3GPP TSG-RAN WG2 Meeting #123bis R2-231xxxx

**Xiamen, China, October 9th – 13th, 2023**

Agenda: 8.8

Source: Session Chair (Intel)

Title: Report from IDC breakout session

Document for: Approval

**Organizational:**

* [AT123bis][700][IDC] Organizational Yi – IDC (Intel)

 Scope:

* Share plans for the meetings and list/status of ongoing email discussions for the sessions.
* Share meeting notes and agreements for review and endorsement.

* [AT123bis][701][IDC] Corrections on TS 38.331 and TS 38.300 Agreed in principle CR (Xiaomi)

 Scope: To discuss the changes from R2-2310426, proposals and TPs from R2-2311046, R2-2310585, R2-2311007

 Intended outcome: Report in R2-2311410 and Agreeable CRs in R2-2311411 (TS 38.331) and R2-2311412 (TS38.300) (Agreed in principle)

 **Deadline of company’ comments**: Wednesday 2023-10-11 2000

 **Deadline of comments on summary and the CR revision**: Thursday 2023-10-12 2000

## 7.10 IDC enhancements for NR and MR-DC

(NR\_IDC\_enh-Core; leading WG: RAN2; REL-18; WID: [RP-221281](http://ftp.3gpp.org/tsg_ran/TSG_RAN/TSGR_96/Docs/RP-221281.zip))

Time budget: 0 TU

Tdoc Limitation: 1 tdocs

Corrections. For smaller corrections please contact CR editor / Rapporteur directly.

R2-2310426 Correction to 38.300 running CR on IDC vivo,xiaomi draftCR Rel-18 38.300 17.6.0 NR\_IDC\_enh-Core

* To be treated in [AT123bis][701]

R2-2311046 Correction on the IDC Reporting ZTE Corporation, Sanechips discussion Rel-18 NR\_IDC\_enh-Core

* To be treated in [AT123bis][701]

R2-2310585 Introduction of In-Device Co-existence (IDC) enhancements for NR Xiaomi draftCR Rel-18 38.331 17.6.0 B NR\_IDC\_enh-Core

* To be treated in [AT123bis][701]

R2-2311007 Corrections for 38.331 Running CR for IDC Enhancements Huawei, HiSilicon discussion Rel-18 NR\_IDC\_enh-Core

* To be treated in [AT123bis][701]
* [AT123bis][701][IDC] Corrections on TS 38.331 and TS 38.300 Agreed in principle CR (Xiaomi)

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 **Deadline of company’ comments**: Wednesday 2023-10-11 2000

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R2-2311410 Summary of [AT123bis][701][IDC] Corrections on TS 38.331 and TS 38.300 Agreed in principle CR (Xiaomi) Xiaomi discussion Rel-18 NR\_IDC\_enh-Core

Proposal 1: No extra clarification is needed in the specification for the simultaneous configuration of Rel-16 FDM and Rel-18 FDM.

Proposal 2: The change in R2-2310426 is agreed and merged to the running stage-2 CR.

Proposal 3: No need to remove the “cell group” concept from the R16 IDC configuration related description.

Proposal 4: The ASN.1 structure changes of AffectedCarrierFreqRange-r18 and AffectedCarrierFreqRangeComb-r18 as proposed in R2-2311046 are agreed.

Proposal 5: Add need R for the absence case in the field description of “Cond FDM” of idc-TDM-AssistanceConfig-r18.

Proposal 6: The changes provided in R2-2310585, except for changing AffectedCarrierFreqRangeComb-r18 to AffectedCarrierFreqRange-r18, are agreed.

Proposal 7: Update the procedural text in section 5.7.4.2 and 5.7.4.3 to include the reporting of the MR-DC combination in affectedCarrierFreqCombList, as provided in R2-2311007.

Proposal 8: Update the field description for affectedCarrierFreqCombList to remove the EN-DC case.

Proposal 9: Update the procedural text in section 5.7.4.2 to align the idc-AssistanceConfig-r16 and idc-AssistanceConfig-r18 configuration related description, by using the text proposal from Xiaomi.

Proposal 10: Update the procedural text in section 5.7.4.3 by changing “frequency range” to “candidate frequency range”, as provided in R2-2311007.

Proposal 11: The field description for the idc-TDM-Assistance of the inter-node RRC message is updated as follows:

 This field is signalled upon MN not addressing IDC issue and contains IDC TDM assistance information reported by UE to MN for IDC problem.

Agreements:

1: No extra clarification is needed in the specification for the simultaneous configuration of Rel-16 FDM and Rel-18 FDM.

2: The change in R2-2310426 is agreed and merged to the running stage-2 CR.

3: No need to remove the “cell group” concept from the R16 IDC configuration related description.

4: The ASN.1 structure changes of AffectedCarrierFreqRange-r18 and AffectedCarrierFreqRangeComb-r18 as proposed in R2-2311046 are agreed.

5: Add need R for the absence case in the field description of “Cond FDM” of idc-TDM-AssistanceConfig-r18.

6: The changes provided in R2-2310585, except for changing AffectedCarrierFreqRangeComb-r18 to AffectedCarrierFreqRange-r18, are agreed.

7: Update the procedural text in section 5.7.4.2 and 5.7.4.3 to include the reporting of the MR-DC combination in affectedCarrierFreqCombList, as provided in R2-2311007.

8: Update the field description for affectedCarrierFreqCombList to remove the EN-DC case.

9: Update the procedural text in section 5.7.4.2 to align the idc-AssistanceConfig-r16 and idc-AssistanceConfig-r18 configuration related description, by using the text proposal from Xiaomi.

10: Update the procedural text in section 5.7.4.3 by changing “frequency range” to “candidate frequency range”, as provided in R2-2311007.

11: The field description for the idc-TDM-Assistance of the inter-node RRC message is updated as follows:

 This field is signalled upon MN not addressing IDC issue and contains IDC TDM assistance information reported by UE to MN for IDC problem.

R2-2311411 Introduction of In-Device Co-existence (IDC) enhancements for NR Xiaomi CR Rel-18 38.331 17.4.0 4164 4 B NR\_IDC\_enh-Core

* Agreed in principle

R2-2311412 Introduction of In-Device Co-existence (IDC) enhancements for NR Huawei, HiSilicon CR Rel-18 38.300 17.4.0 0680 4 B NR\_IDC\_enh-Core

* Agreed in principle