**3GPP TSG-SA WG1 Meeting #96e**

**Electronic Meeting, 8 – 18 November 2021**

# tdoc list SA1#96e

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| Order | Ag.Item | Tdoc # | Source | ***Title*** | Type | Spec | CR# | r | cat | Versionin | Rel | WI | Summary | Discussion | Conclusion |
| 01 | 1.2 | [**S1-214000**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214000.zip) | Chair | ***Draft agenda for SA1#94e*** | agenda |  |  |  |  |  |  |  |  |  | Revised to S1-214001 |
| 02 | 1.2 | [**S1-214001**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214001.zip) | Chair | ***2nd Draft agenda for SA1#96e*** | agenda |  |  |  |  |  |  |  |  |  | Approved |
| 03 | 1.2 | [**S1-214002**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214002.zip) | Chair | ***Agenda for SA1#96e with tdoc allocation*** | Agenda |  |  |  |  |  |  |  |  |  | Withdrawn |
| 02 | 1.4 | [**S1-214004**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214004.zip) | ETSI MCC | ***Draft minutes of SA1#95e*** | report |  |  |  |  |  |  |  |  |  | Revised to S1-214005 |
| 03 | 1.4 | [**S1-214005**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214005.zip) | ETSI MCC | ***Minutes of SA1#95e*** | report |  |  |  |  |  |  |  |  | Revision of S1-214004. | Approved |
| 02 | 1.8 | [**S1-214009**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214009.zip) | ETSI MCC | ***3GPP Voting Tool User guide*** | other |  |  |  |  |  |  |  |  |  | Noted |
| 03 | 1.8 | [**S1-214198**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214198.zip) | SA1 chairperson | ***Schedule for Vice Chairs election SA1#96e*** | Other |  |  |  |  |  |  |  | This is the planning for SA1 vice chair elections. | Available by the start of SA1#96e.  Yusuke and Mark withdrew from 1st VC position, so Xia Xu, aka as Tony, was elected by acclamation.  Only two remaining candidates for 2nd position of VC are Mark and Yusuke.  Instructions for voting were provided in document S1-214009.  The first ballot for VC2 took place from Tuesday 9 Nov 6PM UTC until Wednesday 10 Nov 12PM UTC. It gave the following results of the 1st ballot :  1 st. Yusuke Nakano, KDDI Corporation (ARIB): 67.4 %, 62 votes  2 nd. Mark Younge, T-Mobile USA Inc. (ATIS): 32.6 %, 30 votes  After this ballot, Mr. Mark Younge withdrew, so Mr. Yusuke Nakano was appointed as VC2. | Noted |
| 01 | 2 | [**S1-214003**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214003.zip) | Chair | ***SA1-related topics at SA#93e*** | report |  |  |  |  |  |  |  |  | r1 available | Revised to S1-214199 |
| 02 | 2 | [**S1-214199**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214199.zip) | Chair | ***SA1-related topics at SA#93e*** | report |  |  |  |  |  |  |  | Replaces S1-214003 | Same as 4003r1 Revision of S1-214003. | Noted |
| 03 | 2 | [**S1-214007**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214007.zip) | ETSI MCC | ***Work Plan presentation for SA1#96e*** | Work Plan |  |  |  |  |  |  |  | All official acronyms to be used in the CRs are provided in this document. |  | Noted |
| 04 | 2 | [**S1-214195**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214195.zip) | SA1 chairperson | ***SA1 Rel-18 Normative Work - with indications of possible RAN impact -*** | other |  |  |  |  |  |  |  | This presentation explains to the RAN community was SA1 work items might impact their work. | Rev1 produced after Monday 8th November dedicated call.  Further revised during the meeting. | Revised to S1-214232 |
| 05 | 2 | [**S1-214232**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214232.zip) | SA1 chairperson | ***SA1 Rel-18 Normative Work - with indications of possible RAN impact -*** | Other |  |  |  |  |  |  |  |  | Same as 4195r7 Revision of S1-214195. | Noted |
| 06 | 2 | [**S1-214196**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214196.zip) | SA1 chairperson | ***Rel-19 timeline proposal*** | Other |  |  |  |  |  |  |  | The proposal is to have Rel-19 Stage 1 805 ready by TSG#100 (June 2023) and 100% ready by TSG#101. | Overall agreed, with slight rewording in rev1. | Endorsed |
| 08 | 2 | [**S1-214006**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214006.zip) | SA1 Chair, MCC | ***Guidelines for SA1#96e (e-meeting)*** | Other |  |  |  |  |  |  |  |  |  | Noted |
| 09 | 2 | [**S1-214008**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214008.zip) | ETSI MCC | ***MCC info on CR Rules*** | Other |  |  |  |  |  |  |  |  |  | Noted |
| 10 | 2 | [**S1-214197**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214197.zip) | SA1 chairperson | ***Preparations for SA1#96e*** | Other |  |  |  |  |  |  |  |  | Slides presented during the call of 18/10/21 | Noted |
| 02 | 3 | [**S1-214171**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214171.zip) | C1-214780 | ***LS on Steering of Roaming and Intersystem change*** | LS in |  |  |  |  |  |  |  | CT1 asks SA1 if there is any service requirement that requires the UE to continue the use of the timing control information (received in the SOR information) after intersystem change as described in the use case above, i.e. the UE continues the applicability of the timing control in EPS/3G/2G for the ongoing SOR procedure? | Proposed answer in S1-214104. | Replied To |
| 03 | 3 | [**S1-214104**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214104.zip) | Samsung R&D Institute UK | ***[Draft] Reply LS on Steering of Roaming and Intersystem change*** | LS out |  |  |  |  |  |  |  | This draft LS reply offers a response to C1-214780.  SA1’s proposed answer is that the timing information is applicable while the UE is registered in the 5GS. The timing information is not applicable in EPS/3G/2G. | DocoMo prefer to add that there is no requirement nor discussion on this point, but Qualcomm and vivo prefer the original proposal. | Revised to S1-214213 |
| 04 | 3 | [**S1-214213**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214213.zip) | SA1 | ***LS to CT1 on Reply LS on Steering of Roaming and Intersystem change*** | LS out |  |  |  |  |  |  |  | Replaces S1-214104 | 4104r3 (no track changes and no DRAFT) Revision of S1-214104. Same as 4104r3. | Agreed |
| 05 | 3 | [**S1-214105**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214105.zip) | Samsung R&D Institute UK, Qualcomm | ***Discussion on Steering of Roaming at inter-System change*** | discussion |  |  |  |  |  |  |  | This document discusses CT1 LS (C1-214780) on Steering of Roaming at Inter-system change and motivates the draft reply LS in S1-214104. |  | Noted |
| 07 | 3 | [**S1-214173**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214173.zip) | C1-214953 | ***LS on UE configuration for warning messages reception when using a PLMN subscription to access an SNPN*** | LS in |  |  |  |  |  |  |  | CT1 ask SA1: For the case when the UE is using a PLMN subscription to access an SNPN so a USIM is used, should the configuration for warning messages reception be stored in the ME, or should it be stored in the USIM? | Proposed answer in S1-214066. | Replied to |
| 08 | 3 | [**S1-214066**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214066.zip) | Qualcomm Incorporated | ***Reply LS to CT1 (cc CT6) on UE PWS parameters storage for SNPN*** | LS out |  |  |  |  |  |  |  | For Qualcomm, it should be stored in the ME. | For Deutsche Telekom, this functionality is already available in the USIM.  A show of hands tells a preference for the Qualcomm's proposal (2 for DT against 5 for QC).  Last day: KPN still has a preference on the USIM.  Show of hands: configuration of the arning message Stored on ME: 2 companies (Qc and Samsung)  Stored on USIM: 5 companies (KPN, Huawei, DT, Orange, Vodafone)  Qualcomm will revise to rev2 putting "USIM", agreed | Revised to S1-214233 |
| 09 | 3 | [**S1-214233**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214233.zip) | SA1 | ***LS to CT1 (cc CT6) on Reply to LS on UE PWS reception when using a PLMN subscription to*** | LS out |  |  |  |  |  |  |  |  | Same as 4066r2 Revision of S1-214066. | Agreed |
| 11 | 3 | [**S1-214175**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214175.zip) | C1-215137 | ***LS on the scope of applying Network Slicing feature in Rel-17 and Rel-16*** | LS in |  |  |  |  |  |  |  | CT1 asks SA1 to clarify whether there is a requirement to enable NSSAA in an SNPN. | Different proposed answers in S1-214044 and S1-214119.  Supports for Nokia's answer: 6 companies  Supports for China Mobile's answer: 4 companies | Replied to |
| 12 | 3 | [**S1-214044**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214044.zip) | Nokia, Nokia Shanghai Bell | ***LS on on the scope of applying Network Slicing feature in Rel-17 and Rel-16*** | LS out |  |  |  |  |  |  |  | Nokia's proposed answer: SA1’s intent for NPN requirements has been that unless specifically denoted as PLMN only, all other requirements apply for NPNs, standalone or otherwise. Network slicing is a capability of great benefit to the enterprise which may make use of standalone NPNs, as noted in several SA1 studies. | See corresponding CRs in following documents.  It was wondered if the mirror CRs have to be included or only the main one. Mirror CRs to be included.  Rev1: ongoing discussions by e-mail  Rev3: Last day: agreed, 3 CRs to be attached, dates of next meting to be changed | Revised to S1-214234 |
| 13 | 3 | [**S1-214234**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214234.zip) | SA1 | ***LS to CT1, SA2 on LS on the scope of applying Network Slicing feature in Rel-17 and Rel*** | LS out |  |  |  |  |  |  |  |  | Same as 4044r3 Revision of S1-214044. | Agreed |
| 14 | 3 | [**S1-214045**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214045.zip) | Nokia, Nokia Shanghai Bell, Phillips International B.V. | ***Clarification of NPN in 22.261*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0584 |  | F | 16.15.0 | [Rel-16](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=191) | TEI16,eCAV |  | Typos cover page, track changes in cover page  Rev4: converging but final changes to be done.  Rev7: last day: agreed | Revised to S1-214235 |
| 15 | 3 | [**S1-214235**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214235.zip) | Nokia, Nokia Shanghai Bell, Phillips International B.V. | ***Clarification of NPN in 22.261*** | CR | 22.261 | 0584 | 1 | F | 16.15.0 | Rel-16 | TEI16,eCAV | Revision of S1-214045 | Same as 4045r7 Revision of S1-214045. | Agreed |
| 16 | 3 | [**S1-214046**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214046.zip) | Nokia, Nokia Shanghai Bell, Phillips International B.V. | ***Clarification of NPN in 22.261*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0585 |  | A | 17.8.0 | [Rel-17](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | TEI16,eCAV |  | Typos cover page, track changes in cover page. Why no mirror for Rel-18?  Rev7: last day: agreed | Revised to S1-214236 |
| 17 | 3 | [**S1-214236**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214236.zip) | Nokia, Nokia Shanghai Bell, Phillips International B.V. | ***Clarification of NPN in 22.261*** | CR | 22.261 | 0585 | 1 | A | 17.8.0 | Rel-17 | TEI16,eCAV | Revision of S1-214046 | Same as 4046r7 Revision of S1-214046. | Agreed |
| 18 | 3 | [**S1-214214**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214214.zip) | Nokia, Nokia Shanghai Bell, Phillips International B.V. | ***Clarification of NPN in 22.261*** | CR | 22.261 | 0628 |  | A |  | Rel-18 | TEI16,eCAV | Mirror of S1-214046 | 4214r1 last day (c: DT)  Rev3: last day: agreed | Revised to S1-214237 |
| 19 | 3 | [**S1-214237**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214237.zip) | Nokia, Nokia Shanghai Bell, Phillips International B.V. | ***Clarification of NPN in 22.261*** | CR | 22.261 | 0628 | 1 | A | 18.4.0 | Rel-18 | TEI16,eCAV | Revision of S1-214214 | Same as 4214r3 Revision of S1-214214. | Agreed |
| 20 | 3 | [**S1-214119**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214119.zip) | China Mobile Com. Corporation | ***LS Response on the scope of applying Network Slicing feature in Rel-17 and Rel-16*** | LS out |  |  |  |  |  |  |  | China Mobile's proposed answer: In SA1#95e, SA1 has added some clarification on NPN description in TS22.261, so in Rel-18 NPN could share the same features of 5GS, which means NSSAA could be supported by SNPN. However, this also means in Rel-18, when introducing new features in 5GS, whether this new feature could be supported by NPN should also be taken in consideration seperately. |  | Noted |
| 22 | 3 | [**S1-214191**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214191.zip) | S1-213179 / S1-211273/ GSMA ACJA LS\_UAV | ***3GPP SA1 clarifications on problematic UAV*** | LS in |  |  |  |  |  |  |  |  | Postponed from SA1#94e, SA1#95e | Replied to |
| 23 | 3 | [**S1-214192**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214192.zip) | S1-213193 / S2-214916 | ***Reply LS to GSMA-ACJA: 3GPP SA1 clarifications on problematic UAV*** | LS out |  |  |  |  |  |  |  |  | Postponed from SA1#95e | Noted |
| 24 | 3 | [**S1-214183**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214183.zip) | S2-214916 | ***Reply LS to GSMA-ACJA: 3GPP SA1 clarifications on problematic UAV*** | LS in |  |  |  |  |  |  |  |  | Proposal 1 (all UEs are reported): 5 companies support  Proposal 2 (only rejected UEs are reported): 5 companies support  Other proposal:  Remove the requirement and have a study in Rel-19: 5 companies support  Against Remove the requirement and have a study in Rel-19: 4 companies support | Noted |
| 25 | 3 | [**S1-214025**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214025.zip) | Huawei Technologies Sweden AB | ***Reply LS to GSMA-ACJA, SA2, SA6 (cc SA3) on clarifications on problematic UAV*** | LS out |  |  |  |  |  |  |  |  | Rev3 agreed | Revised to S1-214238 |
| 26 | 3 | [**S1-214238**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214238.zip) | SA1 | ***LS to GSMA-ACJA, SA2, SA6 (cc SA3) on Reply LS on 3GPP SA1 clarifications on problematic UAV*** | LS out |  |  |  |  |  |  |  | Revision of S1-214025 | Same as 4025r3 Revision of S1-214025. | Agreed |
| 27 | 3 | [**S1-214023**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214023.zip) | Huawei Technologies Sweden AB | ***3GPP SA1 clarifications on problematic UAV*** | discussion |  |  |  |  |  |  |  |  |  | Noted |
| 28 | 3 | [**S1-214024**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214024.zip) | Huawei Technologies Sweden AB | ***Addition of a note to [R-5.1-017] related to the applicability of the requirement*** | CR | [22.125](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3545) | 0041 |  | C | 17.4.0 | [Rel-17](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [ID\_UAS](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=810013) | A NOTE is introduced to requirement R-5.1-017 to clarify the scenarios in which this requirement applies. | Rev1: For Deutsche Telekom, it is better to delete the requirement rather than adding "FFS" to a closed Release. This is not agreeable by Huawei nor by InterDigital.  The compromise could be to add a note (different than "FFS") and keep the requirement. To be further discussed off-line.  InterDigital proposes "The scenarios covered by this requirement are not further clarfied in the current release".  Rev1 agreed | Revised to S1-214239 |
| 29 | 3 | [**S1-214239**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214239.zip) | Huawei | ***Addition of a note to [R-5.1-017] related to the applicability of the requirement*** | CR | 22.125 | 0041 | 1 | C | 17.4.0 | Rel-17 | ID\_UAS | Revision of S1-214024 | Same as 4024r1 Revision of S1-214024, Wrong CR rev# on the cover page. | Revised to S1-214311 |
| 30 | 3 | **S1-214311** | Huawei | ***Addition of a note to [R-5.1-017] related to the applicability of the requirement*** | CR | 22.125 | 0041 | 2 | C | 17.4.0 | Rel-17 | ID\_UAS | Revision of S1-214239 | Same as 4024r1 Revision of S1-214024. Revision of S1-214239 | Agreed |
| 31 | 3 | [**S1-214063**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214063.zip) | Qualcomm Incorporated | ***Reply LS on problematic UAVs*** | LS out |  |  |  |  |  |  |  |  |  | Noted |
