3GPP TSG-RAN WG2 Meeting #122 R2-2xxxxxx

Incheon, Korea, May 22-26, 2023

Agenda item: 9.10

Source: Session chair (Ericsson)

Title: Report from eRedCap breakout session

Document for: Approval

# Organizational

**Organizational**

* [AT122][750] Organizational – eRedCap (Ericsson)

Scope:

* + - Share plans for the meeting and list of ongoing email discussions related to eRedCap
		- Share meetings notes and agreements for review and endorsement
		- Flag LSs and in-principle agreed CRs for discussion

      Intended outcome:

* + - General information sharing about the sessions

**Post-meeting email discussions:**

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**AT-meeting offline discussions:**

**-**

**Comebacks:**

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Schedule:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Main room** | **Brk 1 room** | **Brk 2 room** | **Brk 3 room** |
| **Monday May 22**  |
| 09:00 – 10:30 | Opening:[1], [2], [3] 20-25 minNR1516 CP (Johan)- Common [5.1.1] [5.1.3]NR17 (Johan)- Common [6.1.1] [6.1.3.0, 6.1.3.1, 6.1.3.3]: In the order: General, 71GHz, feMIMO, TEI, Slicing, ePowSav, MGE, RedCap, QoE, DCCA, [6.1.3.2] UE cap  | Breakout to start after formal opening of meeting and NR CPUP - common items if any in the main room:NR151617 UP (Diana)NR18 MT-SDT [0.5] (Diana)NR18 Network Energy Saving [1] (Diana)- DTX/DRX, - SSB-less (if time allows) | Breakout to start after formal opening of meeting in main room:NR17 Pos (Nathan)NR17 SL Relay (Nathan) - UP items if time permits  |  |
| 11:00 – 13:00 |
| 14:30 – 16:30 | NR18 UAV [1] (Diana)- measurement reporting, - flight path, - BRID (if time allows) | NRLTE1516 (Kyeongin)NR17 (Kyeongin) |
| 17:00 – 19:00 | NR17 (Johan)- Common[6.1.1] [6.1.3] SDT, IABNR18 MIMO evo [0.5] (Erlin)- 7.20.1 (if any)- 7.20.2 | NR18 NTN enh [1] (Sergio)- 7.7.1- 7.7.4.1- 7.7.4.2- 7.7.3 (if time allows) | NR18 SL evolution [1] (Kyeongin) |
| **Tuesday May 23** |
| 08:30 – 10:30 | NR18 LP WUS [0.5] (Johan)NR18 fCovEnh [0.5] (Eswar)* Start with Stage-2 CP issues (7.21.2) after organizational
	+ CBRA open issues, CFRA support, RSRP thresholds etc
* UP issues (7.21.3)
	+ fallbacks
* Stage-3 CP issues if time left (how to signal partitions, priorities and capability etc)
 | NR17 MBS (Dawid):- 6.2.0, 6.2.1 (CP), 6.2.2 (UP)NR18 eQoE [0.5] (Tero) - 7.14.2: Area scope + other aspects if time allows | NR17 (Nathan) - SL Relay |  |
| 11:00 – 13:00 | NR17 NTN Maint (Sergio)- 4.2- 6.4NTN Self Evaluation (Sergio)- 7.25.4 | NR18 eQoE [0.5] (Tero) - 7.14.2: Area scope, buffer sizes, other RRC details- 7.14.3: Need for RVQoE events in RRC, LS replies to RAN3/SA4EUTRA16+ (Tero) – 12:30-13:00- 4.1: HO completion in Stage-2, QoE configuration release | NR18 Pos [2] (Nathan) |
| 14:30 – 16:30 | NR18 Other [2] (Johan)[7.25.1] Non-simultaneous UL and DL, Scell Activation Enh, [7.25.2] MCE UL TX sw, [7.25.1 - 7.25.3] all other, except eNPN  | NR18 XR [2] (Tero)- 7.5.1: LSs, rapporteur input, running CR(s)- 7.5.4.1: Delay reporting, BSR tables for XR- 7.5.4.2: Discard operation for XR | NR18 SL relay [1.5] (Nathan)- |
