**SA WG2 Meeting S2-159 List of Documents**

**09 - 13 October, 2023, Xiamen, P.R. China**

List for Meeting: S2-159 **All Sessions**  
**Temporary Documents List - Ordered by Agenda Item**

| **AI** | **TD#** | **Type** | **Doc For** | **Subject** | **Source** | **Rel** | **Work Item** | **Comments** | **Result** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9.12.2 | - | - | - | XR (Extended Reality) and media services (XRM) | - | - | Dario | Docs:=121 | - |
| 9.12.2 | - | - | - | LSs |  | - |  | Docs=39 | - |
| 9.12.2 | **[S2-2310101](Docs/S2-2310101.zip)** | LS In | Action | LS from CT WG3: LS on Issues on estimated bandwidth for 5QI exposed by NWDAF to AF | CT WG3 (C3-233584) | Rel-18 | XRM, eNA\_Ph3 | Responses drafted in S2-2310252, S2-2310419, S2-2310635, S2-2311059 |  |
| 9.12.2 | **[S2-2310252](Docs/S2-2310252.zip)** | LS OUT | Approval | [DRAFT] Reply LS on issues on estimated bandwidth for 5QI exposed by NWDAF to AF | China Mobile | Rel-18 |  | Response to S2-2310101 | Baseline |
| 9.12.2 | **[S2-2310250](Docs/S2-2310250.zip)** | CR | Approval | 23.501 CR4943 (Rel-18, 'F'): Correction on network exposure of estimated bandwidth | China Mobile | Rel-18 | XRM |  | Baseline |
| 9.12.2 | **[S2-2310419](Docs/S2-2310419.zip)** | LS OUT | Approval | [DRAFT] Reply LS on Issues on estimated bandwidth for 5QI exposed by NWDAF to AF | LG Electronics | Rel-18 | XRM | Response to S2-2310101 | Merge into 0252? |
| 9.12.2 | **[S2-2310420](Docs/S2-2310420.zip)** | CR | Approval | 23.501 CR4971 (Rel-18, 'F'): Clarification on the use of NWDAF analytics for XR services | LG Electronics | Rel-18 | XRM |  | Merge into 0250? |
| 9.12.2 | **[S2-2310635](Docs/S2-2310635.zip)** | LS OUT | Approval | [DRAFT] LS reply on network exposure of estimated bandwidth for 5QI | China Telecom Corporation Ltd. | Rel-18 | XRM | Response to S2-2310101 | Merge into 0252? |
| 9.12.2 | **[S2-2310406](Docs/S2-2310406.zip)** | CR | Approval | 23.501 CR4968 (Rel-18, 'F'): Correction on network exposure of Estimated bandwidth for 5QI | China Telecom | Rel-18 | XRM |  | Merge into 0250? |
| 9.12.2 | **[S2-2311059](Docs/S2-2311059.zip)** | LS OUT | Approval | Reply LS on Issues on estimated bandwidth for 5QI exposed by NWDAF to AF | Qualcomm | Rel-18 | XRM | Response to S2-2310101 | Merge into 0252? |
| 9.12.2 | **[S2-2311056](Docs/S2-2311056.zip)** | CR | Approval | 23.501 CR4906R1 (Rel-18, 'F'): Correction on Network Exposure of 5GS information | Qualcomm Incorporated | Rel-18 | XRM | Revision of S2-2309340 | Merge into 0250? |
| 9.12.2 | **[S2-2310102](Docs/S2-2310102.zip)** | LS In | Action | LS from CT WG3: LS on Issues on QoS Monitoring parameters for XR service | CT WG3 (C3-233649) | Rel-18 | XRM | Responses drafted in S2-2310254, S2-2310360, S2-2310421, S2-2310442, S2-2310549, S2-2310555, S2-2310731, S2-2310866, S2-2310979 |  |
| 9.12.2 | **[S2-2310549](Docs/S2-2310549.zip)** | LS OUT | Approval | [DRAFT] LS reply to CT3 about Issues on QoS Monitoring parameters for XR service | Huawei, HiSilicon | Rel-18 | XRM | Response to S2-2310102 | Baseline |
| 9.12.2 | **[S2-2310360](Docs/S2-2310360.zip)** | LS OUT | Approval | [DRAFT] LS reply on Issues on QoS Monitoring parameters for XR service | vivo | Rel-18 | XRM | Response to S2-2310102 | Merge into 0549? |