| 32 | 3 | [**S1-214064**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214064.zip) | Qualcomm Incorporated | ***CR on problematic UAVs*** | CR | [22.125](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3545) | 0042 |  | F | 17.4.0 | [Rel-17](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [ID\_UAS](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=810049) |  |  | Noted |
| 33 | 3 | [**S1-214177**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214177.zip) | GSMA ACJA | ***3GPP SA1 clarifications on problematic UAV*** | LS in |  |  |  |  |  |  |  |  |  | Withdrawn |
| 35 | 3 | [**S1-214180**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214180.zip) | GSMA NRG 012\_200r1 | ***LS from NRG to 3GPP on Emergency Communication Improvement*** | LS in |  |  |  |  |  |  |  | GSMA NG/NRG requests SA1 to consider some improvements described in the LS and to provide feedback on how to support those evolutions. | See related proposed WID in S1-214159  Reply in 4204. | Replied to |
| 36 | 3 | [**S1-214201**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214201.zip) | Orange | ***Draft LS from NRG to 3GPP on Emergency Communication Improvement*** | LS |  |  |  |  |  |  |  |  | Late document | Noted |
| 37 | 3 | [**S1-214159**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214159.zip) | Orange Spain | ***New WID on Emergency Short Message Service*** | WID new |  |  |  |  |  |  |  | Proposing new requirements for Emergency SMS | Need 4 supporting companies.  Corresponding CR in S1-214169 | Noted |
| 38 | 3 | [**S1-214169**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214169.zip) | Orange, Huawei, Ericsson | ***Emergency SMS requirements*** | CR | 22.101 | 0580 |  | B | 18.2.0 | Rel-18 | TEI18 | The CR adds Emergency SMS requirements requirements | Wrong WI code.  For Deutsche Telekom, Nokia and Vodafone, there are already ways to offer similar services. But the CR as it is raises several problems and need further analysis: does it cover SIM-less case, is it also over non-public networks, how to solve that SMS delivery are not guaranteed in time, etc.  This would deserve a proper study and WID.  MCC pointed out that the relationship/difference with Rel-11 Feature called "Non Voice Emergency Services" (NOVES) should be clarified.  Several problems with the format of the CR.  Rev1: for Vodafone, the use case for emergency calls over MS over NAS is unclear. Same concern for Deutsche Telekom.  Show of hands: Q: who support creating a mini WID + CR on this topic, versus who support sending an LS back to GSMA without creating WID+CR?  WID+CR: 6 companies  LS: 9 companies  So there is a preference to send an LS back to GSMA to ask what is wrong with current work (NOVES). | Noted |
| 39 | 3 | [**S1-214204**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214204.zip) | SA1 | ***LS to GSMA NRG (cc SA2, ETSI TC EMTEL) on LS on Emergency Communication Improvement*** | LS out |  |  |  |  |  |  |  | Proposed answer to S1-214180  Back in Rel.11 SA1 has studied Non Voice Emergency Services (NOVES) which resulted in the specification of IMS Multimedia Emergency Sessions (IMS MES; cf. TS 22.101, clause 10.4.2).  Roaming extension: Yes, for IMS MES this is possible.  It is unclear to SA1 why to specify a new solution (Emergency SMS) when an existing one can provide the required functionality, especially considering that the definition of such a service would need detailed requirements and thorough analysis and as such cannot be done within the Rel.18 timeframe.  Also, it is not clear what is missing w.r.t. AML and SIP geolocation. S1-214204 | Late Document  For Orange, Emergency requirements are clear enough and work can start.  Nokia support sending the LS, since it seems that GSMA has not seen the NOVES work, or at least they are not clear in why the NOVES solution is not enough.  For Orange, different aspects are covered by GSMA's LS: Rel-18, IMS, AML. All of them should be considered.  Rev3 agreed, next meeting dates to be updated. | Revised to S1-214240 |
| 40 | 3 | [**S1-214240**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214240.zip) | SA1 | ***LS to GSMA NRG (cc SA2, ETSI TC EMTEL) on LS on Emergency Communication Improvement*** | LS out |  |  |  |  |  |  |  | Revision of S1-214204, Proposed answer to S1-214180 | Same as 4204r4 Revision of S1-214204. | Agreed |
| 42 | 3 | [**S1-214186**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214186.zip) | S3-213609 | ***Reply to LS on support of PWS over SNPN*** | LS in |  |  |  |  |  |  |  |  | Answered in S1-214049 and in S1-214138.  Offline discussions showed a preference for S1-214049. | Replied To |
| 43 | 3 | [**S1-214049**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214049.zip) | Nokia, Nokia Shanghai Bell | ***Reply to LS to SA3 (cc SA2, CT1, RAN2, RAN3, SA, CT, RAN) on support of PWS over SNPN*** | LS out |  |  |  |  |  |  |  |  |  | Agreed |
| 44 | 3 | [**S1-214138**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214138.zip) | Apple | ***Reply to LS on support of PWS over SNPN*** | LS out |  |  |  |  |  |  |  |  |  | Noted |
| 45 | 3 | [**S1-214133**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214133.zip) | Apple | ***Discussion paper on security requirements in PWS in NPN*** | discussion |  |  |  |  |  |  |  |  |  | Noted |
| 46 | 3 | [**S1-214136**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214136.zip) | Apple | ***Security requirement for PWS in NPN*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0612 |  | F | 17.8.0 | [Rel-17](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [NPN\_PWS](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920060) |  | CR | Noted |
| 46 | 3 | [**S1-214137**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214137.zip) | Apple | ***Security requirement for PWS in NPN*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0613 |  | A | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [NPN\_PWS](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920060) |  |  | Noted |
| 49 | 3 | [**S1-214193**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214193.zip) | S1-213206 / C1-214778 | ***Indication of country of UE location and its use in PLMN selection*** | LS in |  |  |  |  |  |  |  |  | Postponed from SA1#95e | Replied To |
| 50 | 3 | [**S1-214048**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214048.zip) | Nokia, Nokia Shanghai Bell | ***Reply LS on Indication of country of UE location and its use in PLMN selection*** | LS out |  |  |  |  |  |  |  |  |  | Noted |
| 51 | 3 | [**S1-214047**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214047.zip) | Nokia, Nokia Shanghai Bell | ***Discussion on CT1 LS: Indication of country of UE location and its use in PLMN selection*** | discussion |  |  |  |  |  |  |  |  |  | Noted |
| 52 | 3 | [**S1-214112**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214112.zip) | TNO | ***Reply LS to CT1 (cc SA2, SA3-LI) on indication of country of UE location and its use in PLMN selection*** | LS out |  |  |  |  |  |  |  | This is a proposed answer to C1-214778/S1-214193 | Rev1: Answers from SA1:  A1: SA1 does not understand the purpose of "indicated country of UE location", and therefore has no opinion on this.  A2: There is no impact of the "indicated country of UE location" on the PLMN selection procedures.  A3: There is no impact of the "indicated country of UE location" on the PLMN selection procedures.  First answer to be changed into "SA1 do not see the purpose of "indicated country of UE location".  Agreed with this change and rev marks to approve | Revised to S1-214208 |
| 53 | 3 | [**S1-214208**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214208.zip) | SA1 | ***LS to CT1 (cc SA2, SA3-LI) on Reply LS on Indication of country of UE location and its use in PLMN*** | LS out |  |  |  |  |  |  |  | Rev of 4112 | Revision of S1-214112. Same as S1-214112r3 | Agreed |
| 54 | 3 | [**S1-214203**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214203.zip) | SA1 | ***LS to CT1 on LS on Periodic PLMN selection with Shared MCCs*** | LS out |  |  |  |  |  |  |  | 3GPP SA1 has agreed a Rel-17 CR clarifying periodic PLMN selection requirements in TS22.011, to consider shared MCCs. SA1 believes this is relevant for the ongoing 3GPP CT1 work on SatArch. Please consider the attached CR. | Rev1 presented: agreed, rev marks to be agreed | Revised to S1-214207 |
| 55 | 3 | [**S1-214207**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214207.zip) | SA1 | ***LS to CT1 on LS on Periodic PLMN selection with Shared MCCs*** | LS out |  |  |  |  |  |  |  | Replaces S1-214203 | Revision of S1-214203. Same as S1-214203r1 | Agreed |
| 56 | 3 | [**S1-214074**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214074.zip) | KPN, TNO | ***Periodic network selection with shared MCC*** | CR | [22.011](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=566) | 0326 |  | F | 17.4.0 | [Rel-17](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [5GSAT](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=800048) |  | Rev2 presented: agreed | Revised to S1-214209 |
| 57 | 3 | [**S1-214209**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214209.zip) | KPN, TNO, Qualcomm, Apple, Ericsson, Deutsche Telekom | ***Periodic network selection with shared MCC*** | CR | 22.011 | 0326 | 1 | F | 17.4.0 | Rel-17 | 5GSAT | Replaces S1-214074 | Moved from 6.1 Revision of S1-214074. Same as S1-214074r2 | Agreed |
| 58 | 3 | [**S1-214115**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214115.zip) | KPN, TNO | ***Periodic network selection with shared MCC*** | CR | [22.011](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=566) | 0327 |  | A | 18.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [5GSAT](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=800048) |  | Moved from 6.1 4115r2 agreed | Revised to S1-214210 |
| 59 | 3 | [**S1-214210**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214210.zip) | KPN, TNO, Qualcomm, Apple, Ericsson, Deutsche Telekom | ***Periodic network selection with shared MCC*** | CR | 22.011 | 0327 | 1 | A | 18.0.0 | Rel-18 | 5GSAT | Replaces S1-214115 | Moved from 6.1 Revision of S1-214115. Same as S1-214115r2 | Agreed |
| 60 | 3 | [**S1-214160**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214160.zip) | Apple | ***Clarification of one MCC representing multiple political entities*** | CR | [22.011](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=566) | 0328 |  | F | 17.4.0 | [Rel-17](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [5GSAT](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=800048) |  |  | Merged |
| 61 | 3 | [**S1-214161**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214161.zip) | Apple | ***Clarification of one MCC representing multiple political entities*** | CR | [22.011](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=566) | 0329 |  | A | 18.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [5GSAT](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=800048) |  |  | Merged |
| 63 | 3 | [**S1-214170**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214170.zip) | AIOTI | ***Announcing the release of the “IoT and Edge Computing impact on Beyond 5G: enabling technologies and challenges” to 3GPP SA1*** | LS in |  |  |  |  |  |  |  |  |  | Noted |
| 64 | 3 | [**S1-214190**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214190.zip) | SP-211140 | ***Reply LS on Inclusive language review*** | LS in |  |  |  |  |  |  |  |  |  | Noted |
| 65 | 3 | [**S1-214187**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214187.zip) | S6-211496 | ***LS on new SID on Application Enablement for Data Integrity Verification Service in IOT*** | LS in |  |  |  |  |  |  |  |  | Postponed from SA1#95e | Noted |
| 66 | 3 | [**S1-214172**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214172.zip) | C1-214882 | ***LS on Private call forwarding*** | LS in |  |  |  |  |  |  |  | CT1 asks SA6 to consider some improvements and modify the stage 2 accordingly. SA1 has been copied on this LS to keep them informed in the case that SA6 feels some modifications to requirements need to be considered. | SA6 is expected to answer. | Noted |
| 67 | 3 | [**S1-214174**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214174.zip) | C1-215046 | ***Reply LS on limited service availability of an SNPN*** | LS in |  |  |  |  |  |  |  | CT1 and RAN2 are communicating on lower layers of a UE operating in SNPN access mode in the limited service state. | If some delegates in SA1 want SA1 to be involved, it has to be on the basis of a written contribution. | Noted |
| 68 | 3 | [**S1-214176**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214176.zip) | C1-216096 | ***Reply LS on limited service availability of an SNPN*** | LS in |  |  |  |  |  |  |  |  |  | Noted |
| 69 | 3 | [**S1-214179**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214179.zip) | Automotive Edge Computing Consortium (AECC) | ***LS on Prioritized Vehicle to Cloud Technical Solutions*** | LS in |  |  |  |  |  |  |  |  |  | Noted |
| 70 | 3 | [**S1-214181**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214181.zip) | R2-2108928 | ***LS on Slice list and priority information for cell reselection*** | LS in |  |  |  |  |  |  |  |  |  | Noted |
| 71 | 3 | [**S1-214182**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214182.zip) | R2-2109173 | ***Reply LS on UAC enhancements for minimization of service interruption when disaster condition applies*** | LS in |  |  |  |  |  |  |  |  |  | Noted |
| 72 | 3 | [**S1-214184**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214184.zip) | S2-2108093 | ***LS on IMEI for Non-Public Networks/Private Networks without using USIM*** | LS in |  |  |  |  |  |  |  |  |  | Noted |
| 73 | 3 | [**S1-214185**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214185.zip) | S3-213218 | ***Reply LS for clarification on managing expired or multiple Protection Scheme and Home Network keys used for SUCI calculation*** | LS in |  |  |  |  |  |  |  |  |  | Noted |
| 74 | 3 | [**S1-214189**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214189.zip) | SP-211134 | ***Reply LS to 5G-ACIA on 5G capabilities exposure for factories of the future*** | LS in |  |  |  |  |  |  |  |  |  | Noted |
| 75 | 3 | [**S1-214178**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214178.zip) | APT Wireless Group | ***APT report on emerging critical applications & use cases of imt for industrial, societal and enterprise users*** | LS in |  |  |  |  |  |  |  |  |  | Noted |
| 76 | 3 | [**S1-214188**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214188.zip) | ITU-T Working Party 3/13 | ***LS on information about draft Recommendation ITU-T Y.frd: "Framework and Requirements of Network-oriented Data Integrity Verification Service based on Blockchain in Future Network”*** | LS in |  |  |  |  |  |  |  |  |  | Noted |
| 77 | 3 | [**S1-214194**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214194.zip) | S1-213195 | ***LS on new SID on Application Enablement for Data Integrity Verification Service in IOT*** | LS in |  |  |  |  |  |  |  |  | Postponed from SA1#95e | Withdrawn |
| 02 | 4 | [**S1-214098**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214098.zip) | vivo | ***Revised WID on PIN + Resident Service requirements*** | WID revised |  |  |  |  |  | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [PIRates](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930029) | NOTE ON ALL SIDs:  It is agreed that all SIDs (and companion presentations) are presented for information and then noted at this meeting. Next SA1 meeting (SA1#97e) will be for presentation of all remaining SIDs and for agreement.  This contribution is to change the rapporteur. | No thread needed | Agreed |
| 03 | 4 | [**S1-214143**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214143.zip) | China Mobile Com. Corporation | ***New WID on support of non-3GPP satellite access for legacy satellite UE not supporting 5GC NAS*** | WID new |  |  |  |  |  |  |  | This work items proposes to add clarification of normative requirements for TS 22.261 to clarify that 5G system is required to support non-3GPP access for satellite device not supporting 5G NAS signalling in Rel-18. | Need 4 supporting companies  Related CR in 4146.  See discussions on 4146. | Noted |