| 17:00 – 19:00 | NR18 feMob [2] (Johan)[7.4.1], [7.4.4], ([7.4.3]), [7.4.2] | NR18 XR [2] (Tero)- 7.5.3: Non-integer periodicity for DRX, SFN wrap-around - 7.5.2: UL jitter signaling, UL EoDB detection at gNB- 7.5.4.3: Retransmission-less, CG, other CG enhancements  | NR17 (Nathan) NR18 SL relay [1.5] (Nathan) |
| **Wednesday May 24** |
| 08:30 – 10:30 | NR18 feMob [2] (Johan)[7.4.2] continuation- [005][Mob18] LTM L1 measurements- [006][Mob18] Partial MAC reset- MAC CE- other aspects if time.  | NR18 NCR [0.5] (Sasha) | NR18 Pos [2] (Nathan) |  |
| 11:00 – 13:00 | NR18 Mobile IAB [0.5] (Johan)NR18 Other [2] (Johan) | NR18 RedCap [1] (Mattias)7.19.1 Organizational- LSsR2-2304619, R2-2304624, R2-2304648, R2-2304649- TerminologyR2-2305004- Running CRsR2-2305011, R2-2305377, R2-2305471, R2-2306039, R2-2306040, R2-23062237.19.2 Enhanced eDRX in RRC\_INACTIVE- Capabilities, Fallbacks, PTWs, etc.R2-2304682, R2-2305312- SDTR2-23054367.19.3 Further reduced UE complexity in FR1- Barring R2-2305963, R2-2304921- Decoding of Msg4R2-2306314, R2-2305003- Capability filterR2-2305797- Early indicationR2-2305098 | NR17 SONMDT (HuNan) |
| 14:30 – 16:30 | NR18 URLLC [0.5] (Diana)NR18 Network Energy Saving [1] (Diana)- Mobility, - Cell reselection | NR17 MBS (Dawid)- Continuation, if neededNR 18 MBS [0.75] (Dawid)- 7.11.1 (Organizational)- 7.11.3 (Shared processing)- 7.11.2.1 (CP issues for INACTIVE) | NR18 SONMDT [1] (HuNan) |
| 17:00 – 19:00 | NR18 AIML [1] (Johan)- [001], Data collection, Model deliv/trf, Arch, Control Procedures. | R18 IoT-NTN [1] (Sergio)- 7.6.1- 7.6.2.2: Report of [101]- 7.6.3: Report of [102]- 7.6.4- 7.6.2.1 (if time allows) | NR18 IDC [1] (Yi) |
| **Thursday May 25** |
| 08:30 – 10:30 | CB NR151617 (Johan) | CB Diana- maintaince CRs, - NES CBs .  | CB Kyeongin |  |
| 11:00 – 13:00 | NR18 TEI [1] (Nathan)No SL Relay proposals. NR18 TEI [1] (Johan)- [003][TEI18] Inter-freq Measurements, and more if time.  | CB Diana- NES CBs- UAV CBs and subscription based AI.  | CB Kyeongin |
| 14:30 – 16:30 | CB NR17 (Johan) | CB Sergio (14:30-15:30)- NR18 NTN CBCB Tero (15:30 – 16:30)- NR18 eQoE leftovers and CBs- 7.14.4: Remaining RRC details | CB Nathan |
| 17:00 – 19:00 | CB NR17 (Johan)CB NR18 (Johan)- [002][TEI18] SR Periodicity- [004][eNPN] 38331 and 38304 | CB Tero- 4.1: LTE CBs (if any)- 7.5.X: XR leftovers and CBs | CB Nathan |
| **Friday May 26** |
| 08:30 – 10:30 | NR18 MIMO evo [0.5] (Erlin)- CBs from 7.20.2 (if any), - 7.20.3. CB Dawid | CB Mattias TBD | CB Nathan, Kyeongin TBD |  |
| 11:00 – 13:00 | CB Johan, Eswar TBD | CB Sergio- R18 IoT-NTN CB- R17 NTN Maint CB | CB Yi |
| 14:30 – 16:00 | CB Johan  | CB Sasha, Tero | CB HuNan |
| 16:00 – 17:00 | CB and conclusion (Johan) |  |  |  |

## 7.19 Enhanced support of reduced capability NR devices

(NR\_redcap\_enh-Core; leading WG: RAN1; REL-18; WID: [RP-223544](http://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_98e/Docs//RP-223544.zip))

Time budget: 1 TU

Tdoc Limitation: 3 tdocs

### 7.19.1 Organizational

Incoming LSs, running CRs, etc.