| 9.12.2 | **[S2-2310350](Docs/S2-2310350.zip)** | CR | Approval | 23.501 CR4736R1 (Rel-18, 'F'): Update for QoS monitoring and network exposure | Vivo, Lenovo, Tencent, Tencent Cloud, LG Electronics, China Mobile | Rel-18 | XRM | Revision of S2-2308580 | Baseline |
| 9.12.2 | **[S2-2310421](Docs/S2-2310421.zip)** | LS OUT | Approval | [DRAFT] Reply LS on Issues on QoS Monitoring parameters for XR service | LG Electronics | Rel-18 | XRM | Response to S2-2310102 | Merge into 0549? |
| 9.12.2 | **[S2-2310422](Docs/S2-2310422.zip)** | CR | Approval | 23.501 CR4972 (Rel-18, 'F'): Clarification on QoS monitoring reporting for XR services | LG Electronics | Rel-18 | XRM |  | Merge into 0350? |
| 9.12.2 | **[S2-2310254](Docs/S2-2310254.zip)** | LS OUT | Approval | [DRAFT] Reply LS on Issues on QoS Monitoring parameters for XR service | China Mobile | Rel-18 |  | Response to S2-2310102 | Merge into 0549? |
| 9.12.2 | **[S2-2310661](Docs/S2-2310661.zip)** | CR | Approval | 23.501 CR4999 (Rel-18, 'F'): Clarification on TSCAI for XR services and correction about the NG-RAN congestion information exposure | China Mobile | Rel-18 | XRM |  | Merge into 0350? |
| 9.12.2 | **[S2-2310442](Docs/S2-2310442.zip)** | LS OUT | Approval | [DRAFT] Reply LS on Issues on QoS Monitoring parameters for XR service | Tencent, Tencent Cloud | Rel-18 |  | Response to S2-2310102 | Merge into 0549? |
| 9.12.2 | **[S2-2310555](Docs/S2-2310555.zip)** | LS OUT | Approval | [DRAFT] LS on Issues on QoS Monitoring parameters for XR service | CATT | Rel-18 | XRM | Response to S2-2310102 | Merge into 0549? |
| 9.12.2 | **[S2-2310731](Docs/S2-2310731.zip)** | LS OUT | Approval | [DRAFT] Reply LS on Issues on QoS Monitoring parameters for XR service | Ericsson | Rel-18 | XRM | Response to S2-2310102 | Merge into 0549? |
| 9.12.2 | **[S2-2310866](Docs/S2-2310866.zip)** | LS OUT | Approval | [DRAFT] Reply LS on clarification for Issues on QoS Monitoring parameters for XR service | Nokia, Nokia Shanghai Bell | Rel-18 | XRM | Response to S2-2310102 | Merge into 0549? |
| 9.12.2 | **[S2-2310867](Docs/S2-2310867.zip)** | CR | Approval | 23.501 CR5025 (Rel-18, 'F'): Clarification of QoS flow repeporting for event triggered case 23.501 | Nokia, Nokia Shanghai Bell | Rel-18 | XRM |  | Merge into 0350? |
| 9.12.2 | **[S2-2310868](Docs/S2-2310868.zip)** | CR | Approval | 23.503 CR1180 (Rel-18, 'F'): Clarification of QoS flow repeporting for event triggered case 23.503 | Nokia, Nokia Shanghai Bell | Rel-18 | XRM |  | Baseline |
| 9.12.2 | **[S2-2310979](Docs/S2-2310979.zip)** | LS OUT | Approval | [DRAFT] LS Reply on Issues on QoS Monitoring Parameters for XR service | Xiaomi | Rel-18 | XRM | Response to S2-2310102 | Merge into 0549? |
| 9.12.2 | **[S2-2310108](Docs/S2-2310108.zip)** | LS In | Action | LS from CT WG4: LS on Data rate monitoring | CT WG4 (C4-233573) | Rel-18 | XRM | Responses drafted in S2-2310256, S2-2310359, S2-2310548, S2-2310556, S2-2310978 |  |
| 9.12.2 | **[S2-2310556](Docs/S2-2310556.zip)** | LS OUT | Approval | [DRAFT] LS on Data rate monitoring | CATT | Rel-18 | XRM | Response to S2-2310108 | Baseline |
| 9.12.2 | **[S2-2310978](Docs/S2-2310978.zip)** | LS OUT | Approval | [DRAFT] LS Reply on Data Rate Monitoring | Xiaomi | Rel-18 | XRM | Response to S2-2310108 | Separate handling |