| 04 | 4 | [**S1-214146**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214146.zip) | China Mobile Com. Corporation | ***Support of non-3GPP satellite access for legacy satellite UE not supporting N1 mode*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0616 |  | B | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [TEI18](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920042) | The CR updates 22.261 to clarify that 5G system needs to support non-3GPP access for legacy satellite device not supporting 5G NAS singlling in Rel-18 to fulfill upcoming market requirement. | Wrong WI code.  Rev2: it was reminded that tdoc numbers with an "r" are just to help the e-mail discussions, they are temporary documents. So the CR# rev shall not be increased for these documents.  There is no consensus still on rev2 (objections from Huawei, Qualcomm, BMWi), e.g. for security issues.  Related WID in 4143  Documents 4146 and 4143 noted, but further discussions are allowed on these docs, e.g. to handle the security issue. | Noted |
| 05 | 4 | [**S1-214144**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214144.zip) | Vodafone, BOSCH, BMW Brilliance Automotive, CAICT, CATT, China Mobile, China Telecom, China Unicom, EDF, Futurewei, HiSilicon, Huawei, KPN, Novamint, NTT DOCOMO, Quanray, Spreadtrum | ***New REl-18 Mini-work item on Passive Internet of Things (Passive IoT) for 5G-Advanced*** | WID new |  |  |  |  |  |  |  | The objective is to propose normative stage 1 requirements for asset and material identification and tracking; and sensor operation by means of Passive IoT. | Corresponding CRs in the following tdocs.  Sony supports but think that presenting a Rel-18 WID at this stage is quite late, given the amount of work: definitions, use case, then specification. For Deutsche Telekom, there is a need for a proper study in SA1, not everything is to be done by RAN and SA2, e.g. is roaming needed? Nokia share the same view that this is not a mini WID. Potential users of this battery-less devices have to be identified first. Same for Qualcomm, InterDigital and Ericsson.  For Huawei, it will take at least for 2 Releases to have something stable, so better to start in Rel-18.  No company object to have at least a Rel-19 study.  Vodafone mentioned that they were blocked in SA2 because there was no corresponding requirement in SA1, and then in SA1, it is blocked. For Vodafone, 3GPP might miss a market opportunity by losing time. About Roaming: yes, it would be needed, as for general IoT.  The opinion of the supporters is that there is an interest on the topic but SA1 could not reach a consensus on introducing requirements on Rel-18. | Noted |
| 06 | 4 | [**S1-214145**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214145.zip) | Vodafone, BMW Brilliance Automotive, CAICT, CATT, China Mobile, China Telecom, China Unicom, EDF, Futurewei, HiSilicon, Huawei, KPN, Novamint, NTT DOCOMO, Quanray, Spreadtrum | ***Initial requirements for Passive IoT*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0615 |  | B | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [DUMMY](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=699999) | The CR introduces initial requirements for Passive IoT. | Wrong WI code  Rev1: For Deutsche Telekom, Nokia and Ericsson, the requirements are too vague. Some time should be spent for defining proper requirements, rather than rushing with a mini-WID now.  For Intel, Huawei and KPN, it is fine to have a study in Rel-19 in SA1 but, in parallel, RAN can also start some study on this topic in Rel-18.  Q on Tohru: mini WID in Rel-18 versus nothing in Rel-18 (and work in Rel-19)?  13 companies to start something in Rel-18.  9 companies are in favour of doing nothing in Rel-18 and the work should be done in Rel-19.  A possible way out is an LS to tell other groups that they can work in Rel-18 even without SA1 work.  For Sony, Ericsson and Nokia, it would be odd to send an LS without any corresponding work in SA1.  For Apple, the other groups might start working on Rel-18 anyway, and lacking of doing things in SA1 in Rel-18 will forbid to give any guidance.  Qualcomm is against sending an LS at this stage.  No compromise can be found at this point. Vodafone would like to warn about giving the impression to block the process. | Noted |
| 07 | 4 | [**S1-214147**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214147.zip) | Vodafone, BMW Brilliance Automotive, CAICT, CATT, China Mobile, China Telecom, China Unicom, EDF, Futurewei, HiSilicon, Huawei, KPN, Novamint, NTT DOCOMO, Quanray, Spreadtrum | ***Performance requirements for Passive IoT*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0617 |  | B | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [DUMMY](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=699999) |  | Wrong WI code | Noted |
| 08 | 4 | [**S1-214150**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214150.zip) | China Mobile Com. Corporation | ***New WID on enhanced capability for SMS*** | WID new |  |  |  |  |  |  |  | This WID is to cover low latency and high reliability delivery of high priority SMS, both over NAS and over IP. | Need 4 supporting companies.  Corresponding CRs in the following tdocs.  Samsung clarified that CT4 has this item in their ToR already. | Noted |
| 09 | 4 | [**S1-214151**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214151.zip) | China Mobile Com. Corporation | ***Enhanced capability for high priority short message delivery*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0618 |  | B | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [TEI18](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920042) | To enable 5GS to provide enhanced capability for high priority short message delivery | Wrong WI code.  Qualcomm noticed that the CR mentions only Core Network Impacts. China Mobile clarified that, indeed, no UE nor RAN impacts are expected.  For Nokia, SMS is a "Store and forward service", which seems to be in contradiction with fast delivery.  For Oppo, the low latency will have impact on the UE, since it might be lower than the paging cycle.  InterDigital also think it is not realistic to involve only the network.  For KPN, SMS is the service, so the wording used here with "SMS over NAS", "SMS over IP" is confusing.  Huawei wonder about the relationship between this service and the SMS service as currently known.  The Chair summurized by stating that China Mobile has to clarify what is intended to be done exactly.  Rev6: CRrev shall not be increased for rev tdocs.  For Samsung, the formulation as it is in this rev is not a Stage 1 requirement.  For Qualcomm and Nokia, it is not clear what can be achieved with this proposed text. | Noted |
| 11 | 4 | [**S1-214035**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214035.zip) | China Mobile | ***New SID on Additional capabilities of mobile networks for drone (FS\_DOM)*** | SID new |  |  |  |  |  |  |  | Revision of S1-213088.  The objectives of this work item are to identify use cases and potential requirements on the 5G system for meeting the industrial UAV applications needs for the interaction between 5GS and UAS. Additional requirements on capabilities of mobile networks for drone operations and management can be derived. | Qualcomm mentioned that there are ongoing on this topic, also involving GSMA ACJA. | Revised to S1-214241 |
| 12 | 4 | [**S1-214241**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214241.zip) | China Mobile | ***New SID on Additional capabilities of mobile networks for drone*** | SID new |  |  |  |  |  |  |  |  | Revision of S1-214035. | Noted |
| 13 | 4 | [**S1-214036**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214036.zip) | China Mobile Com. Corporation | ***New SID on Integrated Sensing and Communication*** | SID new |  |  |  |  |  |  |  |  | Proposed acronym: Sensing | Revised to S1-214242 |
| 14 | 4 | [**S1-214242**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214242.zip) | China Mobile | ***New SID on Integrated Sensing and Communication*** | SID new |  |  |  |  |  |  |  |  | Revision of S1-214036. | Noted |
| 15 | 4 | [**S1-214056**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214056.zip) | Qualcomm Austria RFFE GmbH | ***Cooperative Communication and Sensing*** | discussion |  |  |  |  |  |  |  | This WID is to identify the use cases and requirements to enable 5GS support of enhanced communication and sensing, e.g., • Discovery of service and entities for cooperative sensing  • Authorization, (de)activation, provisioning and control ◦ E.g. of sensing/communication entities, configuration, sensing related data to be collected and shared  • Communication requirements, for transferring sensing information • Sensing requirements, including sensing-specific KPIs | A gap analysis with what is done in particular in Rel-17 should be provided. | Noted |
| 16 | 4 | [**S1-214101**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214101.zip) | Xiaomi | ***3GPP based Wireless Sensing Services*** | discussion |  |  |  |  |  |  |  | Revision of S1-213078.  The objective of this study item is to identify the use cases and potential requirements for 5GS support of enhanced services and communication utilizing sensing capabilities available in 5G devices and/or networks.. | Proposed acronym: Sensing | Noted |
| 17 | 4 | [**S1-214100**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214100.zip) | Xiaomi | ***New SID on 5GS-based enhanced Sensing*** | SID new |  |  |  |  |  |  |  | Revision of S1-213077 | Proposed acronym: Sensing | Revised to S1-214243 |
| 18 | 4 | [**S1-214243**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214243.zip) | Xiaomi | ***New SID on 5GS-based enhanced Sensing*** | SID new |  |  |  |  |  |  |  |  | Revision of S1-214100. | Noted |
| 19 | 4 | [**S1-214062**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214062.zip) | LG Electronics Inc. | ***5G System Support for Service-Oriented Robots with Human Interactions*** | Discussion |  |  |  |  |  |  |  | Introductory presentation to the SID in 4061. | Proposed acronym: FS\_SOBOT | Noted |
| 20 | 4 | [**S1-214061**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214061.zip) | LG Electronics Inc. | ***SID on Study on 5G System Support for a Network of Service Robots with Ambient Intelligence*** | SID new |  |  |  |  |  |  |  | The objective of this study is to identify use cases and the related potential service and performance requirements for 5G system to support communications of a network of service robots that recognize objects and surroundings and are often used in unstructured settings (e.g., local outdoor delivery robots moving through ordinary roads with minor bumps, a group of disinfection robots that recognize even a small object and its surroundings). | Proposed acronym: FS\_SOBOT | Revised to S1-214244 |
| 21 | 4 | [**S1-214244**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214244.zip) | LG Electronics, LG Uplus, OPPO, KRRI, China Unicom, Qualcomm, Kyonggi | ***Feasibility Study on 5G System Support for a Network of Service Robots*** | SID new |  |  |  |  |  |  |  |  | Revision of S1-214061. | Noted |
| 22 | 4 | [**S1-214038**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214038.zip) | OPPO | ***Discussion on Enhanced 5G functionalities for application AI/ML services*** | discussion |  |  |  |  |  |  |  | Introduce the motivation of new study item proposal on Enhanced 5G functionalities for application AI/ML services | Rev1 presented.  The objectives are to study the use cases and potential service and performance requirements for identifying enhanced NW and UE functionalities to support more efficient AI/ML operations, e.g. distributed inference, distributed model training, prodictive model downloading, AI device motion planning. | Noted |
| 23 | 4 | [**S1-214039**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214039.zip) | OPPO | ***New WID on study on Enhanced 5G functionalities for application AI/ML services*** | SID new |  |  |  |  |  |  |  | New WID proposal on study on Enhanced 5G functionalities for application AI/ML services | Rev3 available | Revised to S1-214245 |
| 24 | 4 | [**S1-214245**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214245.zip) | OPPO | ***WID on study on enhanced 5G functionalities for application AI/ML services*** | SID new |  |  |  |  |  |  |  |  | Revision of S1-214039. | Noted |
| 25 | 4 | [**S1-214076**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214076.zip) | China Unicom | ***Disscussion paper of network sharing in 5G*** | discussion |  |  |  |  |  |  |  | Paper work for the new SID of network sharing, including fo trend and new cooperation,historical silhouettes and missing case,differences between RAN sharing and missing scenario, mobility scenario assumptions, etc. | Proposed acronym: FS\_NS  Rev1: see WID in 4075r3 | Noted |
| 26 | 4 | [**S1-214075**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214075.zip) | China Unicom | ***New study on network sharing in 5GS*** | SID new |  |  |  |  |  |  |  | To investigate what shortcomings currently in the specifications may prevent a standardized approach to the deployment of shared networks, for example only the evolution of access network sharing in 5G is completed in TS 23.501, without considering other scenarios | Proposed acronym: FS\_NS  Rev3: noted, new number to be given, more supporting company | Revised to S1-214246 |
| 27 | 4 | [**S1-214246**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214246.zip) | China Unicom, China Telecom | ***New study on network sharing in 5GS*** | SID new |  |  |  |  |  |  |  |  | Revision of S1-214075. | Noted |
| 28 | 4 | [**S1-214099**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214099.zip) | Samsung R&D Institute UK | ***Mobile Metaverse Services*** | discussion |  |  |  |  |  |  |  | This discussion presentation accompanies the FS\_Metaverse study item proposal to clarify its background, scope, aspirations and potential gaps it may identify in 5G standards. | Proposed acronym: FS\_Metaverse | Noted |
| 29 | 4 | [**S1-214102**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214102.zip) | Samsung R&D Institute UK | ***New WID on Feasibility Study on Mobile Multiverse Services*** | WID new |  |  |  |  |  |  |  | Mobile Metaverse Services, as proposed to be studied by this WID, apply augmented reality to physical locations to enable a variety of promising new services. | Proposed acronym: FS\_Metaverse | Revised to S1-214247 |
| 30 | 4 | [**S1-214247**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214247.zip) | Samsung, LG Uplus, Tencent, KDDI, Orange | ***New WID on Feasibility Study on Mobile Multiverse Services*** | WID new |  |  |  |  |  |  |  |  | Revision of S1-214102. | Noted |
| 31 | 4 | [**S1-214107**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214107.zip) | China Telecom, CATT | ***Discussion paper of new SID on enhancing 5G system integrating with satellite*** | discussion |  |  |  |  |  |  |  | Introductory presentation to the SID in next document. | Proposed acronym: FS\_e5GSAT | Noted |
| 32 | 4 | [**S1-214106**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214106.zip) | China Telecom, CATT | ***New SID on enhancing 5G system integrating with satellite*** | SID new |  |  |  |  |  |  |  |  | Proposed acronym: FS\_e5GSAT | Revised to S1-214248 |
| 33 | 4 | [**S1-214248**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214248.zip) | China Telecom,CATT | ***New SID on enhancing 5G system integrating with satellite*** | SID new |  |  |  |  |  |  |  |  | Revision of S1-214106. | Noted |
| 34 | 4 | [**S1-214108**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214108.zip) | China Mobile Com. Corporation | ***Motivation of supporting computing force network*** | discussion |  |  |  |  |  |  |  | Introductory presentation to the SID in next document. | Proposed acronym: FS\_CFN | Noted |
