitted to 10.4.1.3. Please submit to 10.4.1.3.x.

###### 10.4.1.3.1 Corrections to connection control for EN-DC (early drop)

Corrections related to connection control procedures for EN-DC

###### 10.4.1.3.1.1 Corrections to L1 Parameters

Including output of email discussion [AH1807#13][NR] Power class signalling (Ericsson)

###### 10.4.1.3.1.2 Other

##### 10.4.1.3.3 Connection establishment procedure

Access control and establishment cause are discussed in the access control agenda items 10.4.1.8.x

##### 10.4.1.3.4 Connection reconfiguration procedure

Including corrections related to handover (i.e. reconfig with sync)

##### 10.4.1.3.5 Connection re-establishment procedure

##### 10.4.1.3.6 Connection resume procedure

Including success, reject, fallback to connection establishment, and release to idle cases.

##### 10.4.1.3.7 Connection release procedure

Including release from connected to inactive and connected to inactive.

##### 10.4.1.3.8 Security procedures

Including initial security activation and counter check procedure.

##### 10.4.1.3.9 Inactive

Including aspects of inactive not addressed by the AI 10.4.1.3.6 on the resume procedure

##### Including the confirmation, or otherwise, of the working assumption from RAN2 NR AH1907 on behaviour of a UE in Inactive going out of service.10.4.1.3.10 Other

Including corrections related to RLM/RLF

Including output of email discussion [AH1807#11][NR] Default and specified configurations (DOCOMO)

#### 10.4.1.4 RRM measurements

No documents should be submitted to 10.4.1.4. Please submit to 10.4.1.4.x.

##### 10.4.1.4.1 Corrections to RRM for EN-DC (early drop)

Corrections related to RRM measurement and measurement reporting for EN-DC

##### 10.4.1.4.2 Measurement gaps for EN-DC (early drop)

Corrections related to measurement gaps for EN-DC

##### 10.4.1.4.3 Measurement gaps for non EN-DC

##### 10.4.1.4.4 Inter-RAT measurements

Inter-RAT E-UTRA measurements for the purpose of inter-RAT handover from NR to E-UTRA

##### 10.4.1.4.5 ANR

All cases of ANR (i.e. inter-RAT ANR from E-UTRA, inter-RAT ANR from NR, and intra-RAT ANR within NR) and hence both 36.331 and 38.331 impacts should be discussed in this agenda item.

##### 10.4.1.4.6 Other

Other RRM related corrections

#### 10.4.1.6 System information

No documents should be submitted to 10.4.1.6. Please submit to 10.4.1.6.x.

##### 10.4.1.6.1 System information content/structure

Corrections to broadcast parameters required for idle mobility should be discussed in 10.4.5.x

Including output of email discussion [AH1807#12][NR] Additional spectrum emission and Pmax CR (Ericsson)

##### 10.4.1.6.2 System information procedures

Corrections to SI procedures including stored SI, SI modification, SI scheduling, stored SI, etc but not including on demand SI.

##### 10.4.1.6.3 On demand system information

##### 10.4.1.6.4 System information reception in connected mode

##### 10.4.1.6.5 System information - other

#### 10.4.1.8 Access control

No documents should be submitted to 10.4.1.8. Please submit to 10.4.1.8.x.

##### 10.4.1.8.0 Access control email discussion

Output of email discussion [AH1807#10][NR] Access Control (Ericsson). Any company contributions related to the aspects covered by this email discussion should be submitted to the appropriate AI 10.4.1.8.2-4

##### 10.4.1.8.1 Access control information

Corrections to the coding of access control information. As agreed at RAN2 AH1807 further optimisations of the coding will not be discussed.

##### 10.4.1.8.2 Access control for AS triggered events in Inactive

##### 10.4.1.8.3 Establishment causes

##### 10.4.1.8.4 Other

#### 10.4.1.9 Inter-Node RRC messages

No documents should be submitted to 10.4.1.9. Please submit to 10.4.1.9.x.