LSs

[R2-2304619](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2304619.zip) LS on Msg4 PDSCH transmission to Rel-18 eRedCap UEs ([R1-2304262](http://www.3gpp.org/ftp//tsg_ran/WG1_RL1/TSGR1_112b-e/Docs//R1-2304262.zip); contact: Ericsson) RAN1 LS in Rel-18 NR\_redcap\_enh-Core To:RAN2

[R2-2304624](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2304624.zip) RAN3 progress on Rel-18 RedCap enhancements to address remaining ENs in TS 23.502 (R3-231951; contact: Ericsson) RAN3 LS in Rel-18 NR\_redcap\_enh To:SA2 Cc:RAN2, CT4

[R2-2304648](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2304648.zip) Reply LS on Paging Policy Information for Network Triggered Connection Resume ([S2-2305617](http://www.3gpp.org/ftp//tsg_sa/WG2_Arch/TSGS2_156E_Electronic_2023-04/Docs//S2-2305617.zip); contact: Ericsson) SA2 LS in Rel-18 NR\_REDCAP\_Ph2 To:CT4 Cc:RAN3, RAN2

[R2-2304649](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2304649.zip) Reply LS on INACTIVE eDRX above 10.24sec and SDT ([S2-2305619](http://www.3gpp.org/ftp//tsg_sa/WG2_Arch/TSGS2_156E_Electronic_2023-04/Docs//S2-2305619.zip); contact: Intel) SA2 LS in Rel-18 NR\_REDCAP\_Ph2, NR\_redcap\_enh-Core To:RAN2, RAN3 Cc:CT4

Terminology

[R2-2305004](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305004.zip) How to capture “eRedCap UE” in the running CRs/Rel-18 specifications Huawei, HiSilicon discussion Rel-18 NR\_redcap\_enh-Core

Running CRs

[R2-2305011](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305011.zip) Running MAC CR for eRedCap vivo (Rapporteur) draftCR Rel-18 38.321 17.4.0 NR\_redcap\_enh-Core

[R2-2305377](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305377.zip) Running CR for TS 38.300 for Rel-18 eRedCap OPPO CR Rel-18 38.300 17.4.0 0677 - B NR\_redcap\_enh-Core

[R2-2305471](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305471.zip) Running 38.304 CR for enhanced support of reduced capability NR devices Huawei, HiSilicon draftCR Rel-18 38.304 17.4.0 B NR\_redcap\_enh-Core

[R2-2306039](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2306039.zip) 38.306 UE capability for Rel-18 eRedCap Intel Corporation draftCR Rel-18 38.306 17.4.0 B NR\_redcap\_enh-Core

[R2-2306040](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2306040.zip) 38.331 UE capability for Rel-18 eRedCap Intel Corporation draftCR Rel-18 38.331 17.4.0 B NR\_redcap\_enh-Core

[R2-2306223](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2306223.zip) Introduction of eRedCap in 38331 Ericsson draftCR Rel-18 38.331 17.4.0 NR\_redcap\_enh-Core

### 7.19.2 Enhanced eDRX in RRC\_INACTIVE

Pre-requisites for UE supporting/NW allowing INACTIVE eDRX > 10.24 s, e.g. requires R17 INACTIVE eDRX?

PTW details, e.g. restriction that RAN PTW is longer/shorter/same as CN PTW.

Fallback details.

Capabilities, Fallbacks, PTWs, etc.

[R2-2304682](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2304682.zip) Fallback behaviour for eRedcap UE NEC discussion NR\_redcap\_enh-Core

[R2-2305312](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305312.zip) Discussion on enhanced eDRX in RRC\_INACTIVE Samsung discussion Rel-18 NR\_redcap\_enh-Core

SDT:

[R2-2305436](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305436.zip) Further impacts to support eDRX in RRC\_INACTIVE above 10.24 sec Intel Corporation discussion NR\_redcap\_enh-Core

*Focus on P3, P4*

[R2-2304738](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2304738.zip) Discussion on enhanced eDRX in RRC\_INACTIVE OPPO discussion Rel-18 NR\_redcap\_enh-Core

[R2-2304901](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2304901.zip) Discussion on enhanced eDRX in RRC\_INACTIVE CATT, CEPRI discussion Rel-18 NR\_redcap\_enh-Core