| 35 | 4 | [**S1-214109**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214109.zip) | China Mobile Com. Corporation | ***New SID on supporting computing force network*** | SID new |  |  |  |  |  |  |  |  | Proposed acronym: FS\_CFN | Revised to S1-214249 |
| 36 | 4 | [**S1-214249**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214249.zip) | China Mobile | ***New SID on supporting computing force network*** | SID new |  |  |  |  |  |  |  |  | Revision of S1-214109. | Noted |
| 37 | 4 | [**S1-214135**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214135.zip) | OPPO | ***Motivation on support Energy Harvesting enabled Communication services in 5GS*** | discussion |  |  |  |  |  |  |  | Introductory presentation to the SID in next document. | Proposed acronym: FS\_EHECS | Noted |
| 38 | 4 | [**S1-214134**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214134.zip) | OPPO | ***New SID: Study on Energy Harvesting enabled Communication Services in 5GS*** | SID new |  |  |  |  |  |  |  |  | Proposed acronym: FS\_EHECS | Revised to S1-214250 |
| 39 | 4 | [**S1-214250**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214250.zip) | OPPO | ***New SID: Study on Energy Harvesting enabled Communication Services in*** | SID new |  |  |  |  |  |  |  |  | Revision of S1-214134. | Noted |
| 40 | 4 | [**S1-214152**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214152.zip) | Alibaba Group | ***Motivation of support Passive IoT in non-public network*** | discussion |  |  |  |  |  |  |  | Introductory presentation to the SID in next document. | Proposed acronym: FS\_PINPN | Noted |
| 41 | 4 | [**S1-214149**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214149.zip) | Alibaba Group | ***Study on Passive IoT in non-public network*** | SID new |  |  |  |  |  |  |  | This study is aiming at new use cases and service requirements of support passive IoT in non-public network.  The objectives include to define Study use cases related to the support of passive IoT with extremely low cost in non-public network. | Proposed acronym: FS\_PINPN  This can be merged Oppo's study in 4134 | Revised to S1-214251 |
| 42 | 4 | [**S1-214251**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214251.zip) | Alibaba | ***Study on Passive IoT in non-public network*** | SID new |  |  |  |  |  |  |  |  | Revision of S1-214149.  Not available on Nov 25th | Noted |
| 43 | 4 | [**S1-214127**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214127.zip) | China Telecom Corporation Ltd. | ***Discussion on Study on Enhanced Relay Communication with High Reliability and High Data Rate*** | discussion |  |  |  |  |  |  |  | Introductory presentation to the SID in next document. | Proposed acronym: FS\_eReCoRD | Noted |
| 44 | 4 | [**S1-214125**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214125.zip) | China Telecom Corporation Ltd. | ***New SID on Enhanced Relay Communication with High Reliability and High Data Rate*** | SID new |  |  |  |  |  |  |  | The objectives of this study are mainly to define the Use cases and corresponding requirements on multi-path one-hop relay. | Proposed acronym: FS\_eReCoRD  For Sony, the gap with existing requirements should be made more explicit. | Revised to S1-214252 |
| 45 | 4 | [**S1-214252**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214252.zip) | China Telecom | ***New SID on Enhanced Relay Communication with High Reliability and High Data*** | SID new |  |  |  |  |  |  |  |  | Revision of S1-214125. | Noted |
| 46 | 4 | [**S1-214148**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214148.zip) | Alibaba Group | ***Motivation of support Passive IoT in non-public network*** | discussion |  |  |  |  |  |  |  |  |  | Withdrawn |
| 01 | 5 | [**S1-214020**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214020.zip) | Huawei Technologies Sweden AB | ***Editorial corrections to clause 6.23.2 (QoS monitoring)*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0580 |  | D | 16.15.0 | [Rel-16](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=191) | [QoS\_MON](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=790004) |  |  | Agreed |
| 02 | 5 | [**S1-214021**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214021.zip) | Huawei Technologies Sweden AB | ***Editorial corrections to clause 6.23.2 (QoS monitoring)*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0581 |  | A | 17.8.0 | [Rel-17](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [QoS\_MON](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=790004) |  |  | Agreed |
| 03 | 5 | [**S1-214022**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214022.zip) | Huawei Technologies Sweden AB | ***Editorial corrections to clause 6.23.2 (QoS monitoring)*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0582 |  | A | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [QoS\_MON](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=790004) |  |  | Agreed |
| 04 | 5 | [**S1-214015**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214015.zip) | Huawei Technologies France | ***Editorial correction TS22125*** | CR | [22.125](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3545) | 0038 |  | D | 17.4.0 | [Rel-17](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [ID\_UAS](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=810049) |  | Typos Cover page Moved from 8  Rev2 agreed | Revised to S1-214309 |
| 05 | 5 | **S1-214309** | Huawei | ***CR Editorial to T22.125 clause 6.4 and clause 7.1*** | CR | 22.125 | 0038 | 1 | D | 17.4.0 | Rel-17 | ID\_UAS | Replaces S1-214015 | Moved from 8 4015r2 agreed Revision of S1-214015. | Agreed |
| 01 | 6.1 | [**S1-214016**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214016.zip) | Huawei Technologies France | ***CR to 22.125 inclusive language*** | CR | [22.125](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3545) | 0039 |  | D | 17.4.0 | [Rel-17](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [ID\_UAS](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=810049) |  | Typos cover page | Revised to S1-214253 |
| 02 | 6.1 | [**S1-214253**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214253.zip) | Huawei | ***CR inclusive language correction to T22.125 clause 1*** | CR | 22.125 | 0039 | 1 | D | 17.4.0 | Rel-17 | ID\_UAS | Revision of S1-214016 | Same as 4016r2 a Revision of S1-214016. | Agreed |
| 03 | 6.1 | [**S1-214033**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214033.zip) | Huawei, HiSilicon, Nokia, Nokia Shanghai Bell | ***Use of inclusive language to align with SA2 and CT4*** | CR | [22.016](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=567) | 0014 |  | D | 16.0.0 | [Rel-17](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [TEI17](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=850047) |  |  | Agreed |
| 04 | 6.1 | [**S1-214017**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214017.zip) | Huawei Technologies France | ***CR to 22.125 correction and readability improvement*** | CR | [22.125](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3545) | 0040 |  | C | 17.4.0 | [Rel-17](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [ID\_UAS](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=810049) |  | Typos cover page | Revised to S1-214254 |
| 05 | 6.1 | [**S1-214254**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214254.zip) | Huawei | ***CR to T22.125 for correction and readability improvement clause 4.2 and clause*** | CR | 22.125 | 0040 | 1 | C | 17.4.0 | Rel-17 | ID\_UAS | Revision of S1-214017 | Same as 4017r2 agreed Revision of S1-214017. | Agreed |
| 06 | 6.1 | [**S1-214050**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214050.zip) | Nokia, Nokia Shanghai Bell, Phillips International B.V. | ***Clarification of NPN in 22.261*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0586 |  | F | 17.8.0 | [Rel-17](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | AVPROD,TEI17 |  | 4050r2 available | Revised to S1-214255 |
| 07 | 6.1 | [**S1-214255**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214255.zip) | Nokia, Nokia Shanghai Bell, Philips International B.V. | ***Clarification of NPN in 22.261*** | CR | 22.261 | 0586 | 1 | F | 17.8.0 | Rel-17 | AVPROD,TEI17 | Revision of S1-214050 | Same as 4050r5 Revision of S1-214050. | Agreed |
| 08 | 6.1 | [**S1-214051**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214051.zip) | Nokia, Nokia Shanghai Bell, Phillips International B.V. | ***Clarification of NPN in 22.261*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0587 |  | A | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | AVPROD,TEI17 |  | 4051r2 available | Revised to S1-214256 |
| 09 | 6.1 | [**S1-214256**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214256.zip) | Nokia, Nokia Shanghai Bell, Philips International B.V. | ***Clarification of NPN in 22.261*** | CR | 22.261 | 0587 | 1 | A | 18.4.0 | Rel-18 | AVPROD,TEI17 | Revision of S1-214051 | Same as 4051r6 Revision of S1-214051. | Agreed |
| 10 | 6.1 | [**S1-214052**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214052.zip) | Nokia, Nokia Shanghai Bell | ***Change to Annex D on use of IMC*** | CR | [22.228](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=629) | 0234 |  | F | 17.0.0 | [Rel-17](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [TEI17](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=850047) |  | 4052r1 available | Revised to S1-214257 |
| 11 | 6.1 | [**S1-214257**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214257.zip) | Nokia, Nokia Shanghai Bell | ***Change to Annex D on use of IMC*** | CR | 22.228 | 0234 | 1 | F | 17.0.0 | Rel-17 | TEI17 | Revision of S1-214052 | Same as 4052r3 Revision of S1-214052. | Agreed |
| 12 | 6.1 | [**S1-214124**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214124.zip) | Peraton Labs, CISA ECD, Verizon, AT&T, T-Mobile US | ***Editorial correction of reference*** | CR | [22.153](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=617) | 0051 |  | D | 17.2.0 | [Rel-17](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [MPS2](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=840032) | Editorial correction of reference | Version in cover page must be 17.2.0 | Revised to S1-214258 |
| 13 | 6.1 | [**S1-214258**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214258.zip) | Peraton Labs, CISA ECD, Verizon, AT&T, T-Mobile US | ***Editorial correction of reference*** | CR | 22.153 | 0051 | 1 | D | 17.2.0 | Rel-17 | MPS2 | Revision of S1-214124 | Same as 4124r2 Revision of S1-214124. | Agreed |
| 14 | 6.1 | [**S1-214126**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214126.zip) | Peraton Labs | ***Editorial correction of reference (Rel-18 Mirror)*** | CR | [22.153](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=617) | 0052 |  | D | 18.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [MPS2](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=840032) | Editorial correction of reference (Rel-18 Mirror) | The mirror must be Cat A | Revised to S1-214259 |
| 15 | 6.1 | [**S1-214259**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214259.zip) | Peraton Labs, CISA ECD, Verizon, AT&T, T-Mobile US | ***Editorial correction of reference (Rel-18 Mirror)*** | CR | 22.153 | 0052 | 1 | D | 18.0.0 | Rel-18 | MPS2 | Revision of S1-214126 | Same as 4126r2 Revision of S1-214126. | Agreed |
| 16 | 6.1 | [**S1-214128**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214128.zip) | Peraton Labs, CISA ECD,Verizon, AT&T, T-Mobile US | ***MPS for DTS description alignment*** | CR | [22.153](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=617) | 0053 |  | F | 17.2.0 | [Rel-17](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [MPS2](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=840032) | MPS for DTS description alignment with stage 2/3 | Version in cover page must be 17.2.0 | Revised to S1-214260 |
| 17 | 6.1 | [**S1-214260**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214260.zip) | Peraton Labs, CISA ECD,Verizon, AT&T, T-Mobile US | ***MPS for DTS description alignment*** | CR | 22.153 | 0053 | 1 | F | 17.2.0 | Rel-17 | MPS2 | Revision of S1-214128 | Same as 4128r2 Revision of S1-214128. | Agreed |
| 18 | 6.1 | [**S1-214129**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214129.zip) | Peraton Labs, CISA ECD,Verizon, AT&T, T-Mobile US | ***MPS for DTS description alignment (Rel-18 Mirror)*** | CR | [22.153](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=617) | 0054 |  | F | 18.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [MPS2](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=840032) | MPS for DTS description alignment with stage 2/3 (Rel-18 Mirror) | The mirror must be Cat A | Revised to S1-214261 |
| 19 | 6.1 | [**S1-214261**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214261.zip) | Peraton Labs, CISA ECD,Verizon, AT&T, T-Mobile US | ***MPS for DTS description alignment (Rel-18 Mirror)*** | CR | 22.153 | 0054 | 1 | F | 18.0.0 | Rel-18 | MPS2 | Revision of S1-214129 | Same as 4129r2 Revision of S1-214129. | Agreed |
| 20 | 6.1 | [**S1-214166**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214166.zip) | Philips International B.V. | ***NPN support for positioning service requirement*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0625 |  | F | 17.8.0 | [Rel-17](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | AVPROD,TEI17 |  | CR0625R- Cat F | Agreed |
| 21 | 6.1 | [**S1-214167**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214167.zip) | Philips International B.V. | ***NPN support for positioning service requirement*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0626 |  | A | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | AVPROD,TEI17 |  | WI code TEI17, AVPROD Rel-18 CR0626R- Cat A | Agreed |
| 01 | 6.2 | [**S1-214067**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214067.zip) | Qualcomm Incorporated | ***Clarification on SNPN UEs without USIM*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0591 |  | F | 16.15.0 | [Rel-16](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=191) | [TEI16](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=770050) |  | 4067r2 agreed | Revised to S1-214262 |
| 02 | 6.2 | [**S1-214262**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214262.zip) | Qualcomm | ***Clarification to NPN requirements on USIM and multiple subscriptions*** | CR | 22.261 | 0591 | 1 | F | 16.15.0 | Rel-16 | TEI16 | Revision of S1-214067 | Same as 4067r2 Revision of S1-214067. | Agreed |
| 03 | 6.2 | [**S1-214069**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214069.zip) | Qualcomm Incorporated | ***Clarification on SNPN UEs without USIM*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0592 |  | A | 17.8.0 | [Rel-17](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [TEI17](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=850047) |  | 4069r1 agreed | Revised to S1-214263 |
| 04 | 6.2 | [**S1-214263**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214263.zip) | Qualcomm | ***Clarification to NPN requirements on USIM and multiple subscriptions*** | CR | 22.261 | 0592 | 1 | A | 17.8.0 | Rel-17 | TEI17 | Revision of S1-214069 | Same as 4069r1 Revision of S1-214069. | Agreed |
| 05 | 6.2 | [**S1-214070**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214070.zip) | Qualcomm Incorporated | ***Clarification on SNPN UEs without USIM*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0593 |  | A | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [TEI18](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920042) |  | 4070r1 agreed | Revised to S1-214264 |
| 06 | 6.2 | [**S1-214264**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214264.zip) | Qualcomm | ***Clarification to NPN requirements on USIM and multiple subscriptions*** | CR | 22.261 | 0593 | 1 | A | 18.4.0 | Rel-18 | TEI18 | Revision of S1-214070 | Same as 4070r1 Revision of S1-214070. | Agreed |