| 9.12.2 | **[S2-2310256](Docs/S2-2310256.zip)** | LS OUT | Approval | [DRAFT] Reply LS on Issues on Data rate monitoring | China Mobile | Rel-18 |  | Response to S2-2310108 | Merge into 0556? |
| 9.12.2 | **[S2-2310359](Docs/S2-2310359.zip)** | LS OUT | Approval | [DRAFT] LS reply on Data rate monitoring | vivo | Rel-18 | XRM | Response to S2-2310108 | Merge into 0556? |
| 9.12.2 | **[S2-2310548](Docs/S2-2310548.zip)** | LS OUT | Approval | [DRAFT] LS reply to CT4 about Data rate monitoring | Huawei, HiSilicon | Rel-18 | XRM | Response to S2-2310108 | Merge into 0556? |
| 9.12.2 | **[S2-2310129](Docs/S2-2310129.zip)** | LS In | Action | LS from SA WG4: LS on PDU Set Size and signaling aspects | SA WG4 (S4-231435) | Rel-18 | 5G\_RTP, XRM | Responses drafted in S2-2310358, S2-2310557, S2-2310641, S2-2310922, S2-2311047, S2-2311048 |  |
| 9.12.2 | **[S2-2310922](Docs/S2-2310922.zip)** | LS OUT | Approval | [DRAFT] Reply LS on PDU Set Size and signaling aspects | Lenovo | Rel-18 |  | Response to S2-2310129 | Baseline |
| 9.12.2 | **[S2-2310358](Docs/S2-2310358.zip)** | LS OUT | Approval | [DRAFT] LS reply on PDU Set Size and signaling aspects | vivo | Rel-18 | XRM | Response to S2-2310129 | Merge into 0922? |
| 9.12.2 | **[S2-2310557](Docs/S2-2310557.zip)** | LS OUT | Approval | [DRAFT] LS on PDU Set Size and signaling aspects | CATT | Rel-18 | XRM | Response to S2-2310129 | Merge into 0922? |
| 9.12.2 | **[S2-2310641](Docs/S2-2310641.zip)** | LS OUT | Approval | [DRAFT] Reply LS on PDU Set Size and signaling aspects | Huawei, HiSilicon | Rel-18 | XRM | Response to S2-2310129 | Merge into 0922? |
| 9.12.2 | **[S2-2311047](Docs/S2-2311047.zip)** | LS OUT | Approval | [DRAFT] LS reply on PDU Set Size and signaling aspects | Tencent, Tencent Cloud | Rel-18 | XRM | Response to S2-2310129 | Merge into 0922? |
| 9.12.2 | **[S2-2311048](Docs/S2-2311048.zip)** | LS OUT | Approval | Reply LS on PDU Set Size and signaling aspects | Qualcomm | Rel-18 | XRM | Response to S2-2310129 | Merge into 0922? |
| 9.12.2 | **[S2-2310911](Docs/S2-2310911.zip)** | DISCUSSION | Discussion | Discussion RTP header IP version mismatch between content provider and 5GS. | Lenovo |  |  |  |  |
| 9.12.2 | **[S2-2310912](Docs/S2-2310912.zip)** | CR | Approval | 23.501 CR5028 (Rel-18, 'F'): Addressing IP version mismatch for RTP packets with RTP header extension | Lenovo | Rel-18 | XRM |  | Baseline |
| 9.12.2 | - | - | - | KI#4&5 PDU set handling for UL |  | - | Dario | Docs:=15 | - |
| 9.12.2 | **[S2-2310724](Docs/S2-2310724.zip)** | CR | Approval | 23.501 CR5003 (Rel-18, 'C'): Uplink PDU Set QoS | Qualcomm | Rel-18 | XRM |  | Baseline |
| 9.12.2 | **[S2-2310642](Docs/S2-2310642.zip)** | CR | Approval | 23.501 CR4994 (Rel-18, 'F'): Update on support of PDU Set handling | Huawei, HiSilicon | Rel-18 | XRM |  | Merge into 0724? |
| 9.12.2 | **[S2-2310669](Docs/S2-2310669.zip)** | CR | Approval | 23.501 CR4744R1 (Rel-18, 'B'): PDU Set based QoS Handling for uplink transmission | China Mobile | Rel-18 | XRM | Revision of S2-2308599 | Merge into 0724? |
| 9.12.2 | **[S2-2310551](Docs/S2-2310551.zip)** | CR | Approval | 23.501 CR4810R1 (Rel-18, 'C'): Remove the EN on UL PDU Set Handling | CATT | Rel-18 | XRM | Revision of S2-2308919 | Merge into 0724? |
| 9.12.2 | **[S2-2310803](Docs/S2-2310803.zip)** | CR | Approval | 23.501 CR5013 (Rel-18, 'F'): Clarification on Downlink and Uplink PDU Set based handling | Google | Rel-18 | XRM |  | Merge into 0724? |
