3GPP TSG-RAN WG3 #115-e R3-222470

**E-meeting, 21st February – 3rd March 2022**

Source: CATT (moderator)

**Title:** **CB: # 1\_NRUDC**

Agenda Item: 8.1

Document for: Approval

# Introduction

**CB: # MBS1\_General**

**- Endorse BL CRs if agreeable**

**- Check updates proposed in** [**R3-222160**](file:///C%3A%5CUsers%5Cliuaijuan%5CAppData%5CLocal%5CTemp%5C360zip%24Temp%5C360%245%5CInbox%5CR3-222160.zip)

(CATT - moderator)

The deadline for the discussion is 10:00 UTC on 23rd February (Wednesday)

# For the Chairman’s Notes

TBD.

# Discussion

## Endorsed BLCR

There is a set of previously endorsed baseline CRs resubmission in [1] to [10]. It is needed to endorse them.

**Proposal 1: Endorse the previous endorsed baseline CRs in [1] to [10].**

Please provide your comments for the proposal in the table, if any.

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| --- | --- |
| Company | Comment |
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## Check the update

In [11], there is Rapporteur clean-up for TS 38.401 BL CR which aimed to remove the editor’s notes.

### 3.2.1 Editor’s notes in section 6.1.x

In section 6.1.x Overall Architecture of NR MBS, there are several Editor’s Notes：

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| 1. Editor’s Note: Applicability of specified cardinalities may need to be revisited.
2. Editor’s Note: It is FFS whether the F1-U tunnel for the PTM transmission is established per DU or per cell. The definition and usage of the term “PTM” is FFS. Also, the definition of the term “MBS radio bearer” is FFS.
3. Editor’s Note: for the split MBS radio bearer with common PDCP, the statement may be re-visited after further progress in RAN2 and RAN3 on the data re-transmission and forwarding.
4. Editor’s Note: existing NR user plane protocol functions need to be reviewed for their applicability for MBS.
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The proposal in [11] is to **remove the Editor’s Notes in section 6.1.x, and use abbreviation MRB (MBS Radio Bearer) to replace the “MBS radio bearer”.**

Please provide your views on above proposal

| Company | Agree or not | Comments |
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### 3.2.2 Editor’s note in section 6.4

In section 6.4 “UE associations in NG-RAN Node”, there is an Editor’s Note as follows:

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| For multicast, for each MRB, the MBR specific Uu configuration is incorporated into each UE’s individual CellGroupConfig, and the gNB-DU provides such information to the gNB-CU to configure the UE.Editor’s Note: The statement above concerning the incorporation of the MBR specific Uu configuration into the RRC *CellGroupConfig* IE needs to be checked against respective RAN2 decisions. |

In [11],it is stated that based on current 38.331 running CR, this statement is fine for multicast and it is needed to remove this Editor’s Note.

Please provide your views on the removal of the above editor’s notes

| Company | Agree or not | Comments |
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### 3.2.3 Editor’s note in section 7.x.1

In Section 7.X.1 “Support of dynamic PTP and PTM switching”, there is an Editor’s Note as follows:

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| 7.X.1 Support of dynamic PTP and PTM switchingNG-RAN supports dynamic switch between PTP and PTM for MBS as specified in TS 38.300 [2].In case of split gNB architecture, for a split MRB bearer with common PDCP, upon receiving the MBS data from the gNB-CU via a shared F1-U tunnel, the gNB-DU makes decision of using PTP (RLC leg) or PTM (RLC leg).Editor’s note: The above paragraph would be re-visited after there is conclusion on flow control mechanism for shared F1-U tunnel. |

In [11],it is proposed to remove the above editor’s notes based on the latest progress.

Please provide your views on the removal of the above editor’s notes

| Company | Agree or not | Comments |
| --- | --- | --- |
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# Conclusion, recommendations [if needed]

# Reference

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| --- | --- | --- | --- |
| [1](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_115-e%5CDocs%5CR3-221502.zip) | [R3-221502](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_115-e%5CDocs%5CR3-221502.zip) | Introduction of MBS(BL CR for 38.463) (CATT) | CR0559r6, TS 38.463 v16.8.0, Rel-17, Cat. B |
| [2](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_115-e%5CDocs%5CR3-221503.zip) | [R3-221503](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_115-e%5CDocs%5CR3-221503.zip) | Introduction of NR MBS (Lenovo, Motorola mobility) | CR0071r7, TS 38.470 v16.5.0, Rel-17, Cat. B |
| [3](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_115-e%5CDocs%5CR3-221506.zip) | [R3-221506](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_115-e%5CDocs%5CR3-221506.zip) | Introduction of NR MBS (Samsung R&D Institute UK) | CR0716r5, TS 38.473 v16.8.0, Rel-17, Cat. B |
| [4](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_115-e%5CDocs%5CR3-221507.zip) | [R3-221507](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_115-e%5CDocs%5CR3-221507.zip) | Introduction of NR MBS (LG Electronics) | CR0047r5, TS 38.460 v16.4.0, Rel-17, Cat. B |
| [5](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_115-e%5CDocs%5CR3-221521.zip) | [R3-221521](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_115-e%5CDocs%5CR3-221521.zip) | Introduction of NR MBS (Huawei, CMCC) | CR0153r12, TS 38.401 v16.8.0, Rel-17, Cat. B |
| [6](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_115-e%5CDocs%5CR3-221522.zip) | [R3-221522](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_115-e%5CDocs%5CR3-221522.zip) | BL CR for NR MBS for 38.413 (Qualcomm Incorporated, Huawei) | CR0548r6, TS 38.413 v16.8.0, Rel-17, Cat. B |
| [7](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_115-e%5CDocs%5CR3-221523.zip) | [R3-221523](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_115-e%5CDocs%5CR3-221523.zip) | Introduction of NR Multicast and Broadcast Services (Ericsson) | CR0491r8, TS 38.423 v16.8.0, Rel-17, Cat. B |
| [8](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_115-e%5CDocs%5CR3-221525.zip) | [R3-221525](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_115-e%5CDocs%5CR3-221525.zip) | BL CR to TS38.420 (CMCC) | CR0022r3, TS 38.420 v16.0.0, Rel-17, Cat. B |
| [9](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_115-e%5CDocs%5CR3-221556.zip) | [R3-221556](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_115-e%5CDocs%5CR3-221556.zip) | Introduction of NR MBS (Nokia, Nokia Shanghai Bell) | draftCR |
| [10](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_115-e%5CDocs%5CR3-221557.zip) | [R3-221557](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_115-e%5CDocs%5CR3-221557.zip) | MBS BL CR for TS38.410 (ZTE) | CR0030r10, TS 38.410 v16.4.0, Rel-17, Cat. B |
| [11](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_115-e%5CDocs%5CR3-222160.zip) | [R3-222160](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_115-e%5CDocs%5CR3-222160.zip) | Rapporteur clean-up for TS 38.401 BL CR (Huawei) | other |