[R2-2304920](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2304920.zip) Remaining issues on Enhanced eDRX for eRedCap vivo, Guangdong Genius discussion Rel-18 NR\_redcap\_enh-Core

[R2-2304996](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2304996.zip) Discussion on e-DRX for eRedcap Devices Xiaomi Communications discussion

[R2-2305472](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305472.zip) Discussion on enhanced eDRX in RRC\_INACTIVE Huawei, HiSilicon discussion Rel-18 NR\_redcap\_enh-Core

[R2-2305622](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305622.zip) Discussion on eDRX in RRC\_INACTIVE CMCC discussion Rel-18 NR\_redcap\_enh-Core

[R2-2305794](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305794.zip) Discussion on enhanced eDRX in RRC inactive Qualcomm Incorporated discussion NR\_redcap\_enh-Core

[R2-2305900](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305900.zip) Remaining issues for enhanced eDRX in RRC\_INACTIVE MediaTek Inc. discussion Rel-18 NR\_redcap\_enh-Core

[R2-2305905](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305905.zip) On eDRX for enhanced RedCap Nokia, Nokia Shanghai Bell discussion Rel-18 NR\_redcap\_enh-Core

[R2-2305962](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305962.zip) Remaining issues of enhanced eDRX in RRC\_INACTIVE ZTE Corporation, Sanechips discussion Rel-18 NR\_redcap\_enh-Core

[R2-2306228](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2306228.zip) Extended eDRX cycles in RRC\_INACTIVE Ericsson discussion Rel-18 NR\_redcap\_enh-Core Revised

[R2-2306528](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2306528.zip) Extended eDRX cycles in RRC\_INACTIVE Ericsson discussion Rel-18 NR\_redcap\_enh-Core [R2-2306228](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2306228.zip)

### 7.19.3 Further reduced UE complexity in FR1

Early indication.

Access restrictions for eRedCap. Which granularity is required for access restriction, e.g. need for R18 versions of 1Rx/2Rx-barring indications and HD-FDD allowed? Can a NW allow R18 eRedCap without allowing R17 RedCap?

*Capability related, e.g. how to define an eRedCap UE.*

Barring

[R2-2305963](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305963.zip) Early indication and access restriction for eRedCap UE ZTE Corporation, Sanechips discussion Rel-18 NR\_redcap\_enh-Core [R2-2302825](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_121bis-e/Docs//R2-2302825.zip)

*Focus on P3, P4*

[R2-2304921](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2304921.zip) Discussion on access restriction for eRedCap vivo, Guangdong Genius discussion Rel-18 NR\_redcap\_enh-Core

*Focus on P1-P5*

Decoding of Msg4

[R2-2306314](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2306314.zip) On Msg4 with larger number of PRBs Nokia, Nokia Shanghai Bell discussion

[R2-2305003](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305003.zip) eRedCap access restriction and the issue in RAN1 LS Huawei, HiSilicon discussion Rel-18 NR\_redcap\_enh-Core

Capability filter

[R2-2305797](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305797.zip) Discussion on optional UE capability filter for eRedCap UE Qualcomm Incorporated, Ericsson, Intel discussion NR\_redcap\_enh-Core [R2-2303563](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_121bis-e/Docs//R2-2303563.zip)

Early indication

[R2-2305098](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305098.zip) Early identification of eRedCap UE at RACH Apple discussion Rel-18 NR\_redcap\_enh-Core

[R2-2304722](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2304722.zip) Potential impacts to random access for Rel-18 eRedCap Ues Samsung Electronics Co., Ltd discussion Rel-18 NR\_redcap\_enh-Core

[R2-2304739](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2304739.zip) Discussion on early indication for eRedCap UE OPPO discussion Rel-18 NR\_redcap\_enh-Core

[R2-2304752](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2304752.zip) Discussion on cellbarring for eRedCap UEs OPPO discussion Rel-18 NR\_redcap\_enh-Core

[R2-2304902](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2304902.zip) Discussion on further UE complexity reduction CATT, CEPRI discussion Rel-18 NR\_redcap\_enh-Core

[R2-2304922](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2304922.zip) Discussion on capability for eRedCap vivo, Guangdong Genius discussion Rel-18 NR\_redcap\_enh-Core