| 07 | 6.2 | [**S1-214071**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214071.zip) | Qualcomm Incorporated | ***CR on VR sync requirements*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0594 |  | F | 16.15.0 | [Rel-16](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=191) | [TEI16](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=770050) | This CR clarifies the requirements on Virtual Reality. | Still changes on changes  Open for further e-mail discussions | Revised to S1-214265 |
| 08 | 6.2 | [**S1-214265**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214265.zip) | Qualcomm | ***Clarification on VR sync requirements*** | CR | 22.261 | 0594 | 1 | F | 16.15.0 | Rel-16 | TEI16 | Revision of S1-214071 | Same as 4071r3 Revision of S1-214071. | Agreed |
| 09 | 6.2 | [**S1-214072**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214072.zip) | Qualcomm Incorporated | ***CR on VR sync requirements*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0595 |  | A | 17.8.0 | [Rel-17](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=192) | [TEI17](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=850047) |  |  | Noted |
| 10 | 6.2 | [**S1-214073**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214073.zip) | Qualcomm Incorporated | ***CR on VR sync requirements*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0596 |  | A | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [TEI18](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920042) |  | Late document | Noted |
| 02 | 7.2.1 | [**S1-214140**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214140.zip) | Kyonggi University | ***Elaborating potential requirements for transportation convenience service*** | pCR | [22.890](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3699) |  |  |  | 0.5.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_RAILSS](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=850044) | In this pCR, elabroated potential requirements are considered for the existing use case, i.e., transportation convenience service for the passengers with reduced mobility, which is supported by leveraging a zone information. | 4140r2 last day | Revised to S1-214270 |
| 03 | 7.2.1 | [**S1-214270**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214270.zip) | Kyonggi University | ***Elaborating potential requirements for transportation convenience service*** | pCR | 22.890 |  |  |  | 0.5.0 | Rel-18 | FS\_RAILSS | Revision of S1-214140 | Same as 4140r2 Revision of S1-214140. | Agreed |
| 04 | 7.2.1 | [**S1-214168**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214168.zip) | Hansung University, LGUplus, ETRI | ***Automatic monitoring of smart station*** | pCR | [22.890](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3699) |  |  |  | 0.5.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_RAILSS](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=850044) | This pCR describes a monitoring usecase by AI. If an abnormal situation is made, the AI indicates that and makes notice to controller of the smart station. | orig. version last day | Noted |
| 05 | 7.2.1 | [**S1-214141**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214141.zip) | Kyonggi University | ***Scalable transportation convenience service for the passengers with the reduced mobility*** | pCR | [22.890](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3699) |  |  |  | 0.5.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_RAILSS](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=850044) | In this pCR, we consider a smart transportation convenience service by utilizing zone information, whose resolution shall be scalable, which is useful when considering different levels of distance between adjacent destinations. |  | Withdrawn |
| 01 | 7.2.2 | [**S1-214219**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214219.zip) | Rapporteur | ***TR 22.890 on FS\_RAILSS*** | pCR | 22.890 |  |  |  | 0.5.0 | Rel-18 | FS\_RAILSS | Revision of S1-214141 | First draft by Friday 19th 23:00 UTC Comments till Mon 22nd 23:00UTC Final version by Tue 23rd 23:00UTC | Agreed |
| 02 | 7.3.1 | [**S1-214040**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214040.zip) | InterDigital | ***Correction of network condition change per UE*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0583 |  | F | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [AMMT](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920030) |  | 4040r2 last day | Revised to S1-214266 |
| 03 | 7.3.1 | [**S1-214266**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214266.zip) | InterDigital | ***Correction of network condition change per UE*** | CR | 22.261 | 0583 | 1 | F | 18.4.0 | Rel-18 | AMMT | Revision of S1-214040 | Same as 4040r2 Revision of S1-214040. | Agreed |
| 04 | 7.3.1 | [**S1-214077**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214077.zip) | OPPO | ***CR22.261v18.4.0 Update to charging requirements for AMMT*** | CR | [22.874](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3721) | 0004 |  | B | 18.1.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [AMMT](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920037) | Adding a new requirement of charging in clause 9.1 | Double check the CR number | Revised to S1-214267 |
| 05 | 7.3.1 | [**S1-214267**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214267.zip) | OPPO | ***Update to charging requirements for AMMT*** | CR | 22.261 | 0629 |  | B | 18.4.0 | Rel-18 | AMMT |  | Same as 4077r5 Revision of S1-214077. | Agreed |
| 06 | 7.3.1 | [**S1-214078**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214078.zip) | OPPO | ***CR22.115v18.0.0 Update to charging requirements for AMMT*** | CR | [22.115](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=608) | 0106 |  | B | 18.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [AMMT](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920037) | In TS22.115, compared to special cases defined in clause 5.2, the AI/ML operation is different because: - The model training and inference in a AI/ML operation may be performed in different time/location rather than transmitted simultaneously. So the network may collect the data in different time/location. - Different party may be charged for different type of service in a AI/ML operation. E.g. service provider is charged for model training and end user is charged for inference | Orig. version last day | Noted |
| 07 | 7.3.1 | [**S1-214080**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214080.zip) | OPPO | ***CR22.261v18.4.0 Adding requirement of FL for AMMT*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0597 |  | B | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [AMMT](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920037) | Add requirements for FL into 22.261 | BMWi awas OK with rev4, but not with rev5, that says that anything can be sent to the 3rd party. Samsung agree with rev5 and has to double-check about rev4.  Nokia explained that the exposed information is anyway not a matter of SA1 and should be decided e.g. by SA2. BMWi is fine with this, and this is OK with rev4 but not with r5.  Samsung and LGE pointed out that rev5 only mention examples.  To be sent back to e-mail. | Revised to S1-214268 |
| 08 | 7.3.1 | [**S1-214268**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214268.zip) | OPPO | ***Adding requirement of FL for AMMT*** | CR | 22.261 | 0597 | 1 | B | 18.4.0 | Rel-18 | AMMT | Revision of S1-214080 | Same as 4080r7 Revision of S1-214080. | Agreed |
| 09 | 7.3.1 | [**S1-214083**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214083.zip) | OPPO | ***CR22.261v18.4.0 Adding definition of terminology for AMMT*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0598 |  | F | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [AMMT](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920037) | Add definition of AMMT related terminology into 22.261 | The format of the text is not right  Rev4: Qualcomm cannot agree with the Note.  Title mentioning the spec and version: to be removed.  Not correct category, not correct clause affected.  Intel cannot agree to have a defintion of AI-ML session | Revised to S1-214269 |
| 10 | 7.3.1 | [**S1-214269**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214269.zip) | OPPO | ***Adding definition of terminology for AMMT*** | CR | 22.261 | 0598 | 1 | F | 18.4.0 | Rel-18 | AMMT | Revision of S1-214083 | Same as 4083r6 Revision of S1-214083. | Agreed |
| 02 | 7.4.1 | [**S1-214122**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214122.zip) | TNO | ***Editorial changes to TR22.926*** | pCR | [22.926](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3722) |  |  |  | 1.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_5GET](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=860010) |  |  | Agreed |
| 03 | 7.4.1 | [**S1-214123**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214123.zip) | TNO | ***5GET, adding a note on country borders*** | pCR | [22.926](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3722) |  |  |  | 1.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_5GET](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=860010) |  | orig. version last day | Agreed |
| 04 | 7.4.1 | [**S1-214142**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214142.zip) | TNO | ***Resolving editor notes in 22.926*** | pCR | [22.926](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3722) |  |  |  | 1.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_5GET](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=860010) |  |  | Agreed |
| 05 | 7.4.1 | [**S1-214054**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214054.zip) | THALES, TNO, Samsung | ***Proposed 9.2 Guidelines for handling extra-territoriality in the 3GPP system*** | pCR | [22.926](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3722) |  |  |  | 1.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_5GET](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=860010) |  | 4054r2 last day  Several typos identified  Agreed as rev3. | Revised to S1-214271 |
| 06 | 7.4.1 | [**S1-214271**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214271.zip) | Thales, TNO, Samsung | ***Proposed 9.2 Guidelines for handling extra-territoriality in the 3GPP system*** | pCR | 22.926 |  |  |  | 1.0.0 | Rel-18 | FS\_5GET | Revision of S1-214054 | Same as 4054r3 Revision of S1-214054. | Agreed |
| 07 | 7.4.1 | [**S1-214026**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214026.zip) | THALES, TNO, Samsung | ***proposed 9.2 guidelines*** | pCR | [22.926](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3722) |  |  |  | 1.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_5GET](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=860010) |  |  | Withdrawn |
| 01 | 7.4.2 | [**S1-214215**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214215.zip) | Rapporteur (Thales) | ***Cover sheet of the TR22.926 for approval*** | TS or TR cover |  |  |  |  |  |  |  |  | TR cover sheet for approval First draft by Friday 19th 23:00 UTC Comments till Mon 22nd 23:00UTC Final version by Tue 23rd 23:00UTC | Agreed |
| 02 | 7.4.2 | [**S1-214216**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214216.zip) | Rapporteur | ***TR 22.926 v.1.1.0 on FS\_GET*** | TR |  |  |  |  |  |  |  |  | First draft by Friday 19th 23:00 UTC Comments till Mon 22nd 23:00UTC Final version by Tue 23rd 23:00UTC | Agreed |
| 02 | 7.5.1 | [**S1-214031**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214031.zip) | Union Inter. Chemins de Fer | ***Global clean up to remove unnecessary clauses*** | pCR | [22.990](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3768) |  |  |  | 1.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_OffNetRail](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880036) |  |  | Agreed |
| 03 | 7.5.1 | [**S1-214032**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214032.zip) | Union Inter. Chemins de Fer | ***Clean up of references*** | pCR | [22.990](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3768) |  |  |  | 1.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_OffNetRail](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880036) |  |  | Agreed |
| 01 | 7.5.2 | [**S1-214217**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214217.zip) | Rapporteur | ***Cover page for FS\_OffnetRail*** | TS or TR cover |  |  |  |  |  |  |  |  | TR cover sheet for approval First draft by Friday 19th 23:00 UTC Comments till Mon 22nd 23:00UTC Final version by Tue 23rd 23:00UTC | Agreed |
| 02 | 7.5.2 | [**S1-214218**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214218.zip) | Rapporteur | ***TR 22.990 v.1.1.0 on FS\_OffnetRail*** | TR |  |  |  |  |  |  |  |  | First draft by Friday 19th 23:00 UTC Comments till Mon 22nd 23:00UTC Final version by Tue 23rd 23:00UTC | Agreed |
| 02 | 7.6.1 | [**S1-214013**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214013.zip) | Huawei Technologies France | ***CR to TS22104 correction of reference for clause 5.6.1*** | CR | [22.104](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3528) | 0089 |  | C | 18.2.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [SEI](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920032) |  | Typos cover page  Rev6: fix title, date, section 5.6 should not be shown as deleted since it is not intended to be deleted  Rev7 agreed | Revised to S1-214272 |
| 03 | 7.6.1 | [**S1-214272**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214272.zip) | Huawei | ***Correction of references for clause 2*** | CR | 22.104 | 0089 | 1 | C | 18.2.0 | Rel-18 | SEI | Revision of S1-214013 | Same as 4013r7 Revision of S1-214013. | Agreed |
| 04 | 7.6.1 | [**S1-214058**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214058.zip) | Qualcomm Austria RFFE GmbH | ***Update to Smart Grid Normative Requirements*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0589 |  | F | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [SEI](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920032) | Some of the normative requirements related to IEEE/IEC profiles need clarification. | Rev1: Qualcomm explained that the referenced IEEE specs-that you have to pay for- provide unclear guidance and should be moved at best as informative annex. For Deutsche Telekom, "should" has to be changed by "can".  Samsung noticed that the entire Annex A of 22.104 contains requirements.  Mixed up of numbers. This is said to be for 22.261 when it is for 22.104. New tdoc and CR number to be provided. Tdoc is 4211. | Revised to S1-214211 |
| 05 | 7.6.1 | [**S1-214211**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214211.zip) | Qualcomm | ***Update to Smart Grid normative requirements*** | CR | 22.104 | 0091 |  | F | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [SEI](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920032) | Replaces 4058 | Revision of S1-214058.  4211r4 last day | Revised to S1-214273 |
| 06 | 7.6.1 | [**S1-214273**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214273.zip) | Qualcomm | ***Update to Smart Grid normative requirements*** | CR | 22.104 | 0091 | 1 | F | 18.4.0 | Rel-18 | SEI | Revision of S1-214211 | Same as 4211r5 Revision of S1-214058. Revision of S1-214211. | Agreed |
| 07 | 7.6.1 | [**S1-214065**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214065.zip) | ZTE Corporation | ***Alignment with new added smart grid*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0590 |  | D | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [SEI](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920032) | In SA1#95, the smart grid related description and requirements have been added into TS22.261 and TS22.104. But there still has some alignments needed to be addressed. | Rev1: wrong version uploaded  Rev2 for e-mail discussion | Revised to S1-214274 |
| 08 | 7.6.1 | [**S1-214274**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214274.zip) | ZTE | ***Alignment with new added smart grid*** | CR | 22.261 | 0590 | 1 | D | 18.4.0 | Rel-18 | SEI | Revision of S1-214065 | 4065r4 agreed Revision of S1-214065. | Agreed |
