**3GPP TSG-RAN WG2 Meeting #130 *R2-250xxxx***

**St Julian’s, Malta, 19 – 23 May 2025**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.3* | | | | | | | | |
| **DRAFT CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.306** | **CR** |  | **rev** | **-** | **Current version:** | **18.5.0** |  |
|  | | | | | | | | |
| *For* [***HELP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
|  | | | | | | | | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network | **X** | Core Network |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Draft 38.306 CR for Rel-19 XR UE capabilities | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Xiaomi | | | | | | | | | |
| ***Source to TSG:*** | R2 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_XR\_Ph3-Core | | | | |  | ***Date:*** | | | 2025-05 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-19 |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Introduce UE capabilities for Rel-19 XR. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Following UE capabilities for Rel-19 XR are defined:   1. Dynamic logical channel priority based on delay status of buffered data. 2. Enhanced delay status report of the buffered data. 3. Autonomous RLC retransmission based on delay status. 4. Enhanced polling based on delay status. 5. UL rate control MAC CE from the gNB to the UE. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | UE capabilities for Rel-19 XR are not introduced. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 4.2.5, 4.2.6.1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | | **X** |  | Other core specifications | | | | TS/TR 38.331 CR XXXX | | |
| ***affected:*** | |  | **X** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

*First change*

### 4.2.5 RLC parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Definitions for parameters | Per | M | FDD-TDD DIFF |
| ***am-WithShortSN***  Indicates whether the UE supports AM DRB with 12 bit length of RLC sequence number. | UE | Yes | No |
| ***autonomousRLC-ReTx-r19***  Indicates whether the UE supports autonomous RLC retransmission based on [delay status], as specified in TS 38.322 [36]. | UE | No | No |
| ***enhancedPolling-r19***  Indicates whether the UE supports enhanced polling based on [delay status], as specified in TS 38.322 [36]. | UE | No | No |
| ***extendedT-PollRetransmit-r16***  Indicates whether the UE supports the additional values of *T-PollRetransmit timer*. The supported additional values are 1ms, 2ms, 3ms and 4ms, as specified in TS 38.331 [9]. | UE | No | No |
| ***extendedT-StatusProhibit-r16***  Indicates whether the UE supports the additional values of *T-StatusProhibit timer*. The supported additional values are 1ms, 2ms, 3ms and 4ms, as specified in TS 38.331 [9]. | UE | No | No |
| ***um-WithLongSN***  Indicates whether the UE supports UM DRB with 12 bit length of RLC sequence number. | UE | Yes | No |
| ***um-WithShortSN***  Indicates whether the UE supports UM DRB with 6 bit length of RLC sequence number. | UE | Yes | No |