| 9.12.2 | **[S2-2310259](Docs/S2-2310259.zip)** | LS OUT | Approval | [DRAFT] LS on PDU Set based handling for UL | China Mobile | Rel-18 |  |  | Baseline |
| 9.12.2 | **[S2-2310644](Docs/S2-2310644.zip)** | LS OUT | Approval | [DRAFT] LS on PDU Set identification for uplink XR traffic | Huawei, HiSilicon | Rel-18 | XRM |  | Merge into 0259? |
| 9.12.2 | **[S2-2310579](Docs/S2-2310579.zip)** | LS OUT | Approval | [DRAFT] LS on PDU Set Handling | vivo | Rel-19 | FS\_XRM\_Ph2 |  | Merge into 0259? |
| 9.12.2 | **[S2-2310804](Docs/S2-2310804.zip)** | LS OUT | Approval | [DRAFT] LS on uplink and downlink PDU set based handling | Google Inc. | Rel-18 | XRM |  | Merge into 0259? |
| 9.12.2 | **[S2-2310643](Docs/S2-2310643.zip)** | DISCUSSION | Information | Discussion on PDU Set identification for uplink XR traffic. | Huawei, HiSilicon | Rel-18 | XRM |  |  |
| 9.12.2 | **[S2-2310720](Docs/S2-2310720.zip)** | DISCUSSION | Agreement | System aspects of UL PDU Set QoS enforcement. | Qualcomm | Rel-18 | XRM |  |  |
| 9.12.2 | **[S2-2310802](Docs/S2-2310802.zip)** | DISCUSSION | Discussion | Way forward for supporting uplink and downlink PDU set based handling. | Google | Rel-18 | XRM |  |  |
| 9.12.2 | **[S2-2310727](Docs/S2-2310727.zip)** | CR | Approval | 23.502 CR4506 (Rel-18, 'C'): UL PDU Set QoS | Qualcomm | Rel-18 | XRM |  | Low priority |
| 9.12.2 | **[S2-2310670](Docs/S2-2310670.zip)** | CR | Approval | 23.502 CR4297R1 (Rel-18, 'B'): PDU Set based QoS Handling for uplink direction | China Mobile | Rel-18 | XRM | Revision of S2-2308600 | Low priority |
| 9.12.2 | **[S2-2310728](Docs/S2-2310728.zip)** | CR | Approval | 23.503 CR1176 (Rel-18, 'C'): UL PDU Set QoS | Qualcomm Incorporated | Rel-18 | XRM |  | Low priority |
| 9.12.2 | - | - | - | KI#8 UE power saving management |  | - | Dario | Docs:=11 | - |
| 9.12.2 | **[S2-2310336](Docs/S2-2310336.zip)** | CR | Approval | 23.501 CR4957 (Rel-18, 'F'): Correcting the Description of the N6 Traffic Parameter Measurement Report | InterDigital Inc., NTT DOCOMO | Rel-18 | XRM |  | Baseline |
| 9.12.2 | **[S2-2310353](Docs/S2-2310353.zip)** | CR | Approval | 23.501 CR4739R1 (Rel-18, 'F'): Update for UE power saving management | Vivo, Lenovo | Rel-18 | XRM | Revision of S2-2308588 | Merge into 0336? |
| 9.12.2 | **[S2-2310205](Docs/S2-2310205.zip)** | CR | Approval | 23.501 CR4931 (Rel-18, 'F'): Clarification and alignment for UE power saving management | Tencent, Tencent Cloud | Rel-18 | XRM |  | Merge into 0336? |
| 9.12.2 | **[S2-2310586](Docs/S2-2310586.zip)** | CR | Approval | 23.501 CR4985 (Rel-18, 'F'): Clarify power saving handing | MediaTek Inc. | Rel-18 | XRM |  | Merge into 0336? |
| 9.12.2 | **[S2-2310884](Docs/S2-2310884.zip)** | CR | Approval | 23.501 CR5027 (Rel-18, 'F'): Clarifications for Traffic Characteristics Monitoring | Huawei, HiSilicon | Rel-18 | XRM |  | Merge into 0336? |
| 9.12.2 | **[S2-2310620](Docs/S2-2310620.zip)** | CR | Approval | 23.501 CR4814R1 (Rel-18, 'F'): Clarification on the N6 jitter range, TSCAI and End of data burst | ZTE | Rel-18 | XRM | Revision of S2-2308946 | Merge into 0336? |
| 9.12.2 | **[S2-2310618](Docs/S2-2310618.zip)** | CR | Approval | 23.502 CR4363R1 (Rel-18, 'F'): Clarification on the NEF service operation and procedure | ZTE | Rel-18 | XRM | Revision of S2-2308944 | Baseline |