| 09 | 7.6.1 | [**S1-214068**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214068.zip) | ZTE Corporation | ***Remove editor note for Figure A.4.4.3-1*** | CR | [22.104](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3528) | 0090 |  | D | 18.2.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [SEI](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920032) |  |  | Agreed |
| 03 | 7.7.1 | [**S1-214084**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214084.zip) | vivo, KPN, Futurewei | ***Update the general section of PIRates*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0599 |  | B | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [PIRates](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930029) | Update the general section of PIRates | 4084r3 last day | Revised to S1-214275 |
| 04 | 7.7.1 | [**S1-214275**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214275.zip) | vivo, KPN, Futurewei | ***Update the general section of PIRates*** | CR | 22.261 | 0599 | 1 | B | 18.4.0 | Rel-18 | PIRates | Revision of S1-214084 | Same as 4084r3 Revision of S1-214084. | Agreed |
| 05 | 7.7.1 | [**S1-214085**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214085.zip) | vivo, KPN | ***Update the gateways section of PIRates*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0600 |  | B | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [PIRates](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930029) | Update the gateways section of PIRates | 4085r4 last day | Revised to S1-214276 |
| 06 | 7.7.1 | [**S1-214276**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214276.zip) | vivo, KPN | ***Update the gateways section of PIRates*** | CR | 22.261 | 0600 | 1 | B | 18.4.0 | Rel-18 | PIRates | Revision of S1-214085 | Same as 4085r4 Revision of S1-214085. | Agreed |
| 07 | 7.7.1 | [**S1-214086**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214086.zip) | vivo, KPN | ***Update the operation without 5G core network connectivity section of PIRates*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0601 |  | F | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [PIRates](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930029) | Update the operation without 5G core network connectivity section of PIRates |  | Noted |
| 08 | 7.7.1 | [**S1-214087**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214087.zip) | vivo, KPN | ***Update the discovery section of PIRates*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0602 |  | C | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [PIRates](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930029) | Update the discovery section of PIRates | C 4087r1 last day: the new requirement should not be added, and the cover page should be updated (and no rev mark).  3rd bullet should be at the same level as the pevious ones.  Rev2 agreed | Revised to S1-214277 |
| 09 | 7.7.1 | [**S1-214277**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214277.zip) | vivo, KPN, InterDigital | ***Update the discovery section of PIRates*** | CR | 22.261 | 0602 | 1 | C | 18.4.0 | Rel-18 | PIRates | Revision of S1-214087 | Same as 4087r2 Revision of S1-214087. | Agreed |
| 10 | 7.7.1 | [**S1-214088**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214088.zip) | vivo, KPN | ***Update the security section of PIRates*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0603 |  | B | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [PIRates](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930029) | Update the security section of PIRates |  | Noted |
| 11 | 7.7.1 | [**S1-214089**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214089.zip) | vivo, KPN, Futurewei | ***Update the creation and management section of PIRates*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0604 |  | C | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [PIRates](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930029) | Update the creation and management section of PIRates | C 4089r4 last day  Rev5 presented: modified when presenting.  Rev6 agreed. | Revised to S1-214278 |
| 12 | 7.7.1 | [**S1-214278**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214278.zip) | vivo, KPN, Futurewei | ***Update the creation and management section of PIRates*** | CR | 22.261 | 0604 | 1 | C | 18.4.0 | Rel-18 | PIRates | Revision of S1-214089 | Same as 4089r6 Revision of S1-214089. | Agreed |
| 13 | 7.7.1 | [**S1-214162**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214162.zip) | Philips International B.V. | ***Adding leftover PIN requirement to normative spec*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0622 |  | B | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [PIRates](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930022) | The CR adds leftover requirement [PR 5.13.6-7] into normative specification TS 22.261. | Rev 2 agreed, clean changes on changes. | Revised to S1-214279 |
| 14 | 7.7.1 | [**S1-214279**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214279.zip) | Philips International B.V. | ***Adding leftover PIN requirement to normative spec*** | CR | 22.261 | 0622 | 1 | B | 18.4.0 | Rel-18 | PIRates | Revision of S1-214162 | Same as 4162r2 Revision of S1-214162.  Wrong CR rev# on the cover page. | Revised to S1-214312 |
| 15 | 7.7.1 | **S1-214312** | Philips International B.V. | ***Adding leftover PIN requirement to normative spec*** | CR | 22.261 | 0622 | 2 | B | 18.4.0 | Rel-18 | PIRates | Revision of S1-214279 | Same as 4162r2 Revision of S1-214162. Revision of S1-214279. | Agreed |
| 16 | 7.7.1 | [**S1-214091**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214091.zip) | vivo, KPN | ***Correction on the definition of PIN and PIN Element*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0605 |  | F | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [PIRates](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930029) | Correction on the definition of PIN and PIN Element | R4 agreed (no trackc change, noce change on chances and Personal IoT Network: A configured and managed group of at least one UE PIN Element and one or more PIN Element(s) that communicate with each other. ) | Revised to S1-214280 |
| 17 | 7.7.1 | [**S1-214280**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214280.zip) | vivo, KPN | ***Correction on the definition of PIN and PIN Element*** | CR | 22.261 | 0605 | 1 | F | 18.4.0 | Rel-18 | PIRates | Revision of S1-214091 | Same as 4280r4 Revision of S1-214091. | Agreed |
| 18 | 7.7.1 | [**S1-214092**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214092.zip) | vivo, KPN | ***Update the 5G LAN requirements for PIRates*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0606 |  | B | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [PIRates](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930029) | Update the 5G LAN requirements for PIRates |  | Noted |
| 19 | 7.7.1 | [**S1-214093**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214093.zip) | vivo, KPN | ***Correction for 5G-RG*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0607 |  | F | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [PIRates](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930029) | Correction for 5G-RG |  | Agreed |
| 20 | 7.7.1 | [**S1-214094**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214094.zip) | vivo, KPN | ***Definitions for non 3GPP device*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0608 |  | B | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [PIRates](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930029) | Definitions for non 3GPP device | last day  Note for the minutes: it is concluded not to define the non-3GPP device and let it self-explanatory. | Noted |
| 21 | 7.7.1 | [**S1-214200**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214200.zip) | vivo, KPN, Philips International B.V. | ***Definitions for non 3GPP device*** | CR | 22.101 | 0579 |  | B | 18.2.0 | Rel-18 | PIRates |  | 4200r1 last day  Note for the minutes: it is concluded not to define the non-3GPP device and let it self-explanatory. | Noted |
| 22 | 7.7.1 | [**S1-214212**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214212.zip) | Vivo | ***Way forward for non-3GPP device definition*** | Other |  |  |  |  |  |  |  | Background and way forward for non-3GPP device definition | Show of hands for slide 4:  O1 ("non-3GPP device: a device that does not support USIM."): 9 companies  O2 ("non-3GPP device: a device that doesn’t support 3GPP credentials"): 1 company (Huawei)  O3 (not on slide, "no definition is introduced"): 8 companies | Noted |
| 23 | 7.7.1 | [**S1-214095**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214095.zip) | vivo, KPN | ***PIRates requirements for PWS & ecall*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0609 |  | B | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [PIRates](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930029) | PIRates requirements for PWS & ecall |  | Noted |
| 24 | 7.7.1 | [**S1-214090**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214090.zip) | vivo, KPN, Futurewei | ***Addition of PIN requirement for credentials provisioning*** | CR | [22.101](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=605) | 0578 |  | B | 18.2.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [PIRates](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930029) | Addition of PIN requirement for credentials provisioning | Rev3: discussions to be continued by e-mail.  Last day: rev8: clean-up needed  Agreed as rev9 | Revised to S1-214281 |
| 25 | 7.7.1 | [**S1-214281**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214281.zip) | vivo, KPN, Futurewei, Intel | ***Addition of PIN requirement for credentials provisioning*** | CR | 22.101 | 0578 | 1 | B | 18.2.0 | Rel-18 | PIRates | Revision of S1-214090 | Same as 4090r8 Revision of S1-214090. | Agreed |
| 26 | 7.7.1 | [**S1-214096**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214096.zip) | vivo, KPN | ***Pirates general introduction – missing background text*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0610 |  | B | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [PIRates](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930029) | Pirates general introduction – missing background text | 4096r2 last day, edited during presentation  Rev3 agreed | Revised to S1-214282 |
| 27 | 7.7.1 | [**S1-214282**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214282.zip) | vivo, KPN, Intel | ***Pirates general introduction missing background text*** | CR | 22.261 | 0610 | 1 | B | 18.4.0 | Rel-18 | PIRates | Revision of S1-214096 | Same as 4096r3 Revision of S1-214096. | Agreed |
| 28 | 7.7.1 | [**S1-214164**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214164.zip) | Philips International B.V. | ***Replacing undefined term PIN User*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0623 |  | F | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [PIRates](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930022) |  | 4164r1 last day  Wrong CR rev# on the cover page. | Revised to S1-214283 |
| 29 | 7.7.1 | [**S1-214283**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214283.zip) | Philips International B.V. | ***Replacing undefined term PIN User*** | CR | 22.261 | 0623 | 1 | F | 18.4.0 | Rel-18 | PIRates | Revision of S1-214164 | Same as 4164r1 Revision of S1-214164. | Revised to S1-214313 |
| 30 | 7.7.1 | **S1-214313** | Philips International B.V. | ***Replacing undefined term PIN User*** | CR | 22.261 | 0623 | 2 | F | 18.4.0 | Rel-18 | PIRates | Revision of S1-214283 | Same as 4164r1 Revision of S1-214164. Revision of S1-214283. | Agreed |
| 31 | 7.7.1 | [**S1-214165**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214165.zip) | Philips International B.V. | ***Clarifying Licensed Intercept requirement*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0624 |  | F | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [PIRates](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930022) |  | 4165r3 agreed (no track changes on the cover page) | Revised to S1-214284 |
| 32 | 7.7.1 | [**S1-214284**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214284.zip) | Philips International B.V. | ***Clarifying Lawful Intercept requirements*** | CR | 22.261 | 0624 | 1 | F | 18.4.0 | Rel-18 | PIRates | Revision of S1-214165 | Same as 4165r3 Revision of S1-214165.  Wrong CR rev# on the cover page. | Revised to S1-214314 |
| 33 | 7.7.1 | **S1-214314** | Philips International B.V. | ***Clarifying Lawful Intercept requirements*** | CR | 22.261 | 0624 | 2 | F | 18.4.0 | Rel-18 | PIRates | Revision of S1-214284 | Same as 4165r3 Revision of S1-214165. Revision of S1-214284. | Agreed |
| 02 | 7.8.1 | [**S1-214034**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214034.zip) | vivo | ***Addition of PALs requirement for manual selection*** | CR | [22.011](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=566) | 0325 |  | B | 18.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [PALS](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920031) |  | A CR to 22.261 will be provided instead, in S1-214205 | Noted |
| 03 | 7.8.1 | [**S1-214205**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214205.zip) | vivo | ***Addition of PALs requirement for manual selection*** | CR | 22.261 | 0627 |  | B | 18.0.0 | Rel-18 | PALS | Instead of S1-214034 | 4205r3 last day | Revised to S1-214285 |
| 04 | 7.8.1 | [**S1-214285**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214285.zip) | vivo | ***Addition of PALs requirement for manual selection*** | CR | 22.261 | 0627 | 1 | B | 18.0.0 | Rel-18 | PALS | Revision of S1-214205 | Same as 4205r3 Revision of S1-214205. | Agreed |
| 05 | 7.8.1 | [**S1-214055**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214055.zip) | Qualcomm Austria RFFE GmbH | ***Adding Informative Annex for PALS*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0588 |  | F | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [PALS](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920031) |  |  | Agreed |
| 06 | 7.8.1 | [**S1-214139**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214139.zip) | Intel, Futurewei | ***Clarification of Service Providers for PALS*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0614 |  | F | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [PALS](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920031) | Clarification of Service Providers for PALS | Format in cover page  Nov11: rev5: asked by Qualcomm to be | Revised to S1-214286 |
| 07 | 7.8.1 | [**S1-214286**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214286.zip) | Intel, Futurewei, Charter Communications, Qualcomm | ***Clarification of Service Providers for PALS*** | CR | 22.261 | 0614 | 1 | F | 18.4.0 | Rel-18 | PALS | Revision of S1-214139 | Same as 4139r6 Revision of S1-214139. | Agreed |
| 02 | 7.9.1 | [**S1-214154**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214154.zip) | Qualcomm Incorporated | ***CR adding NPN clarification plus editorials*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0619 |  | F | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [VMR](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930021) |  |  | Agreed |
| 02 | 7.10.1 | [**S1-214027**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214027.zip) | Union Inter. Chemins de Fer | ***Triggering a change of communication privileges for a particular FRMCS User based on identities and/or talker status*** | CR | [22.989](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3109) | 0008 |  | C | 18.2.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_eFRMCS](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=900026) |  | 4027r1 agreed | Revised to S1-214287 |
| 03 | 7.10.1 | [**S1-214287**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214287.zip) | UIC | ***Triggering a change of communication privileges for a particular FRMCS User based on identities and/or talker status*** | CR | 22.989 | 0008 | 1 | C | 18.2.0 | Rel-18 | FS\_eFRMCS | Revision of S1-214027 | Same as 4027r1 Revision of S1-214027.  Wrong date format. | Revised to S1-214315 |