Next Change

#### 4.2.6.1 *MAC-Parameters*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Definitions for parameters | Per | M | FDD-TDD DIFF | FR1-FR2 DIFF |
| ***additionalBS-Table-r18***  Indicates whether the UE supports using the refined buffer size table for BSR and, if *delayStatusReport-r18* is supported, DSR, as specified in TS 38.321 [8] and TS 38.331 [9]. | UE | No | No | No |
| ***autonomousTransmission-r16***  Indicates whether the UE supports autonomous transmission of the MAC PDU generated for a deprioritized configured uplink grant as specified in TS 38.321 [8]. A UE supporting this feature shall also support *lch-priorityBasedPrioritization-r16*. | UE | No | No | No |
| ***cg-RetransmissionMonitoringDisabling-r18***  Indicates whether the UE supports disabling of waking-up to monitor possible grants for UL retransmissions of configured grants corresponding to a *ConfiguredGrantConfig* as specified in TS 38.321 [8] and TS 38.331 [9].  A UE supporting this feature shall also indicate support of at least one of *configuredUL-GrantType1*, *configuredUL-GrantType2*, *configuredUL-GrantType1-v1650*, *configuredUL-GrantType2-v1650*, *configuredUL-GrantType1-r16*, *configuredUL-GrantType2-r16*. | UE | No | No | No |
| ***directMCG-SCellActivation-r16, directMCG-SCellActivation-r17***  Indicates whether the UE supports direct NR MCG SCell activation, as specified in TS 38.321 [8], upon SCell addition, upon reconfiguration with sync of the MCG, as specified in TS 38.331 [9]. | UE | No | No | Yes (Incl FR2-2 DIFF) |
| ***directMCG-SCellActivationResume-r16, directMCG-SCellActivationResume-r17***  Indicates whether the UE supports direct NR MCG SCell activation, as specified in TS 38.321 [8], upon reception of an *RRCResume* message, as specified in TS 38.331 [9]. | UE | No | No | Yes (Incl FR2-2 DIFF) |
| ***directSCellActivationWithTCI-r17***  Indicates whether the UE supports direct NR SCell activation with activated TCI states configuration (i.e. *tci-ActivatedConfig*).  A UE supporting this feature shall also indicate support of at least one of *directMCG-SCellActivation-r16*, *directMCG-SCellActivation-r17*, *directMCG-SCellActivationResume-r16*, *directMCG-SCellActivationResume-r17*, *directSCG-SCellActivation-r16*, *directSCG-SCellActivation-r17*, *directSCG-SCellActivationResume-r16*, and *directSCG-SCellActivationResume-r17*. | UE | No | No | No |
| ***delayStatusReport-r18***  Indicates whether the UE supports the delay status report of the buffered data as specified in TS 38.321 [8], TS 38.331 [9], TS 38.323 [16] and TS 38.322 [36]. | UE | No | No | No |
| ***directSCG-SCellActivation-r16, directSCG-SCellActivation-r17***  Indicates whether the UE supports direct NR SCG SCell activation, as specified in TS 38.321 [8], upon SCell addition and upon reconfiguration with sync of the SCG, both performed via an *RRCReconfiguration* message received via SRB3 or contained in an *RRC(Connection)Reconfiguration* message received via SRB1, as specified in TS 38.331 [9] and TS 36.331 [17].  A UE indicating support of *directSCG-SCellActivation-r16* shall indicate support of EN-DC or support of NGEN-DC as specified in TS 36.331 [17] or support of NR-DC as specified in TS 38.331 [9]. | UE | No | No | Yes (Incl FR2-2 DIFF) |
| ***directSCG-SCellActivationResume-r16, directSCG-SCellActivationResume-r17***  Indicates whether the UE supports direct NR SCG SCell activation, as specified in TS 38.321 [8]:  - upon reception of an *RRCReconfiguration* included in an *RRCConnectionResume* message, as specified in TS 38.331 [9] and TS 36.331 [17], if the UE indicates support of EN-DC or NGEN-DC, and support of *resumeWithSCG-Config-r16* as specified in TS 36.331 [17],  - upon reception of an *RRCReconfiguration* included in an *RRCResume* message, as specified in TS 38.331 [9], if the UE indicates support of NR-DC and of *resumeWithSCG-Config-r16* as specified in TS 38.331 [9].  A UE indicating support of *directSCG-SCellActivationResume-r16* shall indicate support of EN-DC or NGEN-DC and support of *resumeWithSCG-Config-r16* as specified in TS 36.331 [17] or indicate support of NR-DC and of *resumeWithSCG-Config-r16* as specified in TS 38.331 [9]. | UE | No | No | Yes (Incl FR2-2 DIFF) |
