**3GPP T****SG-RAN WG3 Meeting #107bis-e R3-202461**

**Online, 20th - 30th April 2020**

Agenda Item: 10.1

Source: CMCC

Title: Summary of offline discussion on SON and MDT BLCRs

Document for: Approval

# Introduction

**CB: # 1000\_Email\_SON-MDT\_BLs**

**- endorse work plan**

**- Endorse all BL CRs**

**- check details, revise if needed**

**- expect discussions only to ensure correctness of BL CRs, no new proposals (in this discussion)**

(CMCC - moderator)

Summary of offline discussion [R3-202461](file:///D%3A%5CCMRI%20work%5C2020%20projects%5C3GPP%5CRAN3%20%23107bis%5Cemail%20discussion%5CCB%20%23%201000%20Email_BLCR%5CInbox%5CR3-202461.zip)

# For the Chairman’s Notes

1. **Propose to endorse the following BLCRs:**

R3-201528,**endorsed as BL CR**

R3-201555,**endorsed as BL CR**

R3-201556, **endorsed as BL CR**

R3-201557, **endorsed as BL CR**

R3-201558, **endorsed as BL CR**

R3-201566, **endorsed as BL CR**

R3-201569, **endorsed as BL CR**

R3-201574, **endorsed as BL CR**

R3-201608, **endorsed as BL CR**

R3-201609, **endorsed as BL CR**

R3-201610, **endorsed as BL CR**

R3-201611, **endorsed as BL CR**

R3-201612, **endorsed as BL CR**

R3-201613, **endorsed as BL CR**

R3-201614, **endorsed as BL CR**

R3-201615, **endorsed as BL CR**

R3-201616, **endorsed as BL CR**

R3-201617, **endorsed as BL CR**

R3-201618, **endorsed as BL CR**

R3-201619, **endorsed as BL CR**

1. **Propose to agree the reply LS to SA5 in R3-202627**
2. **Propose to capture the following in the minutes,**

**Add the missing *Registration Request* IE in tabular (9.2.1.X1) at next update for SON E1 BLCR.**

# Discussion

The papers in agenda item 10.1 can be divided into the following 2 groups:

* BL CRs that have been reviewed via the reflector before the E-meeting
* LS received from SA5 on the status update of SON/MDT WI

## BLCRs

The following BL CRs captured the agreed TPs from RAN3 #107-e meeting, which are rebased on the latest Rel-16 specs and reviewed through the reflector, so it is assumed these BL CRs are easy agreeable.

