## List of agreed CRs to be sent to TSG SA: 32

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **TDoc** | **Title** | **TDoc Status** | **Release** | **Spec** | **Version** | **Related WIs** | **CR** | **CR revision** | **CR category** |
| [**S4-221273**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221273.zip) | correction of implementation error of CR0657 | **agreed** | [**Rel-16**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=191) | [**26.346**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=1452) | 16.10.0 | [**TEI16**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=770050) | 0662 |   | F |
| [**S4-221274**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221274.zip) | correction of implementation error of CR0657 | **agreed** | [**Rel-17**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [**26.346**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=1452) | 17.1.0 | [**TEI16**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=770050) | 0663 |   | A |
| [**S4-221463**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221463.zip) | Inclusive language review – Update to fixed-point basic operators | **agreed** | [**Rel-17**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [**26.973**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3326) | 17.0.0 | [**TEI17**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=850047) | 0008 |   | D |
| [**S4-221478**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221478.zip) | CR TS 26.346-0666 Changes regarding ROM SACH (Rel-16) | **agreed** | [**Rel-16**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=191) | [**26.346**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=1452) | 16.10.0 | AE\_enTV-S4, TEI16 | 0666 | 1 | F |
| [**S4-221479**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221479.zip) | TS 26.346 Changes regarding ROM SACH | **agreed** | [**Rel-17**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [**26.346**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=1452) | 17.1.0 | AE\_enTV-S4, TEI16 | 0667 | 1 | A |
| [**S4-221481**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221481.zip) | Corrections to ROM SACH IP Addresses | **agreed** | [**Rel-17**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [**26.347**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3009) | 17.1.0 | AE\_enTV-S4, TEI17 | 0015 |   | F |
| [**S4-221484**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221484.zip) | CR to TS 26.502 Correction of FSA ID | **agreed** | [**Rel-17**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [**26.502**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3916) | 17.2.0 | [**5MBUSA**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920010) | 0010 | 1 | F |
| [**S4-221497**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221497.zip) | [5MBUSA] Correction of interworking for Group Communication | **agreed** | [**Rel-17**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [**26.502**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3916) | 17.2.0 | [**5MBUSA**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920010) | 0011 | 2 | F |
| [**S4-221498**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221498.zip) | [5MBP3] Alignment of User Service Announcement with Stage 2 | **agreed** | [**Rel-17**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [**26.517**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4018) | 17.0.0 | [**5MBP3**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=940008) | 0003 | 2 | F |
| [**S4-221502**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221502.zip) | [5GMS\_Ph2] Uplink high level procedure | **agreed** | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) | [**26.501**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3582) | 17.3.0 | [**5GMS\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=960047) | 0041 | 1 | B |
| [**S4-221503**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221503.zip) | [5GMSA\_Ph2] Uplink streaming: removing FLUS and updating the workflows | **agreed** | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) | [**26.501**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3582) | 17.3.0 | [**5GMS\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=960047) | 0042 | 1 | B |
| [**S4-221514**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221514.zip) | Corrections for idle noise and sidetone requirements (electrical interface UE) | **agreed** | [**Rel-17**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [**26.131**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=1408) | 17.2.0 | [**HInT**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880012) | 0087 | 1 | F |
| [**S4-221515**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221515.zip) | Corrections to the EVS algorithmic description | **agreed** | [**Rel-17**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [**26.447**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=1469) | 17.0.0 | [**EVS\_codec-SA4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=470032) | 0018 | 1 | F |
| [**S4-221518**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221518.zip) | Corrections to TS 26.260 Clause 4 | **agreed** | [**Rel-17**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [**26.260**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3314) | 17.0.0 | [**ATIAS**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=830005) | 0004 | 1 | D |
| [**S4-221522**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221522.zip) | Performance requirements of vehicle-mounted hands-free UE | **agreed** | [**Rel-18**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [**26.131**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=1408) | 17.2.0 | [**eUET**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=960043) | 0086 | 1 | C |
| [**S4-221523**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221523.zip) | Vehicle-mounted hands-free UE | **agreed** | [**Rel-18**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [**26.132**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=1409) | 17.1.0 | [**eUET**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=960043) | 0107 | 1 | C |
| [**S4-221531**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221531.zip) | Changing RLR requirement at minimum volume in handset mode | **agreed** | [**Rel-18**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [**26.131**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=1408) | 17.2.0 | [**TEI18**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920042) | 0085 | 1 | F |
| [**S4-221537**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221537.zip) | IANA registration for data channel sub-protocols | **agreed** | [**Rel-18**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [**26.114**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=1404) | 18.0.0 | [**IBACS**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=960042) | 0537 | 1 | F |
| [**S4-221558**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221558.zip) | Use of ICE with IMS Data Channel | **agreed** | [**Rel-16**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=191) | [**26.114**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=1404) | 16.11.0 | [**5G\_MEDIA\_MTSI\_ext**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=810040) | 0535 | 1 | F |
| [**S4-221598**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221598.zip) | Use of ICE with IMS Data Channel | **agreed** | [**Rel-17**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [**26.114**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=1404) | 17.5.0 | [**5G\_MEDIA\_MTSI\_ext**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=810040) | 0539 |   | A |
| [**S4-221599**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221599.zip) | Use of ICE with IMS Data Channel | **agreed** | [**Rel-18**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [**26.114**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=1404) | 18.0.0 | [**5G\_MEDIA\_MTSI\_ext**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=810040) | 0540 |   | A |
| [**S4-221605**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221605.zip) | [5GMS3] Rel-16 clarifications and corrections | **agreed** | [**Rel-16**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=191) | [**26.512**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3647) | 16.7.0 | [**5GMS3**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=840001) | 0027 | 2 | F |
| [**S4-221606**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221606.zip) | [5GMS3] Rel-17 clarifications and corrections | **agreed** | [**Rel-17**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [**26.512**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3647) | 17.2.0 | [**5GMS3**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=840001) | 0028 | 2 | F |
| [**S4-221607**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221607.zip) | [5MBUSA] Correction of Nmb2 Events | **agreed** | [**Rel-17**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [**26.502**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3916) | 17.2.0 | [**5MBUSA**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920010) | 0012 | 2 | F |
| [**S4-221608**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221608.zip) | CR to TS 26.247 Add slice scope into the metrics configuration | **agreed** | [**Rel-17**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [**26.247**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=1444) | 17.1.0 | [**NR\_QoE\_enh-Core**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=941108) | 0176 | 2 | F |
| [**S4-221609**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221609.zip) | CR to TS 26.501 Add slice scope into the metrics configuration | **agreed** | [**Rel-17**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [**26.501**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3582) | 17.3.0 | [**NR\_QoE\_enh-Core**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=941108) | 0047 | 2 | F |
| [**S4-221612**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221612.zip) | Corrections to TS 26.114 on ITT4RT | **agreed** | [**Rel-17**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [**26.114**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=1404) | 17.5.0 | [**ITT4RT**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=820003) | 0533 | 2 | F |
| [**S4-221613**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221613.zip) | Corrections to TS 26.114 on ITT4RT | **agreed** | [**Rel-18**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [**26.114**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=1404) | 18.0.0 | [**ITT4RT**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=820003) | 0534 | 2 | A |
| [**S4-221614**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221614.zip) | CR to TS 26.114 Add slice scope into the QoE configuration | **agreed** | [**Rel-17**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [**26.114**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=1404) | 17.5.0 | [**NR\_QoE\_enh-Core**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=941108) | 0532 | 2 | F |
| [**S4-221615**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221615.zip) | CR to TS 26.114 Add slice scope into the QoE configuration | **agreed** | [**Rel-17**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [**26.114**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=1404) | 17.5.0 | [**NR\_QoE\_enh-Core**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=941108) | 0538 | 1 | A |
| [**S4-221616**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221616.zip) | Corrections of SDP offer-answer considerations for EVS | **agreed** | [**Rel-18**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [**26.114**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=1404) | 18.0.0 | [**TEI18**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920042) | 0536 | 1 | F |
| [**S4-221629**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_121_Toulouse/Docs/S4-221629.zip) | Corrections and additions on audio aspects | **agreed** | [**Rel-18**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [**26.998**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3774) | 17.1.0 | [**FS\_Audio\_5GSTAR**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=960050) | 0002 | 2 | B |