| ***drx-Adaptation-r16, drx-Adaptation-r17***  Indicates whether the UE supports DRX adaptation comprised of the following functional components:  - Configured *ps-Offset* for the detection of DCI format 2\_6 with CRC scrambling by *ps*-RNTI and reported *MinTimeGap* or *MinTimeGapFR2-2* before the start of *drx-onDurationTimer* of Long DRX  - Indication of UE whether or not to start *drx-onDurationTimer* for the next Long DRX cycle by detection of DCI format 2\_6  - Configured UE wakeup or not when DCI format 2\_6 is not detected at all monitoring occasions outside Active Time  - Configured periodic CSI report apart from L1-RSRP (*ps-TransmitOtherPeriodicCSI*) when impacted by DCI format 2\_6 that *drx-onDurationTimer* does not start for the next Long DRX cycle  - Configured periodic L1-RSRP report (*ps-TransmitPeriodicL1-RSRP*) when impacted by DCI format 2\_6 that *drx-onDurationTimer* does not start for the next Long DRX cycle  The capability signalling includes the minimum time gap between the end of the slot of last DCI format 2\_6 monitoring occasion and the beginning of the slot where the UE would start the *drx-onDurationTimer* of Long DRX for each SCS. The value *sl1* indicates 1 slot. The value *sl2* indicates 2 slots, and so on. Support of this feature is reported for licensed and unlicensed bands, respectively. When *drx-Adaptation-r16* is reported, either of *sharedSpectrumChAccess-r16* or *non-SharedSpectrumChAccess-r16* shall be reported, at least. When *drx-Adaptation-r17* is reported, either of *sharedSpectrumChAccess-r17* or *non-SharedSpectrumChAccess-r17* shall be reported, at least. | UE | No | No | Yes  (Incl FR2-2 DIFF) |
| ***enhancedDelayStatusReport-r19***  Indicates whether the UE supports the delay status report of the buffered data using multiple reporting thresholds, as specified in TS 38.321 [8], TS 38.331 [9], TS 38.323 [16] and TS 38.322 [36].  [Editor’s note] FFS a UE supporting this feature shall also indicate support of *delayStatusReport-r18*. | UE | No | No | No |
| ***enhancedSkipUplinkTxConfigured-r16***  Indicates whether the UE supports skipping UL transmission for a configured uplink grant only if no data is available for transmission and no UCI is multiplexed on the corresponding PUSCH of the uplink grant as specified in TS 38.321 [8]. | UE | No | Yes | No |
| ***enhancedSkipUplinkTxDynamic-r16***  Indicates whether the UE supports skipping UL transmission for an uplink grant addressed to a C-RNTI only if no data is available for transmission and no UCI is multiplexed on the corresponding PUSCH of the uplink grant as specified in TS 38.321 [8]. | UE | No | Yes | No |
| ***enhancedUuDRX-forSidelink-r17***  Indicates whether UE supports sidelink related Uu-DRX mechanisms for PDCCH monitoring. This field is only applicable if the UE supports *sl-TransmissionMode1-r16*. | UE | No | No | No |
| ***extendedDRX-CycleInactive-r17***  Indicates whether UE supports the extended DRX in RRC\_INACTIVE with values of 256, 512 and 1024 radio frames as specified in TS 38.331 [9]. The UE may indicate support for extended DRX in RRC\_INACTIVE only if it supports extended DRX in RRC\_IDLE. | UE | No | No | No |
| ***extendedDRX-CycleInactive-r18***  Indicates whether UE supports the extended DRX in RRC\_INACTIVE with values above 1024 radio frames as specified in TS 38.331 [9] and TS 38.304 [21]. The UE may indicate support of this capability only if it supports extended DRX in RRC\_IDLE. | UE | No | No | No |
| ***harq-FeedbackDisabled-r17***  Indicates whether the UE supports disabled HARQ feedback for downlink transmission. A UE supporting this feature shall also indicate the support of *nonTerrestrialNetwork-r17*. | UE | No | No | No |
| ***harq-RTT-TimerDL-ForNTN-MulticastMBS-r17***  Indicates whether the UE supports the NTN extension of the *drx-HARQ-RTT-TimerDL-PTM* and *drx-HARQ-RTT-TimerDL* for MBS Multicast DRX in RRC connected mode.  A UE supporting this feature shall also indicate the support of *nonTerrestrialNetwork-r17, dynamicMulticastPCell-r17*, and at least one of the following features:  - *ack-NACK-FeedbackForMulticast-r17*  - *ack-NACK-FeedbackForSPS-Multicast-r17*  - *nack-OnlyFeedbackForMulticast-r17*  - *nack-OnlyFeedbackForSPS-Multicast-r17* | UE | No | No | No |