| 04 | 7.10.1 | **S1-214315** | UIC | ***Triggering a change of communication privileges for a particular FRMCS User based on identities and/or talker status*** | CR | 22.989 | 0008 | 2 | C | 18.2.0 | Rel-18 | FS\_eFRMCS | Revision of S1-214287 | Same as 4027r1 Revision of S1-214027. Revision of S1-214287. | Agreed |
| 05 | 7.10.1 | [**S1-214028**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214028.zip) | Union Inter. Chemins de Fer | ***Arbitration: automatic answer*** | CR | [22.989](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3109) | 0009 |  | C | 18.2.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_eFRMCS](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=900026) |  |  | Agreed |
| 06 | 7.10.1 | [**S1-214029**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214029.zip) | Union Inter. Chemins de Fer | ***Alignment between Changing conditions of Railway Emergency Alert and Merging Railway Emergency Alert*** | CR | [22.989](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3109) | 0010 |  | C | 18.2.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_eFRMCS](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=900026) |  | 4029r1 agreed | Revised to S1-214288 |
| 07 | 7.10.1 | [**S1-214288**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214288.zip) | UIC | ***Alignment between Changing conditions of Railway Emergency Alert and Merging Railway Emergency Alert*** | CR | 22.989 | 0010 | 1 | C | 18.2.0 | Rel-18 | FS\_eFRMCS | Revision of S1-214029 | Same as 4029r1 Revision of S1-214029.  Wrong date format. | Revised to S1-214316 |
| 08 | 7.10.1 | **S1-214316** | UIC | ***Alignment between Changing conditions of Railway Emergency Alert and Merging Railway Emergency Alert*** | CR | 22.989 | 0010 | 2 | C | 18.2.0 | Rel-18 | FS\_eFRMCS | Revision of S1-214288 | Same as 4029r1 Revision of S1-214029. Revision of S1-214288. | Agreed |
| 09 | 7.10.1 | [**S1-214030**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214030.zip) | Union Inter. Chemins de Fer | ***Service interworking between FRMCS and GSM-R of presence is no more required*** | CR | [22.989](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3109) | 0011 |  | C | 18.2.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_eFRMCS](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=900026) |  |  | Agreed |
| 03 | 7.11.1 | [**S1-214158**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214158.zip) | Xiaomi | ***Correction of editorial issues*** | CR | [22.847](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3848) | 0012 |  | D | 18.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_TACMM](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=900027) |  | TACMM general status on Thursday11 Nov: Threads 1 to 5 to be while the other ones can be concluded.  Wrong CR number  Some wrong styles | Revised to S1-214289 |
| 04 | 7.11.1 | [**S1-214289**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214289.zip) | Xiaomi | ***Correction of editorial issues*** | CR | 22.847 | 0012 | 1 | D | 18.0.0 | Rel-18 | FS\_TACMM | Revision of S1-214158 | Same as 4158r1 Revision of S1-214158.  Wrong CR rev# on the cover page. | Revised to S1-214317 |
| 05 | 7.11.1 | **S1-214317** | Xiaomi | ***Correction of editorial issues*** | CR | 22.847 | 0012 | 2 | D | 18.0.0 | Rel-18 | FS\_TACMM | Revision of S1-214289 | Same as 4158r1 Revision of S1-214158. Revision of S1-214289.  Not available on Nov 25th | Agreed |
| 06 | 7.11.1 | [**S1-214041**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214041.zip) | Huawei Technologies R&D UK | ***FS\_TACMM multi-modality vs. multi-modal*** | discussion |  |  |  |  |  |  |  |  | This introduces the CR in 4042. | Noted |
| 07 | 7.11.1 | [**S1-214042**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214042.zip) | Huawei Technologies R&D UK | ***Align the use of multi-modal*** | CR | [22.847](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3848) | 0002 |  | D | 18.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_TACMM](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=900027) | This cleans-up the inconsistencies between "modality" and "modal". | Use cases | Agreed |
| 09 | 7.11.1 | [**S1-214130**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214130.zip) | Huawei Technologies R&D UK | ***FS\_TACMM resolving the ENs in clause 5.1*** | discussion |  |  |  |  |  |  |  | There are several editor’s notes in clause 5.1 “Immersive multi-modal Virtual Reality (VR) application”. This document discusses the remaining issues and proposes the way forward to resolve these ENs. |  | Noted |
| 10 | 7.11.1 | [**S1-214132**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214132.zip) | Huawei, HiSilicon, InterDigital, China Mobile | ***Resolving the Editor’s Notes in clause 5.1*** | CR | [22.847](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3848) | 0011 |  | F | 18.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_TACMM](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=900027) |  | Qualcomm and Nokia have concerns about the wording.  No disagreement on the first change though.  Also, the square brackets should be solved at some point.  This can be split into 2 CRs, with one dedicated to Service Area. This is the preferred approach. The new CR is in S1-214206.  For LG, the numbers in square brackets have to follow some studies or equivalent. They cannot be just introduced without justification. | Revised to S1-214290 |
| 11 | 7.11.1 | [**S1-214290**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214290.zip) | Huawei, HiSilicon, InterDigital, China Mobile, Deutsche Telekom | ***Resolving the Editor s Notes in clause 5.1*** | CR | 22.847 | 0011 | 1 | F | 18.0.0 | Rel-18 | FS\_TACMM | Revision of S1-214132 | Same as 4132r4 Revision of S1-214132. | Agreed |
| 12 | 7.11.1 | [**S1-214206**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214206.zip) | Huawei, HiSilicon, InterDigital, China Mobile, Deutsche Telekom | ***Resolving the Editor s Note in the KPI table in clause 5.1*** | CR | 22.847 | 0013 |  | F | 18.0.0 | Rel-18 | FS\_TACMM | Resulting from CR S1-214132 being split into 2: this new CR is to capture the changes in the KPI table that can be agreed; while the existing CR (S1-214132) would keep the rest of the changes for further discussion. | 4206r2 last day | Revised to S1-214291 |
| 13 | 7.11.1 | [**S1-214291**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214291.zip) | Huawei, HiSilicon, InterDigital, China Mobile, Deutsche Telekom | ***Resolving the Editor s Note in the KPI table in clause 5.1*** | CR | 22.847 | 0013 | 1 | F | 18.0.0 | Rel-18 | FS\_TACMM | Revision of S1-214206 | Same as 4206r2 Revision of S1-214206. | Agreed |
| 14 | 7.11.1 | [**S1-214059**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214059.zip) | LG Electronics Inc. | ***Update of the KPI table in clause 5.4*** | CR | [22.847](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3848) | 0003 |  | F | 18.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_TACMM](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=900027) | The CR removes square brackets in the attribute of “latency”, and adds quantitative amount to the attribute of “service range”. | Rev1 pre-agreed (1st bullet of the reason for change deleted) | Revised to S1-214292 |
| 15 | 7.11.1 | [**S1-214292**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214292.zip) | LG Electronics | ***Update of the KPI table in clause 5.4*** | CR | 22.847 | 0003 | 1 | F | 18.0.0 | Rel-18 | FS\_TACMM | Revision of S1-214059 | Moved from 7.11.2 Same as 4059r1 Revision of S1-214059.  Not available on Nov 25th. | Agreed |
| 16 | 7.11.1 | [**S1-214012**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214012.zip) | InterDigital | ***Verification of KPIs for the use case in clause 5.5*** | CR | [22.847](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3848) | 0001 |  | F | 18.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_TACMM](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=900027) | The Editor’s Note on the KPIs fo reliability and synchronisation thresholds is removed.  The Service Area is included. | All format changes should be accepted.  Rev1 agreed. | Revised to S1-214293 |
| 17 | 7.11.1 | [**S1-214293**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214293.zip) | InterDigital | ***Verification of KPIs for the use case in clause 5.5*** | CR | 22.847 | 0001 | 1 | F | 18.0.0 | Rel-18 | FS\_TACMM | Revision of S1-214012 | Same as 4012r1 Revision of S1-214012. | Agreed |
| 18 | 7.11.1 | [**S1-214114**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214114.zip) | China Mobile Com. Corporation | ***Discussion on cleaning up EN and TBD in KPI table in TR22.847 clause 5.2*** | discussion |  |  |  |  |  |  |  |  |  | Noted |
| 19 | 7.11.1 | [**S1-214113**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214113.zip) | China Mobile Com. Corporation | ***TACMM CR Clean up EN and TBD in KPI table in TR22.847 clause 5.2*** | CR | [22.847](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3848) | 0007 |  | F | 18.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_TACMM](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=900027) |  | All format changes should be accepted.  Rev2 agreed. | Revised to S1-214294 |
| 20 | 7.11.1 | [**S1-214294**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214294.zip) | China Mobile | ***Clean up EN and TBD in KPI table in TR22.847 clause 5.2*** | CR | 22.847 | 0007 | 1 | F | 18.0.0 | Rel-18 | FS\_TACMM | Revision of S1-214113 | Same as 4113r2 agreed Revision of S1-214113.  Wrong CR rev# on the cover page. | Revised to S1-214318 |
| 21 | 7.11.1 | **S1-214318** | China Mobile | ***TACMM CR Clean up EN and TBD in KPI table in TR22.847 clause 5.2*** | CR | 22.847 | 0007 | 2 | F | 18.0.0 | Rel-18 | FS\_TACMM | Revision of S1-214294 | F Same as 4113r2 agreed Revision of S1-214113. Revision of S1-214294. | Agreed |
| 22 | 7.11.1 | [**S1-214116**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214116.zip) | China Mobile Com. Corporation | ***TACMM CR Clean up TBD in KPI table in TR22.847 clause 5.3*** | CR | [22.847](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3848) | 0008 |  | F | 18.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_TACMM](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=900027) |  | 4116r1 last day | Revised to S1-214295 |
| 23 | 7.11.1 | [**S1-214295**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214295.zip) | China Mobile | ***Clean up EN and TBD in KPI table in TR22.847 clause 5.3*** | CR | 22.847 | 0008 | 1 | F | 18.0.0 | Rel-18 | FS\_TACMM | Revision of S1-214116 | Same as 4116r1 Revision of S1-214116.  Wrong CR rev# on the cover page. | Revised to S1-214319 |
| 24 | 7.11.1 | **S1-214319** | China Mobile | ***TACMM CR Clean up TBD in KPI table in TR22.847 clause 5.3*** | CR | 22.847 | 0008 | 2 | F | 18.0.0 | Rel-18 | FS\_TACMM | Revision of S1-214295 | F Same as 4116r1 Revision of S1-214116. Revision of S1-214295. | Agreed |
| 25 | 7.11.1 | [**S1-214117**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214117.zip) | China Mobile Com. Corporation | ***TACMM CR Clean up EN in TR22.847 clause 5.8*** | CR | [22.847](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3848) | 0009 |  | F | 18.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_TACMM](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=900027) |  | CPRs and others | Revised to S1-214296 |
| 26 | 7.11.1 | [**S1-214296**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214296.zip) | China Mobile | ***Clean up EN and TBD in KPI table in TR22.847 clause 5.2*** | CR | 22.847 | 0009 | 1 | F | 18.0.0 | Rel-18 | FS\_TACMM | Revision of S1-214117 | Same as 4117r1 Revision of S1-214117.  Wrong CR rev# on the cover page. | Revised to S1-214320 |
| 27 | 7.11.1 | **S1-214320** | China Mobile | ***TACMM CR Clean up EN in TR22.847 clause 5.8*** | CR | 22.847 | 0009 | 2 | F | 18.0.0 | Rel-18 | FS\_TACMM | Revision of S1-214296 | F Same as 4117r1 Revision of S1-214117. Revision of S1-214296.th | Agreed |
| 29 | 7.11.1 | [**S1-214082**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214082.zip) | Xiaomi | ***Requirements consolidated on tactile and multi-modality service*** | CR | [22.847](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3848) | 0004 |  | B | 18.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_TACMM](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=900027) | Addition of consolidated requirements | Wrong CR number, CR not using the right format | Noted |
| 30 | 7.11.1 | [**S1-214121**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214121.zip) | China Mobile Com. Corporation, China Mobile, Huawei, InterDigital, Futurewei | ***TACMM discussion on PR consolidation*** | discussion |  |  |  |  |  |  |  |  |  | Noted |
| 31 | 7.11.1 | [**S1-214110**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214110.zip) | China Mobile Com. Corporation, Huawei, Interdigital, LG Electronic, Futurewei | ***TACMM CR Consolidation of potential requirements*** | CR | [22.847](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3848) | 0005 |  | B | 18.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_TACMM](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=900027) |  | 4110r2 avalaible | Revised to S1-214297 |
| 32 | 7.11.1 | [**S1-214297**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214297.zip) | China Mobile, Huawei, Interdigital, Futurewei, China Southern Power Grid | ***TACMM Consolidation of potential requirements*** | CR | 22.847 | 0005 | 1 | B | 18.0.0 | Rel-18 | FS\_TACMM | Revision of S1-214110 | Same as 4110r3 Revision of S1-214110.  Wrong CR rev# on the cover page. | Revised to S1-214321 |
| 33 | 7.11.1 | **S1-214321** | China Mobile, Huawei, Interdigital, LG Electronic, Futurewei | ***TACMM CR Consolidation of potential requirements*** | CR | 22.847 | 0005 | 2 | B | 18.0.0 | Rel-18 | FS\_TACMM | Revision of S1-214297 | B Same as 4110r3 Revision of S1-214110. Revision of S1-214297. | Agreed |
| 34 | 7.11.1 | [**S1-214111**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214111.zip) | China Mobile Com. Corporation, China Mobile, Huawei, Interdigital, LG Electronic | ***TACMM CR Consolidation of KPIs*** | CR | [22.847](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3848) | 0006 |  | B | 18.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_TACMM](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=900027) |  | 4111r1 available | Revised to S1-214298 |
| 35 | 7.11.1 | [**S1-214298**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214298.zip) | China Mobile, Huawei, Interdigital, LG Electronics, China Southern Power Grid | ***TACMM Consolidation of KPIs*** | CR | 22.847 | 0006 | 1 | B | 18.0.0 | Rel-18 | FS\_TACMM | Revision of S1-214111 | Same as 4111r3 Revision of S1-214111.  Wrong CR rev# on the cover page. | Revised to S1-214322 |
| 36 | 7.11.1 | **S1-214322** | China Mobile, Huawei, Interdigital, LG Electronic | ***TACMM CR Consolidation of KPIs*** | CR | 22.847 | 0006 | 2 | B | 18.0.0 | Rel-18 | FS\_TACMM | Revision of S1-214298 | B Same as 4111r3 Revision of S1-214111. Revision of S1-214298. | Agreed |
| 37 | 7.11.1 | [**S1-214118**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214118.zip) | China Mobile Com. Corporation | ***TACMM CR Add conclusion*** | CR | [22.847](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3848) | 0010 |  | B | 18.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_TACMM](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=900027) | This CR adds adds a conclusion to TR22.847 | Wrong category, better B  Last day: rev3. Changes on changes. Last sentence to be enhance.  Rev4 agreed | Revised to S1-214299 |
| 38 | 7.11.1 | [**S1-214299**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214299.zip) | China Mobile | ***TACMM Add conclusion*** | CR | 22.847 | 0010 | 1 | B | 18.0.0 | Rel-18 | FS\_TACMM | Revision of S1-214118 | code FS\_TACMM Rel-18 CR0010R- Cat F Same as 4118r4 Revision of S1-214118.  Wrong CR rev# on the cover page. | Revised to S1-214323 |