##### 10.4.1.9.1 Inter-Node RRC messages for EN-DC

##### 10.4.1.9.2 Inter-Node RRC messages for standalone operation

#### 10.4.1.10 Other (non EN-DC)

Other RRC related corrections

### 10.4.2 LTE changes related to NR

No documents should be submitted to 10.4.2. Please submit to 10.4.2.x.

#### 10.4.2.1 Corrections to RRM measurements for EN-DC

Corrections to 36.331 related to RRM procedures for EN-DC.

#### 10.4.2.2 Corrections to other EN-DC aspects

Corrections to 36.331 related to EN-DC procedures other than RRM.

#### 10.4.2.3 Inter-RAT Handover

Stage 3 details of inter-RAT handover. Both 36.331 and 38.331 impacts of both inter-RAT HO from NR to LTE and from LTE to NR should be discussed in this AI. Idle mobility from LTE to NR should be discussed in 10.4.5.7

#### 10.4.2.4 Others changes for NR SA and EN-DC (post early freeze)

Including IDC for EN-DC, and handling SCG failure with split SRB

### 10.4.3 ASN.1 review

No documents should be submitted to 10.4.3. Please submit to 10.4.3.x

#### 10.4.3.1 Rapporteur inputs

ASN.1 review documents, plus any other rapporteur inputs related to ASN.1 review. No company contributions should be submitted to this agenda item.

#### 10.4.3.2 ASN.1 issue documents

Draft CRs or discussion documents related to issues identified in the ASN.1 review should be submitted to the appropriate agenda item. Only documents addressing general issues should be submitted here. In all cases the issue number from the issue list must be included in the title of draft CR or discussion document.

### 10.4.4 UE capabilities

No documents should be submitted to 10.4.4. Please submit to 10.4.4.x.

#### 10.4.4.0 Agreed in principle CRs

#### 10.4.4.1 TS

38.306 rapporteur inputs, etc

Including output of email discussion [AH1807#14][NR] 38.306 clean up (Intel)

#### 10.4.4.2 Corrections to UE capabilities for EN-DC

Including output of email discussion [AH1807#16][NR] UE capability constraints (H/w)

#### 10.4.4.3 UE capabilities for standalone

Including output of email discussion [AH1807#15][NR] RAN2 feature list for SA and EN-DC (Intel)

#### 10.4.4.4 Temporary capability restriction

Maximum 1 tdoc per company

#### 10.4.4.5 Other aspects for non EN-DC

Any other aspect related to UE capabilities relevant for non EN-DC cases

### 10.4.5 Idle/inactive mode procedures

This AI addresses the idle and inactive behaviour specified in 38.304 or 36.304. Other aspects related to inactive (e.g. state transitions or other behaviour triggered by cell reselection, out of coverage, etc) are covered under RRC agenda items (10.4.1.x)

#### 10.4.5.1 TS

Rapporteur inputs.

#### 10.4.5.2 Cell selection/reselection

Corrections to criteria and rules for cell selection and reselection

Including output of email discussion [AH1807#17][NR] Cell reselection priorities (OPPO)

#### 10.4.5.3 Idle/inactive paging

Corrections to paging

#### 10.4.5.4 Idle mobility from LTE to NR

Corrections to LTE TS 36.304 on idle mobility from LTE to NR.

## 10.5 Late Drop

### 10.5.1 NG-EN DC, NE-DC and NR-NR DC common aspects

Stage 2 aspects that are common to NG-EN-DC and NE-DC. Some aspects may also be common to NR-NR DC

### 10.5.2 NG-EN DC

Stage 2 aspects specific to NG-EN-DC

### 10.5.3 NE-DC

Stage 2 aspects specific to NE-DC

### 10.5.4 NR-NR-DC

Stage 2 aspects specific to NE-DC

# 11 Rel-15 NR Study Items

## 11.1 Study on Integrated Access and Backhaul for NR

(FS\_NR\_IAB; leading WG: RAN2; REL-15; started: Mar. 17; target: Dec. 18: SID: [RP-181349](file:///C%3A%5CData%5C3GPP%5CExtracts%5CRP-181349_revision_of_IAB_SID.doc))