| ***intraCG-Prioritization-r17***  Indicates whether the UE supports the HARQ process ID selection based on LCH priority as specified in TS 38.321 [8]. A UE supporting this feature shall also support *jointPrioritizationCG-Retx-Timer-r17*. | UE | No | No | No |
| ***jointPrioritizationCG-Retx-Timer-r17***  Indicates whether the UE supports simultaneous configuration of LCH based prioritization and *cg-RetransmissionTimer-r16* as specified in TS 38.321 [8]. A UE supporting this feature shall also support *lch-priorityBasedPrioritization-r16* and *configuredGrantWithReTx-r16*. | UE | No | No | No |
| ***lastTransmissionUL-r17***  Indicates whether the UE supports starting the *drx-HARQ-RTT-TimerUL* after the end of the last transmission within a bundle as specified in TS 38.321 [8]. | UE | No | No | No |
| ***lch-PriorityBasedPrioritization-r16***  Indicates whether the UE supports prioritization between overlapping grants and between scheduling request and overlapping grants based on LCH priority as specified in TS 38.321 [8]. | UE | No | No | No |
| ***lch-ToConfiguredGrantMapping-r16***  Indicates whether the UE supports restricting data transmission from a given LCH to a configured (sub-) set of configured grant configurations (see *allowedCG-List-r16* in *LogicalChannelConfig* in TS 38.331 [9]) as specified in TS 38.321 [8]. | UE | No | No | No |
| ***lch-ToGrantPriorityRestriction-r16***  Indicates whether the UE supports restricting data transmission from a given LCH to a configured (sub-) set of dynamic grant priority levels (see *allowedPHY-PriorityIndex-r16* in *LogicalChannelConfig* in TS 38.331 [9]) as specified in TS 38.321 [8]. | UE | No | No | No |
| ***lch-ToSCellRestriction***  Indicates whether the UE supports restricting data transmission from a given LCH to a configured (sub-) set of serving cells (see *allowedServingCells* in *LogicalChannelConfig*). A UE supporting *pdcp-DuplicationMCG-OrSCG-DRB* or *pdcp-DuplicationSRB* (see *PDCP-Config*) shall also support *lch-ToSCellRestriction*. | UE | No | No | No |
| ***lcp-PriorityAdjustment-r19***  Indicates whether the UE supports logical channel priority adjustment based on [delay status] of buffered data, as specified in TS 38.321 [8]. | UE | No | No | No |
| ***lcp-Restriction***  Indicates whether UE supports the selection of logical channels for each UL grant based on RRC configured restriction using RRC parameters *allowedSCS-List*, *maxPUSCH-Duration*, and *configuredGrantType1Allowed* as specified in TS 38.321 [8]. | UE | No | No | No |
| ***logicalChannelSR-DelayTimer***  Indicates whether the UE supports the *logicalChannelSR-DelayTimer* as specified in TS 38.321 [8]. | UE | No | Yes | No |
| ***longDRX-Cycle***  Indicates whether UE supports long DRX cycle as specified in TS 38.321 [8]. | UE | Yes | Yes | No |
| ***mg-ActivationCommPRS-Meas-r17***  Indicates whether UE supports preconfiguration of MGs in RRC signalling for PRS measurements and the use of DL MAC CE from the gNB, as specified in TS 38.321 [8], to activate/deactivate the preconfigured MG for PRS measurements. | UE | No | No | No |
| ***mg-ActivationRequestPRS-Meas-r17***  Indicates whether UE supports preconfiguration of MGs in RRC signalling for PRS measurements and supports the use of UL MAC CE, as specified in TS 38.321 [8], to request the activation/deactivation of the preconfigured MG for PRS measurements. The UE can include this field only if the UE supports *mg-ActivationCommPRS-Meas-r17*. | UE | No | No | No |
| ***mTRP-PUSCH-PHR-Type1-Reporting-r17***  Indicates whether UE supports reporting of Type 1 power headroom information only for the case where the Serving Cell is configured with multiple TRP PUSCH repetitions and the MAC entity this Serving Cell belongs to is configured with *twoPHRMode* as specified in TS 38.321[8].  This feature is mandatory if the UE supports *mTRP-PUSCH-twoPHR-Reporting-r17* for at least one frequency band. | UE | CY | No | No |
| ***multipleConfiguredGrants***  Indicates whether UE supports more than one configured grant configurations (including both Type 1 and Type 2) in a cell group. For each cell, the UE supports at most one configured grant per BWP and the maximum number of configured grant configurations per cell group is 2. If absent, for each configured cell group, the UE only supports one configured grant configuration on one serving cell. | UE | No | Yes | No |