## List of agreed new and revised Work Items to be sent to TSG SA for approval

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Title | Source | new/revised |
| S4-221278 | WID on immersive Real-time Communication for WebRTC [iRTCW] | Meta Ireland | WID revised |
| S4-221623 | Feasibility Study on Diverse audio Capturing system for End-user Devices | Beijing Xiaomi Mobile Software Co., Ltd, Huawei Technologies Co Ltd, Beijing Bytedance Technology Co., Ltd, ZTE Corporation, BUPT, Qualcomm Incorporation, Nokia Corporation | SID new |
| S4-221603 | WID on 5GMS Audio codec for 5G-Advanced | Dolby Laboratories Inc., Fraunhofer IIS, VoiceAge Corporation, Samsung Electronics Co., Ltd, Philips International B.V., ETRI, Qualcomm incorporated, Panasonic Holdings Corporation, Nokia Corporation | WID new |
| S4-221617 | WID on Enhanced Multiparty RTT | Huawei, Qualcomm Incorporated, Ericsson LM and Intel | WID new |

## Technical Specifications and Reports to be sent to TSG SA for information/approval:

|  |  |  |  |
| --- | --- | --- | --- |
| **Original SA4 Tdoc** | **New version** |  | **TR/TS to be presented to TSG SA** |
| S4-221491 | 2.0.0 | 26.857 | TR 26.857 v2.0.0 for approval |
| S4-221488 | 1.0.0 | 26.806 | TR 25.806 v1.0.0 for information |

## IVAS documents to be sent to TSG SA for information:

|  |  |  |  |
| --- | --- | --- | --- |
| Tdoc | Name | Topic | Editor |
| S4-221619 | IVAS-4 | Design constraints | Huan-yu Su |