| 9.12.2 | **[S2-2310354](Docs/S2-2310354.zip)** | CR | Approval | 23.502 CR4295R1 (Rel-18, 'F'): Update for UE power saving management | Vivo, Lenovo | Rel-18 | XRM | Revision of S2-2308589 | Merge into 0618? |
| 9.12.2 | **[S2-2310355](Docs/S2-2310355.zip)** | CR | Approval | 23.503 CR1104R1 (Rel-18, 'F'): Update for UE power saving management | Vivo, Lenovo | Rel-18 | XRM | Revision of S2-2308590 | Baseline |
| 9.12.2 | **[S2-2310619](Docs/S2-2310619.zip)** | CR | Approval | 23.503 CR1128R1 (Rel-18, 'F'): Clarification on the AF Qos request | ZTE | Rel-18 | XRM | Revision of S2-2308945 | Merge into 0619? |
| 9.12.2 | **[S2-2310649](Docs/S2-2310649.zip)** | CR | Approval | 23.503 CR1100R1 (Rel-18, 'F'): Traffic Parameters Measurement generation issue regarding UL and/or DL periodicity | Lenovo | Rel-18 | XRM | Revision of S2-2308579 | Merge into 0619? |
| 9.12.2 | - | - | - | KI#6 RT latency |  | - | Dario | Docs=7 | - |
| 9.12.2 | **[S2-2310553](Docs/S2-2310553.zip)** | CR | Approval | 23.501 CR4807R1 (Rel-18, 'F'): RT latency control and RT delay exposure for XR data flow | CATT | Rel-18 | XRM | Revision of S2-2308914. Incorrect TS version: - CR states 183.0! | Baseline |
| 9.12.2 | **[S2-2310356](Docs/S2-2310356.zip)** | CR | Approval | 23.501 CR4847R1 (Rel-18, 'F'): Update for control based on round-trip latency requirement | Vivo | Rel-18 | XRM | Revision of S2-2309085 | Merge into 0356? |
| 9.12.2 | **[S2-2310645](Docs/S2-2310645.zip)** | CR | Approval | 23.501 CR4995 (Rel-18, 'F'): Update on support of coordinated UL and DL transmission | Huawei, HiSilicon | Rel-18 | XRM |  | Merge into 0356? |
| 9.12.2 | **[S2-2310646](Docs/S2-2310646.zip)** | CR | Approval | 23.503 CR1174 (Rel-18, 'F'): Update on support of coordinated UL and DL transmission | Huawei, HiSilicon | Rel-18 | XRM |  | Baseline |
| 9.12.2 | **[S2-2310357](Docs/S2-2310357.zip)** | CR | Approval | 23.503 CR1134R1 (Rel-18, 'F'): Update for control based on round-trip latency requirement | Vivo | Rel-18 | XRM | Revision of S2-2309086. Incorrect TS version and CR rev number! | Merge into 0646? |
| 9.12.2 | **[S2-2310554](Docs/S2-2310554.zip)** | CR | Approval | 23.503 CR1125R1 (Rel-18, 'F'): RT latency control and RT delay exposure for XR data flow | CATT | Rel-18 | XRM | Revision of S2-2308915 | Merge into 0646? |
| 9.12.2 | **[S2-2310776](Docs/S2-2310776.zip)** | CR | Approval | 23.502 CR4510 (Rel-18, 'F'): RT Latency Indication for AF Session update procedure | China Mobile | Rel-18 | XRM |  | Low priority |
| 9.12.2 | - | - | - | KI#1&2 |  | - | Dario | Docs:=7 | - |
| 9.12.2 | **[S2-2310755](Docs/S2-2310755.zip)** | CR | Approval | 23.501 CR5009 (Rel-18, 'F'): Clarification and alignment on policy control enhancements to support multi-modal services | Tencent, Tencent Cloud | Rel-18 | XRM |  | Baseline |
| 9.12.2 | **[S2-2310883](Docs/S2-2310883.zip)** | CR | Approval | 23.501 CR4871R1 (Rel-18, 'F'): Clarifications of policy control enhancements for multi-modal services | Huawei, HiSilicon | Rel-18 | XRM | Revision of S2-2309190 | Merge into 0755? |
| 9.12.2 | **[S2-2310407](Docs/S2-2310407.zip)** | CR | Approval | 23.502 CR4485 (Rel-18, 'F'): Adding the necessary parameters for multi-modal services | China Telecom | Rel-18 | XRM |  | Baseline |