| ***multipleSR-Configurations***  Indicates whether the UE supports 8 SR configurations per PUCCH cell group as specified in TS 38.321 [8]. | UE | No | Yes | No |
| ***non-IntegerDRX-r18***  Indicates whether the UE supports non-integer DRX periodicity as specified in TS 38.331 [9] and TS 38.321 [8]. | UE | No | No | No |
| ***recommendedBitRate***  Indicates whether the UE supports the bit rate recommendation message from the gNB to the UE as specified in TS 38.321 [8]. | UE | No | No | No |
| ***recommendedBitRateMultiplier-r16***  Indicates whether the UE supports the bit rate multiplier for recommended bit rate MAC CE as specified in TS 38.321 [8], clause 6.1.3.20. This field is only applicable if the UE supports *recommendedBitRate*. | UE | No | No | No |
| ***recommendedBitRateQuery***  Indicates whether the UE supports the bit rate recommendation query message from the UE to the gNB as specified in TS 38.321 [8]. This field is only applicable if the UE supports *recommendedBitRate*. | UE | No | No | No |
| ***secondaryDRX-Group-r16***  Indicates whether UE supports secondary DRX group as specified in TS 38.321 [8]. | UE | No | Yes | No |
| ***shortDRX-Cycle***  Indicates whether UE supports short DRX cycle as specified in TS 38.321 [8]. | UE | Yes | Yes | No |
| ***simultaneousSR-PUSCH-DiffPUCCH-groups-r17***  Indicates whether the UE supports simultaneous transmission of SR and PUSCH in different PUCCH groups as specified in TS 38.321 [8]. | UE | No | No | No |
| ***singlePHR-P-r16***  Indicates whether UE supports the P bit in single PHR MAC CE as specified in TS 38.321 [8]. | UE | No | No | No |
| ***skipUplinkTxDynamic***  Indicates whether the UE supports skipping of UL transmission for an uplink grant indicated on PDCCH if no data is available for transmission as specified in TS 38.321 [8]. | UE | No | Yes | No |
| ***spCell-BFR-CBRA-r16***  Indicates whether the UE supports sending BFR MAC CE for SpCell BFR as specified in TS 38.321 [8]. | UE | No | No | No |
| ***srs-ResourceId-Ext-r16***  Indicates whether the UE supports the extended 6-bit (Positioning) SRS resource ID in SP Positioning SRS Activation/Deactivation MAC CE, as specified in TS 38.321 [8]. | UE | No | No | No |
| ***sr-TriggeredBy-TA-Report-r17***  Indicates whether the UE supports triggering of SR when a TA report is triggered and there are no available UL-SCH resources. A UE supporting this feature shall also indicate the support of *nonTerrestrialNetwork-r17*. | UE | No | No | No |
| ***sr-TriggeredByTA-ReportATG-r18***  Indicates whether the UE supports triggering of SR when a TA report is triggered and there are no available UL-SCH resources. A UE supporting this feature shall also indicate the support of *uplinkTA-ReportingATG-r18*. | UE | No | No | FR1 only |
| ***survivalTime-r17***  Indicates whether the UE supports services with survival time requirement using configured grant resource and PDCP duplication, as specified in TS 38.321 [8]. A UE supporting this feature shall support *pdcp-DuplicationMCG-orSCG-DRB* or *pdcp-DuplicationSplitDRB*. A UE supporting this feature shall also support of at least one of *configuredUL-GrantType1*, *configuredUL-GrantType2*, *configuredUL-GrantType1-v1650* or *configuredUL-GrantType2-v1650*. | UE | No | No | No |
| ***tdd-MPE-P-MPR-Reporting-r16***  Indicates whether the UE supports P-MPR reporting for Maximum Permissible Exposure, as specified in TS 38.321 [8]. | UE | No | TDD only | FR2 only |
| *ul-LBT-FailureDetectionRecovery-r16*  Indicates whether the UE supports consistent uplink LBT detection and recovery, as specified in TS 38.321 [8], for cells operating with shared spectrum channel access.  This field applies to all serving cells with which the UE is configured with shared spectrum channel access. | UE | No | No | No |
| *ul-RateControl-r19*  Indicates whether the UE supports UL rate control MAC CE from the gNB to the UE, as specified in TS 38.321 [8].  [Editor’s note] FFS whether there is a separate UE capability for UL rate query. | UE | No | No | No |
| ***uplink-Harq-ModeB-r17***  Indicates whether the UE supports HARQ Mode B and the corresponding LCP restrictions for uplink transmission. A UE supporting this feature shall also indicate the support of *nonTerrestrialNetwork-r17*. | UE | No | No | No |