[R2-2304997](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2304997.zip) Discussion on early indication for eRedcap devices Xiaomi Communications discussion

[R2-2304998](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2304998.zip) Discussion on UE access restrictions and other impacts for eRedcap devices Xiaomi Communications discussion

[R2-2305099](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305099.zip) R17 RedCap support of R18 eRedCap supporting gNBs Apple discussion Rel-18 NR\_redcap\_enh-Core

[R2-2305313](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305313.zip) Discussion on further reduced UE complexity in FR1 Samsung discussion Rel-18 NR\_redcap\_enh-Core

[R2-2305359](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305359.zip) Discussion on Msg4 PDSCH transmission to Rel-18 eRedCap UE NEC discussion Rel-18 NR\_redcap\_enh-Core

[R2-2305360](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305360.zip) Further discussion on access restriction for eRedCap NEC discussion Rel-18 NR\_redcap\_enh-Core

[R2-2305437](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305437.zip) Capability impacts for Rel-18 eRedCap UEs Intel Corporation discussion NR\_redcap\_enh-Core

[R2-2305558](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305558.zip) Discussion on further reduced UE complexity in FR1 for eRedCap UE Spreadtrum Communications discussion Rel-18

[R2-2305623](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305623.zip) Discussion on further reduced UE complexity CMCC discussion Rel-18 NR\_redcap\_enh-Core

[R2-2305796](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305796.zip) Discussion on further complexity reduction for eRedCap UE Qualcomm Incorporated discussion NR\_redcap\_enh-Core

[R2-2305797](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305797.zip) Discussion on optional UE capability filter for eRedCap UE Qualcomm Incorporated, Ericsson, Intel discussion NR\_redcap\_enh-Core [R2-2303563](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_121bis-e/Docs//R2-2303563.zip)

[R2-2305869](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305869.zip) Access restrictions for eRedCap UE Sierra Wireless. S.A. discussion

[R2-2305901](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305901.zip) Open aspects of initial access for eRedCap UEs MediaTek Inc. discussion Rel-18 NR\_redcap\_enh-Core

[R2-2305904](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305904.zip) On access restrictions for enhanced RedCap Nokia, Nokia Shanghai Bell discussion Rel-18 NR\_redcap\_enh-Core

[R2-2305932](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305932.zip) Considerations on Further reduced UE complexity for eRedcap Sequans Communications discussion Rel-18 NR\_redcap\_enh-Core [R2-2304171](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_121bis-e/Docs//R2-2304171.zip)

[R2-2305964](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2305964.zip) Capability definition and report for eRedCap UE ZTE Corporation, Sanechips discussion Rel-18 NR\_redcap\_enh-Core [R2-2302826](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_121bis-e/Docs//R2-2302826.zip)

[R2-2306234](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2306234.zip) Early indication and access control for BB BW reduced UEs Ericsson discussion Rel-18 NR\_redcap\_enh-Core

[R2-2306237](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2306237.zip) Access restriction and capabilities for eRedCap UEs Ericsson discussion Rel-18 NR\_redcap\_enh-Core Revised

[R2-2306332](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2306332.zip) Discussion on Cell barring for eRedCap NTT DOCOMO INC. discussion Rel-18 NR\_redcap\_enh-Core

[R2-2306348](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2306348.zip) Remaining issues on early indication for Rel-18 eRedCap UE LG Electronics Inc. discussion Rel-18 NR\_redcap\_enh-Core

[R2-2306426](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2306426.zip) Further discussions on access restriction for eRedCap Futurewei discussion Rel-18 NR\_redcap\_enh-Core

[R2-2306524](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2306524.zip) Access restriction and capabilities for eRedCap UEs Ericsson discussion Rel-18 NR\_redcap\_enh-Core [R2-2306237](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2306237.zip)

[R2-2304905](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2304905.zip) [Draft] Reply LS on Msg4 PDSCH transmission to Rel-18 eRedCap Ues CATT LS out Rel-18 NR\_redcap\_enh-Core To:RAN1

*Moved from 7.19.1*

[R2-2306224](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_122/Docs//R2-2306224.zip) Discussion on Msg4 PDSCH transmission to Rel-18 eRedCap UEs Ericsson discussion Rel-18 NR\_redcap\_enh-Core

*Moved from 7.19.1*