3GPP TSG-RAN WG2 Meeting #120 R2-2213009

Toulouse, France, November, 2022

Source: Session Chair (Apple)

Title: Report from NC Repeater breakout session

# Status of At-Meeting Email Discussions

This subclause is not an Agenda Item. It contains a running summary of the email discussions assigned to take place during the meeting weeks. This section will be moved to an appendix in the final version of the report.

* [AT120][700][NCR] Organisational Sasha – NCR (Apple)

Scope: Organisational discussions and announcements, as needed throughout the meeting weeks

Intended outcome: Well-informed participants

Deadline: Friday 2022-11-25 1700

## 8.1 NR network-controlled repeaters

(NR\_NetConRepeater; leading WG: RAN1; REL-18; WID: RP-222673)

Time budget: 0.5 TU

Tdoc Limitation: 2 tdocs

### 8.1.1 Organizational

Including LSs and any rapporteur inputs.

Note: LS R2-2211173 is moved to AI 8.1.3.

### 8.1.2 Signalling for side control information

Signalling and procedures for for side control information, based on RAN1 agreements. Additionally, any other RAN2 reletated aspects, if needed.

Note: the following documents will be discussed online.

R2-2211908 Consideration on NCR open issues ZTE Corporation, Sanechips discussion Rel-18 NR\_netcon\_repeater Late

R2-2211198 Further discussion on the necessary aspects to support NCR Huawei, HiSilicon discussion Rel-18 NR\_netcon\_repeater

R2-2212492 Discussion on signalling aspects for NCR Ericsson discussion Rel-18 NR\_netcon\_repeater

DISCUSSION

Note: the following document will be discussed online if time permits.

R2-2212309 Signalling for NCR side control information MediaTek Inc. discussion Rel-18

DISCUSSION

Note: the following documents are not expected to be discussed online due to lack of time.

R2-2211376 Discussion on NCR Functionality and UE Capability Intel Corporation discussion Rel-18 NR\_netcon\_repeater

R2-2211474 Configuration of Network-controlled Repeater Qualcomm Inc. discussion Rel-18 NR\_netcon\_repeater

R2-2211521 NCR-MT RRM functions Nokia, Nokia Shanghai Bell discussion Rel-18 NR\_netcon\_repeater

R2-2211695 Discussion on Signaling for side control information Apple discussion DUMMY

R2-2211802 Discussion on Signaling for Side Control Information vivo discussion Rel-18

R2-2211857 Discussion on state transition for NCR-MT Fujitsu discussion Rel-18 NR\_netcon\_repeater

R2-2211915 Considerations on side control information Sony discussion Rel-18 NR\_netcon\_repeater

R2-2211976 On NCR Features supported Samsung R&D Institute UK discussion Rel-18 NR\_netcon\_repeater

R2-2212017 Discussion on open issues for NCR-MT Lenovo discussion Rel-18

R2-2212143 Signaling for side control information and RRM functions CATT discussion Rel-18 FS\_NR\_netcon\_repeater

R2-2212498 Considerations on NCR remaining issues NEC Corporation discussion

R2-2212525 Further consideration of network-controlled repeaters Kyocera discussion Rel-18

R2-2212621 Discussion on signaling for side control information CMCC discussion Rel-18 FS\_NR\_netcon\_repeater

R2-2212731 RLM/RRM support for NR network-controlled repeaters AT&T discussion

R2-2212791 Discussion on signalling for side control information China Telecom discussion

R2-2212920 Resolving open issues for NCR. LG Electronics discussion Rel-18

### 8.1.3 Repeater management

Including Identification and authorization of network-controlled repeaters, taking into accout feedback from SA3 (S3-223080).

Note: the following documents will be discussed online.

R2-2211173 Reply LS on NCR Solutions (S3-223080; contact: ZTE) SA3 LS in Rel-18 FS\_NR\_netcon\_repeater To:RAN3 Cc:RAN2, SA2, SA5

*Moved from 8.1.1*

R2-2211475 Management of Network-controlled Repeater Qualcomm Inc. discussion Rel-18 NR\_netcon\_repeater

Note: the following documents are not expected to be discussed online due to lack of time.

R2-2211199 Way forwad for NCR management Huawei, HiSilicon discussion Rel-18 NR\_netcon\_repeater

R2-2211377 Authorization and verification of NCR: RAN2 impact Intel Corporation discussion Rel-18 NR\_netcon\_repeater

R2-2211522 Down-selection of NCR management solutions Nokia, Nokia Shanghai Bell discussion Rel-18 NR\_netcon\_repeater

R2-2211696 Discussion on NCR repeater management Apple discussion DUMMY

R2-2211803 Discussion on NCR Management vivo discussion Rel-18

R2-2211858 Discussion on NCR management Fujitsu discussion Rel-18 NR\_netcon\_repeater

R2-2211881 Repeater management Samsung R&D Institute UK discussion

R2-2211909 Consideration on NCR management ZTE Corporation, Sanechips discussion Rel-18 NR\_netcon\_repeater

R2-2211916 Clarifications about NCR management solutions based on SA3 reply Sony discussion Rel-18 NR\_netcon\_repeater

R2-2212018 Discussion on repeater management for NCR-MT Lenovo discussion Rel-18

R2-2212144 Management of Network-Controlled Repeater CATT discussion Rel-18 FS\_NR\_netcon\_repeater

R2-2212493 Discussion on capabilities and remaining issues for NCR Ericsson discussion Rel-18 NR\_netcon\_repeater

R2-2212497 Down-selection of NCR management solutions NEC Corporation discussion

R2-2212499 Management of Network-controlled repeater Philips International B.V. discussion Rel-18

R2-2212609 Discussion on NCR management Rakuten Mobile, Inc discussion Rel-18

R2-2212622 Discussion on the network-controlled repeater management CMCC discussion Rel-18 FS\_NR\_netcon\_repeater

R2-2212793 Discussion on identification and authorization of Network-Controlled Repeaters China Telecom discussion

R2-2212853 NCR management MediaTek Inc. discussion Rel-18