End of Change

# Annex: RAN2 UE capability feature list

According to the following agreements made in RAN2#129bis (R2-2502767), RAN2 determined UE capabilities in the feature list format for TR 38.822 is included.

The 306 CRs shall include an annex containing the RAN2 determined UE capabilities in the feature list format (similar to annex containing RAN2 agreements), for easy compilation into the TR38.822 in the later stage (as agreed in RAN2 #116-e). The annex of RAN2 determined UE capabilities feature list should align with field description.

### 8.2.x NR\_XR\_Ph3-Core

Table 8.2.x-1: Layer-2 and Layer-3 feature list for NR\_XR\_Ph3-Core

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Features | Index | Feature group | Components | Prerequisite feature groups | Field name in TS 38.331 [2] | Parent IE in TS 38.331 [2] | Need of FDD/TDD differentiation | Need of FR1/FR2 differentiation | Note | Mandatory/Optional |
| X. NR\_XR\_Ph3-Core | x-1 | Dynamic logical channel priority based on delay status | Indicates whether the UE supports logical channel priority adjustment based on [delay status] of buffered data, as specified in TS 38.321 [8]. |  | *lcp-PriorityAdjustment-r19* | *MAC-ParametersCommon* | No | No |  | Optional with capability signalling |
| x-2 | Enhanced delay status report | Indicates whether the UE supports the delay status report of the buffered data using multiple reporting thresholds, as specified in TS 38.321 [8], TS 38.331 [9], TS 38.323 [16] and TS 38.322 [36]. |  | *enhancedDelayStatusReport-r19* | *MAC-ParametersCommon* | No | No |  | Optional with capability signalling |
| x-3 | UL rate control | Indicates whether the UE supports UL rate control MAC CE from the gNB to the UE, as specified in TS 38.321. |  | *ul-RateControl-r19* | *MAC-ParametersCommon* | No | No |  | Optional with capability signalling |
| x-4 | Autonomous RLC retransmission | Indicates whether the UE supports autonomous RLC retransmission based on [delay status], as specified in TS 38.322. |  | *autonomousRLC-ReTx-r19* | *RLC-Parameters* | No | No |  | Optional with capability signalling |
| x-5 | Enhanced polling | Indicates whether the UE supports enhanced polling based on [delay status], as specified in TS 38.322. |  | *enhancedPolling-r19* | *RLC-Parameters* | No | No |  | Optional with capability signalling |