Documents in this agenda item will be handled in a break out session

### 11.1.1 Organisational

Including incoming LSs, draft TS, rapporteur inputs, etc

### 11.1.2 User plane aspects

Including consideration of adaptation layer, multi-hop RLC ARQ, scheduler and QoS impacts

Including output of emai*l* discussion [AH1807#19][IAB] IAB Flow Control and Congestion Handling (LG)

### 11.1.3 Control plane aspects

Including consideration of control plane protocol stack and control plane procedures (e.g. topology management, route management, etc)

### 11.1.4 Other

## 11.2 Study on NR-based Access to Unlicensed Spectrum

(FS\_NR\_unlic; leading WG: RAN1; REL-15; started: Mar. 17; target: Jun. 18: SID RP-181339)

Documents in this agenda item will be handled in a break out session

### 11.2.1 User plane

#### 11.2.1.2 MAC

MAC impacts other than RACH

#### 11.2.1.1 RACH

Including RACH 4-step, RACH 2-step

#### 11.2.1.3 Other

User plane impacts other than MAC

### 11.2.2 Control plane

#### 11.2.2.1 Inactive and Idle mode

Impacts to 38.304: mobility, paging in idle and inactive modes,

#### 11.2.2.2 Connected mode and RRC

impact to 36.331: RLM/RLF, mobility in connected mode.

#### 11.2.2.3 Other

### 11.2.3 Other

Including general topics covering both CP and UP, organisational

## 11.3 Study Item on Self Evaluation towards IMT-2020 submission

(FS\_5G\_eval; leading WG: RAN; REL-15; started: Mar. 17; target: Jun. 18: SID: RP-171451)

This agenda item is for submission of any contributions related to the RAN2 aspects of the self-evaluation for the IMT-2020 submission. The discussion related to these contributions will be progressed offline with the aim to endorse the outcome during a brief online session at RAN2#103.

# 12 Comebacks

This agenda item will be used during the meeting. No documents are supposed to be submitted by delegates.

## 12.1 Breakout sessions

### 12.1.1 Report from Break-Out session

Report from session on Rel-14 and Rel-15 LTE and NR idle/inactive mobility

R2-18xxxxx Report from Break-Out Session, Vice-Chair (CMCC)

* CBF: Report from LTE Break-Out Session, Vice-Chair (CMCC)

### 12.1.2 Report from Break-Out session

Report from session on NR UP, IAB SI, NR-U SI

R2-18xxxxx Report from Break-Out Session, Vice-Chair (MediaTek)

* CBF: Report from LTE Break-Out Session, Vice-Chair (MediaTek)

### 12.1.3 Report from Break-Out session

Report from session on NB-IoT

R2-18xxxxx Report from Break-Out Session, Session Chair (Huawei)

* CBF: Report from LTE Break-Out Session, Session Chair (Huawei)

### 12.1.4 Report from Break-Out session

Report from session on MTC

R2-18xxxxx Report from Break-Out Session, Session Chair (Ericsson)

* CBF: Report from LTE Break-Out Session, Session Chair (Ericsson)

### 12.1.5 Report from Break-Out session

Report from session on Legacy LTE and Inobear WI

R2-18xxxxx Report from Break-Out Session, Session Chair (InterDigital)

* CBF: Report from LTE Break-Out Session, Session Chair (InterDigital)

### 12.1.6 Report from Break-Out session

Report from session on Rel-15 Positioning WI

R2-17xxxxx Report from Break-Out Session, Session Chair (Huawei)

* CBF: Report from LTE Break-Out Session, Session Chair (Huawei)

### 12.1.7 Report from Break-Out session

Report from session on Rel-15 V2X WI

R2-18xxxxx Report from Break-Out Session, Session Chair (Intel)

* CBF: Report from LTE Break-Out Session, Session Chair (Intel)

## 12.2 Main session

This section contains a temporary list of comebacks (press F9 to update while the cursor is inside the list).

# 13 Outgoing LSs

Draft LSs should be submitted to their corresponding agenda item if there is one. If there is no appropriate agenda item, draft LSs, and any association discussion documents, may be submitted to this agenda item.

# 14 Any other business

# 15 Closing of the meeting (17:00)