| 9.12.2 | **[S2-2310735](Docs/S2-2310735.zip)** | CR | Approval | 23.502 CR4181R1 (Rel-18, 'F'): Signaling procedures to support policy control enhancements for multi-modal services | Ericsson, Nokia, Nokia Shanghai Bell | Rel-18 | XRM | Revision of S2-2306611 | Merge into 0735? |
| 9.12.2 | **[S2-2310977](Docs/S2-2310977.zip)** | CR | Approval | 23.502 CR4421R1 (Rel-18, 'F'): Alignment update to support multi-modal flows | Xiaomi | Rel-18 | XRM | Revision of S2-2309247 | Merge into 0735? |
| 9.12.2 | **[S2-2310736](Docs/S2-2310736.zip)** | CR | Approval | 23.503 CR1049R1 (Rel-18, 'F'): Support for delivery of multi-modal services | Ericsson, Nokia, Nokia Shanghai Bell | Rel-18 | XRM | Revision of S2-2306612 | Baseline |
| 9.12.2 | **[S2-2310823](Docs/S2-2310823.zip)** | CR | Approval | 23.503 CR1132R1 (Rel-18, 'F'): Support for delivery of Multi-modal services | Lenovo | Rel-18 | XRM | Revision of S2-2309015 | Merge into 0736? |
| 9.12.2 | - | - | - | KI#3 Network Exposure-L4S |  | - | Dario | Docs=12 | - |
| 9.12.2 | **[S2-2310869](Docs/S2-2310869.zip)** | CR | Approval | 23.501 CR5026 (Rel-18, 'F'): Corrections of XRM-specific clauses | Nokia, Nokia Shanghai Bell | Rel-18 | XRM |  | Baseline |
| 9.12.2 | **[S2-2310552](Docs/S2-2310552.zip)** | CR | Approval | 23.501 CR4643R2 (Rel-18, 'F'): Packet filter for the L4S traffic | CATT | Rel-18 | XRM | Revision of S2-2308913 | Merge into 0552? |
| 9.12.2 | **[S2-2310824](Docs/S2-2310824.zip)** | CR | Approval | 23.501 CR4825R1 (Rel-18, 'F'): ECN marking for L4S indicator | Lenovo, vivo | Rel-18 | XRM | Revision of S2-2309016 | Merge into 0552? |
| 9.12.2 | **[S2-2310825](Docs/S2-2310825.zip)** | CR | Approval | 23.501 CR4827R1 (Rel-18, 'F'): SMF provisioning of available UPF | Lenovo | Rel-18 | XRM | Revision of S2-2309018 | Merge into 0552? |
| 9.12.2 | **[S2-2310859](Docs/S2-2310859.zip)** | CR | Approval | 23.501 CR5023 (Rel-18, 'F'): Update on ECN marking for L4S during handover | Tencent, Tencent Cloud | Rel-18 | XRM |  | Separate handling? |
| 9.12.2 | **[S2-2311102](Docs/S2-2311102.zip)** | CR | Approval | 23.501 CR4889R1 (Rel-18, 'F'): Misbehaving networking with explicit L4S requested from AF | Meta USA, Apple | Rel-18 | XRM | Revision of S2-2309273 | Merge into 0552? |
| 9.12.2 | **[S2-2310245](Docs/S2-2310245.zip)** | CR | Approval | 23.502 CR4459 (Rel-18, 'F'): Procedures for 5GS congestion exposure | Samsung | Rel-18 | XRM |  | Baseline |
| 9.12.2 | **[S2-2310246](Docs/S2-2310246.zip)** | CR | Approval | 23.502 CR4460 (Rel-18, 'F'): Procedures for UPF relocation considering congestion exposure | Samsung | Rel-18 | XRM |  | Merge into 0245? |
| 9.12.2 | **[S2-2310734](Docs/S2-2310734.zip)** | CR | Approval | 23.502 CR4508 (Rel-18, 'F'): Support of ECN Marking Indication for L4S | Ericsson | Rel-18 | XRM |  | Merge into 0245? |
| 9.12.2 | **[S2-2310826](Docs/S2-2310826.zip)** | CR | Approval | 23.502 CR4381R1 (Rel-18, 'F'): SMF provisioning of available UPF | Lenovo | Rel-18 | XRM | Revision of S2-2309019 | Merge into 0245? |
| 9.12.2 | **[S2-2310647](Docs/S2-2310647.zip)** | CR | Approval | 23.503 CR1175 (Rel-18, 'F'): Update on support of ECN marking for L4S | Huawei, HiSilicon | Rel-18 | XRM |  | Baseline |