|  |  |  |
| --- | --- | --- |
| [R3-201528](file:///D%3A%5CCMRI%20work%5C2020%20projects%5C3GPP%5CRAN3%20%23107bis%5Cemail%20discussion%5CCB%20%23%201000%20Email_BLCR%5CDocs%5CR3-201528.zip) | Addition of SON feature (Huawei) | draftCRr, TS 36.300 v16.1.0, Rel-16, Cat. B |
| [R3-201555](file:///D%3A%5CCMRI%20work%5C2020%20projects%5C3GPP%5CRAN3%20%23107bis%5Cemail%20discussion%5CCB%20%23%201000%20Email_BLCR%5CDocs%5CR3-201555.zip) | BLCR to 38.420: Addition of MDT feature (CMCC) | CR0018r1, TS 38.420 v15.2.0, Rel-16, Cat. B |
| [R3-201556](file:///D%3A%5CCMRI%20work%5C2020%20projects%5C3GPP%5CRAN3%20%23107bis%5Cemail%20discussion%5CCB%20%23%201000%20Email_BLCR%5CDocs%5CR3-201556.zip) | BLCR to 38.420: Addition of SON feature (CMCC) | CR0019r1, TS 38.420 v15.2.0, Rel-16, Cat. B |
| [R3-201557](file:///D%3A%5CCMRI%20work%5C2020%20projects%5C3GPP%5CRAN3%20%23107bis%5Cemail%20discussion%5CCB%20%23%201000%20Email_BLCR%5CDocs%5CR3-201557.zip) | BLCR to 38.470: Addition of SON feature (CMCC) | CR0064r1, TS 38.470 v16.1.0, Rel-16, Cat. B |
| [R3-201558](file:///D%3A%5CCMRI%20work%5C2020%20projects%5C3GPP%5CRAN3%20%23107bis%5Cemail%20discussion%5CCB%20%23%201000%20Email_BLCR%5CDocs%5CR3-201558.zip) | BLCR to 38.460: Addition of SON feature (CMCC) | CR0031r1, TS 38.460 v16.0.0, Rel-16, Cat. B |
| [R3-201566](file:///D%3A%5CCMRI%20work%5C2020%20projects%5C3GPP%5CRAN3%20%23107bis%5Cemail%20discussion%5CCB%20%23%201000%20Email_BLCR%5CDocs%5CR3-201566.zip) | MDT support for EN-DC (Huawei) | CR1747r2, TS 36.413 v16.1.0, Rel-16, Cat. B |
| [R3-201569](file:///D%3A%5CCMRI%20work%5C2020%20projects%5C3GPP%5CRAN3%20%23107bis%5Cemail%20discussion%5CCB%20%23%201000%20Email_BLCR%5CDocs%5CR3-201569.zip) | Addition of RACH Optimization Feature (CMCC, Huawei) | CR0116r2, TS 38.401 v16.1.0, Rel-16, Cat. B |
| [R3-201574](file:///D%3A%5CCMRI%20work%5C2020%20projects%5C3GPP%5CRAN3%20%23107bis%5Cemail%20discussion%5CCB%20%23%201000%20Email_BLCR%5CDocs%5CR3-201574.zip) | MDT support for EN-DC (Huawei, SAMSUNG) | CR1440r3, TS 36.423 v16.1.0, Rel-16, Cat. B |
| [R3-201608](file:///D%3A%5CCMRI%20work%5C2020%20projects%5C3GPP%5CRAN3%20%23107bis%5Cemail%20discussion%5CCB%20%23%201000%20Email_BLCR%5CDocs%5CR3-201608.zip) | Addition of SON features (Huawei) | CR1710r8, TS 36.413 v16.1.0, Rel-16, Cat. B |
| [R3-201609](file:///D%3A%5CCMRI%20work%5C2020%20projects%5C3GPP%5CRAN3%20%23107bis%5Cemail%20discussion%5CCB%20%23%201000%20Email_BLCR%5CDocs%5CR3-201609.zip) | Addition of SON feature (CATT) | CR1373r9, TS 36.423 v16.1.0, Rel-16, Cat. B |
| [R3-201610](file:///D%3A%5CCMRI%20work%5C2020%20projects%5C3GPP%5CRAN3%20%23107bis%5Cemail%20discussion%5CCB%20%23%201000%20Email_BLCR%5CDocs%5CR3-201610.zip) | Addition of SON features (CMCC, Huawei) | draftCRr, TS 38.300 v16.1.0, Rel-16, Cat. B |
| [R3-201611](file:///D%3A%5CCMRI%20work%5C2020%20projects%5C3GPP%5CRAN3%20%23107bis%5Cemail%20discussion%5CCB%20%23%201000%20Email_BLCR%5CDocs%5CR3-201611.zip) | Addition of MDT features (Samsung) | CR0099r4, TS 38.401 v16.1.0, Rel-16, Cat. B |
| [R3-201612](file:///D%3A%5CCMRI%20work%5C2020%20projects%5C3GPP%5CRAN3%20%23107bis%5Cemail%20discussion%5CCB%20%23%201000%20Email_BLCR%5CDocs%5CR3-201612.zip) | Addition of SON features (Huawei) | CR0237r7, TS 38.413 v16.1.0, Rel-16, Cat. B |
| [R3-201613](file:///D%3A%5CCMRI%20work%5C2020%20projects%5C3GPP%5CRAN3%20%23107bis%5Cemail%20discussion%5CCB%20%23%201000%20Email_BLCR%5CDocs%5CR3-201613.zip) | Addition of MDT feature (Huawei) | CR0280r5, TS 38.413 v16.1.0, Rel-16, Cat. B |
| [R3-201614](file:///D%3A%5CCMRI%20work%5C2020%20projects%5C3GPP%5CRAN3%20%23107bis%5Cemail%20discussion%5CCB%20%23%201000%20Email_BLCR%5CDocs%5CR3-201614.zip) | Addition of SON features (Samsung) | CR0221r9, TS 38.423 v16.1.0, Rel-16, Cat. B |
| [R3-201615](file:///D%3A%5CCMRI%20work%5C2020%20projects%5C3GPP%5CRAN3%20%23107bis%5Cemail%20discussion%5CCB%20%23%201000%20Email_BLCR%5CDocs%5CR3-201615.zip) | MDT Configuration support for XnAP (Ericsson) | CR0291r7, TS 38.423 v16.1.0, Rel-16, Cat. B |
| [R3-201616](file:///D%3A%5CCMRI%20work%5C2020%20projects%5C3GPP%5CRAN3%20%23107bis%5Cemail%20discussion%5CCB%20%23%201000%20Email_BLCR%5CDocs%5CR3-201616.zip) | Addition of SON features (Ericsson) | CR0142r9, TS 38.463 v16.1.0, Rel-16, Cat. B |
| [R3-201617](file:///D%3A%5CCMRI%20work%5C2020%20projects%5C3GPP%5CRAN3%20%23107bis%5Cemail%20discussion%5CCB%20%23%201000%20Email_BLCR%5CDocs%5CR3-201617.zip) | Addition of MDT features (ZTE) | CR0477r3, TS 38.463 v16.1.0, Rel-16, Cat. B |
| [R3-201618](file:///D%3A%5CCMRI%20work%5C2020%20projects%5C3GPP%5CRAN3%20%23107bis%5Cemail%20discussion%5CCB%20%23%201000%20Email_BLCR%5CDocs%5CR3-201618.zip) | Addition of SON features (Huawei) | CR0441r9, TS 38.473 v16.1.0, Rel-16, Cat. B |
| [R3-201619](file:///D%3A%5CCMRI%20work%5C2020%20projects%5C3GPP%5CRAN3%20%23107bis%5Cemail%20discussion%5CCB%20%23%201000%20Email_BLCR%5CDocs%5CR3-201619.zip) | Addition of MDT features (Samsung) | CR0492r4, TS 38.473 v16.1.0, Rel-16, Cat. B |

