**3GPP TSG RAN WG1 #100b R1-2002824**

**e-Meeting, April 20th – 30th, 2020**

Agenda Item: 7.2.6.3

Source: Moderator (Apple)

Title: Text Proposal from Email Thread [100b-e-NR-eMIMO-MB2-03]

Document for: Discussion/Decision

# Introduction

In this contribution, we provide TPs for email thread [100b-e-NR-eMIMO-MB2-03].

# Text Proposal

## Alignment between 38.213 and 38.321

Reason for changes

In TS 38.321, one bit field is included in SCell BFR MAC CE, i.e., candidate beam availability indication (AC), to indicate whether is available or not for a corresponding failed SCell, which is different from PCell and PSCell BFR. However, current specification TS 38.213 missed such information.

Summary of changes

Align SCell BFR MAC CE description in TS 38.213 with TS 38.321. Add candidate beam availability indication information provided by the PHY layer.

Consequences if not approved

PHY layer may not provide candidate beam availability indication information to MAC layer.

### **TP 2.1 for 38.213 v16.1.0**

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| < Start of text proposal on TS 38.213 v16.1.0 Section 6>  < Unchanged parts are omitted >  For the PCell or the PSCell, upon request from higher layers, the UE provides to higher layers the periodic CSI-RS configuration indexes and/or SS/PBCH block indexes from the set  and the corresponding L1-RSRP measurements that are larger than or equal to the Qin,LR threshold.  For the SCell, upon request from higher layers, the UE indicates to higher layers whether there is at least one periodic CSI-RS configuration index and/or SS/PBCH block index from the set  with corresponding L1-RSRP measurements that are larger than or equal to the Qin,LR threshold, and provides the periodic CSI-RS configuration indexes and/or SS/PBCH block indexes from the set  and the corresponding L1-RSRP measurements that are larger than or equal to the Qin,LR threshold, if any.  < Unchanged parts are omitted >  A UE can be provided, by *schedulingRequestIDForBFR*, a configuration for PUCCH transmission with a link recovery request (LRR) as described in Clause 9.2.4. The UE can transmit in a first PUSCH one MAC CE providing index(es) for at least one corresponding SCell(s) with radio link quality worse than Qout,LR, indication of presence of *qnew* for corresponding SCell(s), and index(es) for a periodic CSI-RS configuration or for a SS/PBCH block provided by higher layers, as described in [11, TS 38.321], if any, for corresponding SCell(s).  < Unchanged parts are omitted >  < End of text proposal on TS 38.213 v16.1.0 Section 6> |

## Editorial changes for abbreviation

Reason for changes

Abbreviation NDI is not defined in 38.213

Summary of changes

Clarify abbreviation NDI

Consequences if not approved

The indication of NDI in 38.213 is unclear.

### **TP 2.2 for 38.213 v16.1.0 section 3.3**

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| For the purposes of the present document, the abbreviations given in TR 21.905 [1] and the following apply. An abbreviation defined in the present document takes precedence over the definition of the same abbreviation, if any, in [1, TR 21.905].  <Unchanged part omitted>  GSCN Global synchronization channel number  HARQ-ACK Hybrid automatic repeat request acknowledgement  MCG Master cell group  MCS Modulation and coding scheme  NDI New data indicator  NE-DC E-UTRA NR dual connectivity with MCG using NR and SCG using E-UTRA  NR-DC NR NR dual connectivity  PBCH Physical broadcast channel  PCell Primary cell  <Unchanged part omitted> |