| 9.12.2 | **[S2-2310633](Docs/S2-2310633.zip)** | CR | Approval | 23.503 CR1173 (Rel-18, 'F'): Congestion information exposure | MediaTek Inc. | Rel-18 | XRM |  | Merge into 0633? |
| 9.12.2 | - | - | - | KI#4&5 PDU set |  | - | Dario | Docs:=11 | - |
| 9.12.2 | **[S2-2310131](Docs/S2-2310131.zip)** | LS In | Action | LS Reply on Design of RTP Header Extension for PDU Set Handling | SA WG4 (S4-231592) | Rel-18 | 5G\_RTP, XRM |  |  |
| 9.12.2 | **[S2-2311058](Docs/S2-2311058.zip)** | CR | Approval | 23.501 CR5044 (Rel-18, 'F'): PDU Set Handling for unidentified PDUs | NTT DOCOMO | Rel-18 | XRM |  | Separate handling |
| 9.12.2 | **[S2-2310806](Docs/S2-2310806.zip)** | CR | Approval | 23.501 CR5014 (Rel-18, 'F'): Clarification on QoS flow mapping and service data flow | Google | Rel-18 | XRM |  | Separate handling |
| 9.12.2 | **[S2-2310730](Docs/S2-2310730.zip)** | CR | Approval | 23.501 CR5005 (Rel-18, 'F'): Ensuring uniqueness of PDU Set Sequence Numbers | Qualcomm Incorporated | Rel-18 | XRM |  | Separate handling |
| 9.12.2 | **[S2-2310858](Docs/S2-2310858.zip)** | CR | Approval | 23.501 CR5022 (Rel-18, 'F'): Update on the dertermination of the PDU Set importance value | Tencent, Tencent Cloud | Rel-18 | XRM |  | Separate handling |
| 9.12.2 | **[S2-2310739](Docs/S2-2310739.zip)** | CR | Approval | 23.501 CR5008 (Rel-18, 'F'): Correction and clarification of the Protocol Description definition | Ericsson | Rel-18 | XRM | Check Affected Clauses! | Separate handling |
| 9.12.2 | **[S2-2310243](Docs/S2-2310243.zip)** | CR | Approval | 23.501 CR4940 (Rel-18, 'F'): Fix terminology on PDU Set QoS handling | Samsung | Rel-18 | XRM |  | Separate handling |
| 9.12.2 | **[S2-2310244](Docs/S2-2310244.zip)** | CR | Approval | 23.501 CR4941 (Rel-18, 'F'): Reflective QoS for UL PDU Set QoS handling | Samsung | Rel-18 | XRM |  | Separate handling |
| 9.12.2 | **[S2-2310585](Docs/S2-2310585.zip)** | CR | Approval | 23.501 CR4984 (Rel-18, 'F'): PDU Set marking resumption after handover | MediaTek Inc. | Rel-18 | XRM |  | Separate handling |
| 9.12.2 | **[S2-2310650](Docs/S2-2310650.zip)** | CR | Approval | 23.501 CR4997 (Rel-18, 'F'): Terminology alignment for PDU set based handling | Lenovo | Rel-18 | XRM |  | Separate handling |
| 9.12.2 | **[S2-2311153](Docs/S2-2311153.zip)** | CR | Approval | 23.501 CR5059 (Rel-18, 'F'): Handling of QoS flows when PDU Set QoS cannot be admitted | Qualcomm | Rel-18 | XRM |  | Separate handling |
| 9.12.2 | - | - | - | KI#4&5 PDU set for non-homogeneous |  | - | Dario | Docs:=7 |  |
| 9.12.2 | **[S2-2310733](Docs/S2-2310733.zip)** | CR | Approval | 23.501 CR5006 (Rel-18, 'F'): Support of PDU Set handling in non-homogeneous deployments | Ericsson | Rel-18 | XRM |  | Baseline |
| 9.12.2 | **[S2-2310784](Docs/S2-2310784.zip)** | CR | Approval | 23.501 CR5012 (Rel-18, 'F'): Clarification on scenarios for enabling/disabling downlink PDU Set based Handling | Google | Rel-18 | XRM |  | Merge into 0733? |
| 9.12.2 | **[S2-2310785](Docs/S2-2310785.zip)** | CR | Approval | 23.502 CR4511 (Rel-18, 'F'): Clarification on procedures for scenarios to enable/disable PDU Set based handling | Google | Rel-18 | XRM |  | Baseline |
| 9.12.2 | **[S2-2310788](Docs/S2-2310788.zip)** | CR | Approval | 23.502 CR4512 (Rel-18, 'F'): Clarification on Service Request Procedure for PDU Set based handling | Google | Rel-18 | XRM |  | Merge into 0785? |