**Proposal 1: Endorse the above BLCRs**

In case you still have some comments, please indicate it in the table. Further discussion if needed on the email reflector is preferred.

|  |  |
| --- | --- |
| Company | Comment |
| Ericsson | In R3-201574 the following sentence specifies the sender’s behavior and should be removed as not in line with Stage 3 descriptions:*The MeNB shall, if supported and available in the UE context, include the Management Based MDT Allowed IE and the Management Based MDT PLMN List IE in the SGNB ADDITION REQUEST message.*In R3-201574 apply the following editorial correction:*The gNB-CU may forward a limited set of neighbour cell’s PRACH configurations receiving received from neighbour gNB-CU to the gNB-DU to resolve the configuration conflict.* |
| ZTE | In R3-201616, the *Registration Request* IE is missing from tabular (9.2.1.X1). |
| Nokia | We would like to support the proposal to endorse the BL CR, and handle the mentioned updates per TP. |

## LS from SA5

We received a LS from SA5 on the status update of SON support for NR. Note that there is no paper of for the reply submitted to RAN3 #107bis-e meeting, we have the following two options to handle this,

* Defer the reply LS to next meeting
* Work out a reply LS as output of the email discussion

Considering the reply LS is not complex, it can be worked out during the email discussion. A draft LS is provided in the inbox.

|  |  |  |
| --- | --- | --- |
| [R3-201520](file:///D%3A%5CCMRI%20work%5C2020%20projects%5C3GPP%5CRAN3%20%23107bis%5Cemail%20discussion%5CCB%20%23%201000%20Email_BLCR%5CDocs%5CR3-201520.zip) | LS on the status update of the SON support for NR works (3GPP SA5, Intel) | LS inMove to 10.1 |

**Proposal 2: Approval of the reply LS to SA5**

Any comments on the reply LS, please indicate in the table.

|  |  |
| --- | --- |
| Company | Comment |
| Ericsson | It could be ok |
| ZTE | Agree the draft to reply LS to SA5. |
| Nokia | Looks good |

# Conclusion, Recommendations

1. **Propose to endorse the following BLCRs:**

R3-201528,**endorsed as BL CR**

R3-201555,**endorsed as BL CR**

R3-201556, **endorsed as BL CR**

R3-201557, **endorsed as BL CR**

R3-201558, **endorsed as BL CR**

R3-201566, **endorsed as BL CR**

R3-201569, **endorsed as BL CR**

R3-201574, **endorsed as BL CR**

R3-201608, **endorsed as BL CR**

R3-201609, **endorsed as BL CR**

R3-201610, **endorsed as BL CR**

R3-201611, **endorsed as BL CR**

R3-201612, **endorsed as BL CR**

R3-201613, **endorsed as BL CR**

R3-201614, **endorsed as BL CR**

R3-201615, **endorsed as BL CR**

R3-201616, **endorsed as BL CR**

R3-201617, **endorsed as BL CR**

R3-201618, **endorsed as BL CR**

R3-201619, **endorsed as BL CR**

1. **Propose to agree the reply LS to SA5 in R3-202627**
2. **Propose to capture the following in the minutes,**

**Add the missing *Registration Request* IE in tabular (9.2.1.X1) at next update for SON E1 BLCR.**