| 9.12.2 | **[S2-2310800](Docs/S2-2310800.zip)** | CR | Approval | 23.502 CR4514 (Rel-18, 'F'): Clarification on PDU Set based handling during UE states transition | Google | Rel-18 | XRM |  | Merge into 0785? |
| 9.12.2 | **[S2-2310860](Docs/S2-2310860.zip)** | CR | Approval | 23.502 CR4522 (Rel-18, 'F'): Procedures update related with QoS monitoring and PDU Set handling to support the handover | Tencent, Tencent Cloud | Rel-18 | XRM |  | Merge into 0785? |
| 9.12.2 | **[S2-2310732](Docs/S2-2310732.zip)** | CR | Approval | 23.502 CR4507 (Rel-18, 'F'): Clarification of indication for PDU Set Handling support on N2 | Ericsson | Rel-18 | XRM |  | Merge into 0785? |
| 9.12.2 | - | - | - | KI#3 Network Exposure-General |  | - | Dario | Docs:=10 | - |
| 9.12.2 | **[S2-2310648](Docs/S2-2310648.zip)** | CR | Approval | 23.501 CR4996 (Rel-18, 'F'): Corrections on 5GS information exposure | Huawei, HiSilicon | Rel-18 | XRM |  |  |
| 9.12.2 | **[S2-2310737](Docs/S2-2310737.zip)** | CR | Approval | 23.501 CR5007 (Rel-18, 'F'): Incomplete definition of QoS Monitoring for XRM | Ericsson | Rel-18 | XRM |  |  |
| 9.12.2 | **[S2-2310583](Docs/S2-2310583.zip)** | CR | Approval | 23.501 CR4982 (Rel-18, 'F'): Update information exposure | MediaTek Inc. | Rel-18 | XRM |  |  |
| 9.12.2 | **[S2-2310882](Docs/S2-2310882.zip)** | CR | Approval | 23.501 CR4812R1 (Rel-18, 'F'): Corrections for traffic characteristics parameters in Alternative QoS Profile | Huawei, HiSilicon | Rel-18 | XRM | Revision of S2-2308925 |  |
| 9.12.2 | **[S2-2310351](Docs/S2-2310351.zip)** | CR | Approval | 23.502 CR4293R1 (Rel-18, 'F'): Update for QoS monitoring and network exposure | Vivo, Lenovo, Tencent, Tencent Cloud, China Mobile | Rel-18 | XRM | Revision of S2-2308581 |  |
| 9.12.2 | **[S2-2310352](Docs/S2-2310352.zip)** | CR | Approval | 23.503 CR1101R1 (Rel-18, 'F'): Update for QoS monitoring and network exposure | Vivo, Lenovo, Tencent, Tencent Cloud, China Mobile | Rel-18 | XRM | Revision of S2-2308582 |  |
| 9.12.2 | **[S2-2310405](Docs/S2-2310405.zip)** | CR | Approval | 23.503 CR1168 (Rel-18, 'F'): Clarifications on the QoS Monitoring control related statement | China Telecom | Rel-18 | XRM |  |  |
| 9.12.2 | **[S2-2310738](Docs/S2-2310738.zip)** | CR | Approval | 23.503 CR1177 (Rel-18, 'F'): Incomplete definition of QoS Monitoring for PDV and RTT over two service data flows. | Ericsson | Rel-18 | XRM |  |  |
| 9.12.2 | **[S2-2310865](Docs/S2-2310865.zip)** | CR | Approval | 23.503 CR1179 (Rel-18, 'F'): Support of extra traffic characteristics for alternative QoS profile | Nokia, Nokia Shanghai Bell | Rel-18 | XRM |  |  |
| 9.12.2 | **[S2-2310885](Docs/S2-2310885.zip)** | CR | Approval | 23.503 CR1182 (Rel-18, 'F'): Clarifications for traffic characteristics monitoring | Huawei, HiSilicon | Rel-18 | XRM |  |  |
| 9.12.2 | - | - | - | KI#7 Packet Delay Variation |  | - | Dario | Docs:=2 | - |
| 9.12.2 | **[S2-2310621](Docs/S2-2310621.zip)** | CR | Approval | 23.501 CR4815R1 (Rel-18, 'F'): Modification to the Packet delay variation monitoring | ZTE | Rel-18 | XRM | Revision of S2-2308947 |  |
| 9.12.2 | **[S2-2310756](Docs/S2-2310756.zip)** | CR | Approval | 23.501 CR5010 (Rel-18, 'F'): Text alignment for packet delay variation (PDV) monitoring and reporting | Tencent, Tencent Cloud | Rel-18 | XRM |  |  |

**END OF LIST**