| 39 | 7.11.1 | **S1-214323** | China Mobile | ***TACMM CR Add conclusion*** | CR | 22.847 | 0010 | 2 | B | 18.0.0 | Rel-18 | FS\_TACMM | Revision of S1-214299 | code FS\_TACMM Rel-18 CR0010R- Cat F Same as 4118r4 Revision of S1-214118. Revision of S1-214299. | Agreed |
| 02 | 7.11.2 | [**S1-214120**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214120.zip) | China Mobile Com. Corporation, InterDigital, Huawei | ***TACMM CR Introduction of text for Tactile and multi-modal communication service*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0611 |  | B | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | TACMM,TACMM | The CR adds normative requirements and KPIs for tactile and multi-modal communication service. | Rev4: still several concerns (Nokia, Qualcomm, etc)  Rev6: still changes on changes  Last day: rev7 agreed | Revised to S1-214300 |
| 03 | 7.11.2 | [**S1-214300**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214300.zip) | China Mobile, InterDigital, Huawei | ***Introduction of text for Tactile and multi-modal communication service*** | CR | 22.261 | 0611 | 1 | B | 18.4.0 | Rel-18 | TACMM,TACMM | Revision of S1-214120 | Same as 4120r7 Revision of S1-214120.  Wrong CR rev# on the cover page. | Revised to S1-214324 |
| 04 | 7.11.2 | **S1-214324** | China Mobile Com. Corporation, InterDigital, Huawei | ***TACMM CR Introduction of text for Tactile and multi-modal communication service*** | CR | 22.261 | 0611 | 2 | B | 18.4.0 | Rel-18 | TACMM,TACMM | Revision of S1-214300 | Same as 4120r7 Revision of S1-214120. Revision of S1-214300. No presentation | Agreed |
| 05 | 7.11.2 | [**S1-214156**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214156.zip) | Xiaomi | ***Introduction of TACMM requirements*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0620 |  | B | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [TACMM](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930027) |  | Wrong CR number | Merged |
| 02 | 7.12 | [**S1-214019**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214019.zip) | BDBOS | ***Table linking CPRs to their PRs and use cases*** | CR | [22.881](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3698) | 0001 |  | D | 18.0.1 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [SACI\_MCS](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930026) | This CR provides a table linking the consolidated potential requirements to their potential requirements and use cases for clarification purposes. | Moved from 7.1.1 | Agreed |
| 03 | 7.12 | [**S1-214037**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214037.zip) | OPPO | ***CR22.874 FS\_AMMT update to CPR tables with new format*** | CR | [22.874](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3721) | 0003 |  | D | 18.1.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_AMMT](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=860009) | Update to CPR tables in TR 22.874 with new format | Moved from 7.3.1  Revised to include the changes proposed in S1-214079 and S1-214081.  Category to be changed to B.  Rev1 agreed | Revised to S1-214301 |
| 04 | 7.12 | [**S1-214301**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214301.zip) | OPPO | ***FS\_AMMT update to CPR tables with new format*** | CR | 22.874 | 0003 | 1 | D | 18.1.0 | Rel-18 | FS\_AMMT | Revision of S1-214037 | Moved from 7.3.1 Same as 4037r1 | Agreed |
| 05 | 7.12 | [**S1-214060**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214060.zip) | LG Electronics Inc. | ***EASNS CPR mapping to PR(s)*** | CR | [22.835](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3777) | 0005 |  | D | 18.1.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_EASNS](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880035) |  |  | Agreed |
| 06 | 7.12 | [**S1-214053**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214053.zip) | Nokia, Nokia Shanghai Bell | ***Update CPR tables*** | CR | [22.878](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3769) | 0003 |  | D | 18.1.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_5TRS](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880037) |  |  | Agreed |
| 07 | 7.12 | [**S1-214018**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214018.zip) | China Telecommunications | ***Filling all CPRs into a normalized table*** | CR | [22.867](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3770) | 0020 |  | D | 18.1.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_5GSEI](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880038) |  | Why rev1?] Moved from 7.6.1 | Revised to S1-214302 |
| 08 | 7.12 | [**S1-214302**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214302.zip) | China Telecom | ***Filling all CPRs into a normalized table*** | CR | 22.867 | 0020 | 1 | D | 18.1.0 | Rel-18 | FS\_5GSEI | Revision of S1-214018 | Moved from 7.6.1 Same as 4018r1 Revision of S1-214018.  Rev marks on cover page. | Revised to S1-214325 |
| 09 | 7.12 | **S1-214325** | China Telecom | ***Filling all CPRs into a normalized table*** | CR | 22.867 | 0020 | 2 | D | 18.1.0 | Rel-18 | FS\_5GSEI | Revision of S1-214302 | Moved from 7.6.1 Same as 4018r1 Revision of S1-214018. Revision of S1-214302. | Agreed |
| 10 | 7.12 | [**S1-214043**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214043.zip) | KPN | ***Resident consolidated requirements table update*** | CR | [22.858](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3772) | 0027 |  | D | 18.1.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_Resident](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880040) |  | Moved from 5 | Agreed |
| 11 | 7.12 | [**S1-214097**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214097.zip) | vivo | ***Format Corrections on Consolidated Potential requirements*** | CR | [22.859](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3773) | 0019 |  | F | 18.1.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_PIN](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880041) | Format Corrections on Consolidated Potential requirements | Should be category F | Revised to S1-214303 |
| 12 | 7.12 | [**S1-214303**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214303.zip) | vivo | ***Format Corrections on Consolidated Potential requirements*** | CR | 22.859 | 0019 | 1 | F | 18.1.0 | Rel-18 | FS\_PIN | Revision of S1-214097 | Same as 4097r1 Revision of S1-214097. | Agreed |
| 14 | 7.12 | [**S1-214057**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214057.zip) | Qualcomm Austria RFFE GmbH | ***CPR# to PR# Mapping for PALS*** | CR | [22.844](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3831) | 0009 |  | F | 18.1.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_PALS](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=890023) |  | Wrong Wi code, should be FS\_PALS | Revised to S1-214304 |
| 15 | 7.12 | [**S1-214304**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214304.zip) | Qualcomm | ***CPR# to PR# Mapping for PALS*** | CR | 22.844 | 0009 | 1 | F | 18.1.0 | Rel-18 | FS\_PALS | Revision of S1-214057 | Same as 4057r1 Revision of S1-214057. | Agreed |
| 16 | 7.12 | [**S1-214153**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214153.zip) | Qualcomm Incorporated | ***CPR Mapping*** | CR | [22.839](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3830) | 0001 |  | D | 18.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_VMR](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=890022) |  |  | Agreed |
| 18 | 7.12 | [**S1-214155**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214155.zip) | Qualcomm Incorporated | ***Proposal on Human readable name for NW slices*** | other |  |  |  |  |  |  |  |  | No consensus on last day (objections from Deutsche Telekom) | Noted |
| 19 | 7.12 | [**S1-214157**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214157.zip) | Qualcomm Incorporated | ***CR on Human readable name for NW slices*** | CR | [22.261](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0621 |  | C | 18.4.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [EASNS](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=910032) |  | No consensus on last day (objections from Deutsche Telekom) | Noted |
| 20 | 7.12 | [**S1-214131**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214131.zip) | Peraton Labs, CISA ECD, Verizon, AT&T, T-Mobile US | ***MPS and Supplementary Services Interactions*** | CR | [22.153](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=617) | 0055 |  | B | 18.0.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [TEI18](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920042) | MPS and Supplementary Services Interactions | Rev2: Problem in the cover page (other spec affected not filled up). Fixed in rev3.  Rev3 pre-agreed | Revised to S1-214310 |
| 21 | 7.12 | **S1-214310** | Peraton Labs, CISA ECD, Verizon, AT&T, T-Mobile US | ***MPS and Supplementary Services Interactions*** | CR | 22.153 | 0055 | 1 | B | 18.0.0 | Rel-18 | TEI18 | Replaces S1-214131 | 4131r3 agreed (checking other specs affected) Revision of S1-214131. | Agreed |
| 23 | 7.12 | [**S1-214079**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214079.zip) | OPPO | ***FS\_AMMT TR22.874 Update to charging requirements*** | CR | [22.874](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3721) | 0005 |  | F | 18.1.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [AMMT](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920037) | Reword the charging CPR and remove the EN below the CPR. | If agreeable merge to 4037 Moved from 7.3.1 | Merged |
| 24 | 7.12 | [**S1-214081**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214081.zip) | OPPO | ***FS\_AMMT update to requirements of FL for AMMT*** | CR | [22.874](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3721) | 0006 |  | F | 18.1.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [AMMT](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920037) | Separate CPR-042 into two requirements since the two requirements are irrelevant and with some rewording. | If agreeable merge to 4037 Moved from 7.3.1 | Merged |
| 25 | 7.12 | [**S1-214103**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214103.zip) | Samsung R&D Institute UK | ***Discussion on Flocking Use Case requirements for AMMT*** | discussion |  |  |  |  |  |  |  | This document discusses the intention of the Flocking use case and provides further information to clarify the intent and need for a requirement to support it. | Which is the CR related? | Noted |
| 27 | 7.12 | [**S1-214010**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214010.zip) | China Telecommunications | ***Get the missing figure A.1-1 back*** | CR | [22.867](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3770) | 0017 |  | D | 18.1.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_5GSEI](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880038) |  | Why rev1? This cannot be cat D. Moved from 7.6.1 | Revised to S1-214305 |
| 28 | 7.12 | [**S1-214305**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214305.zip) | China Telecom | ***Get the missing figure A.1-1 back*** | CR | 22.867 | 0017 | 1 | D | 18.1.0 | Rel-18 | FS\_5GSEI | Revision of S1-214010 | Moved from 7.6.1 Same as 4010r3 Revision of S1-214010. | Revised to S1-214326 |
| 28r | 7.12 | **S1-214326** | China Telecom | ***Get the missing figure A.1-1 back*** | CR | 22.867 | 0017 | 2 | D | 18.1.0 | Rel-18 | FS\_5GSEI | Replaces S1-214305 | Same as 4097r1 Revision of S1-214097. | Agreed |
| 29 | 7.12 | [**S1-214011**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214011.zip) | China Telecommunications | ***Removal of all existing Editor’s Notes in TR 22.867*** | CR | [22.867](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3770) | 0018 |  | D | 18.1.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_5GSEI](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880038) |  | Why rev1? This cannot be cat D. Moved from 7.6.1 | Revised to S1-214306 |
| 30 | 7.12 | [**S1-214306**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214306.zip) | China Telecom | ***Removal of all existing Editor s Notes in TR 22.867*** | CR | 22.867 | 0018 | 1 | D | 18.1.0 | Rel-18 | FS\_5GSEI | Revision of S1-214011 | Moved from 7.6.1 Same as 4011r2 Revision of S1-214011. | Agreed |
| 31 | 7.12 | [**S1-214014**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214014.zip) | Huawei Technologies France | ***CR to T22.867 v18.1.0 clause 5.13 correction of reference for clause 5.6.1*** | CR | [22.867](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3770) | 0019 |  | C | 18.1.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_5GSEI](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880038) |  | Typos Cover page Moved from 7.6.1  Title not to repeat the spec and version  Rev6 agreed | Revised to S1-214307 |
| 32 | 7.12 | [**S1-214307**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214307.zip) | Huawei | ***Reference corrections for clause 2 and clauses in 5.13*** | CR | 22.867 | 0019 | 1 | C | 18.1.0 | Rel-18 | FS\_5GSEI | Revision of S1-214014 | Moved from 7.6.1 Same as 4014r6 Revision of S1-214014. | Agreed |
| 34 | 7.12 | [**S1-214163**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214163.zip) | Philips International B.V. | ***Adding leftover PIN requirement to consolidated requirements*** | CR | [22.859](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3773) | 0020 |  | F | 18.1.0 | [Rel-18](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [FS\_PIN](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880041) |  | Moved from 7.7.1 | Revised to S1-214308 |
| 35 | 7.12 | [**S1-214308**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214308.zip) | Philips International B.V. | ***Adding leftover PIN requirement to consolidated requirements*** | CR | 22.859 | 0020 | 1 | F | 18.1.0 | Rel-18 | FS\_PIN | Revision of S1-214163 | Moved from 7.7.1 Same as 4163r1 Revision of S1-214163. | Agreed |
| 01 | 10.2 | [**S1-214220**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214220.zip) | Hansung University | ***FS\_RAILSS Status report*** | report |  |  |  |  |  |  |  |  | This is now for Rel-19 | Noted |
| 02 | 10.2 | [**S1-214221**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214221.zip) | THALES | ***FS\_5GET Status report*** | report |  |  |  |  |  |  |  | 100% ready |  | Noted |
| 03 | 10.2 | [**S1-214222**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214222.zip) | UIC | ***FS\_OffNetRail Status report*** | report |  |  |  |  |  |  |  | 100% ready |  | Noted |
| 04 | 10.2 | [**S1-214223**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214223.zip) | UIC | ***FS\_eFRMCS Status report*** | report |  |  |  |  |  |  |  | 100% ready |  | Noted |
| 05 | 10.2 | [**S1-214224**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214224.zip) | China Mobile | ***FS\_TACMM Status report*** | report |  |  |  |  |  |  |  | 100% ready |  | Noted |
| 06 | 10.2 | [**S1-214225**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214225.zip) | BDBOS | ***SACI\_MCS Status report*** | report |  |  |  |  |  |  |  | 100% ready |  | Noted |
| 07 | 10.2 | [**S1-214226**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214226.zip) | OPPO | ***AMMT Status report*** | report |  |  |  |  |  |  |  | 100% ready |  | Noted |
| 08 | 10.2 | [**S1-214227**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214227.zip) | China Telecom | ***SEI Status report*** | report |  |  |  |  |  |  |  | 100% ready |  | Noted |
| 09 | 10.2 | [**S1-214228**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214228.zip) | Vivo | ***Pirates Status report*** | report |  |  |  |  |  |  |  | 100% ready |  | Noted |
| 10 | 10.2 | [**S1-214229**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214229.zip) | Qualcomm | ***PALS Status report*** | report |  |  |  |  |  |  |  | 100% ready |  | Noted |
| 11 | 10.2 | [**S1-214230**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214230.zip) | Qualcomm | ***VMR Status report*** | report |  |  |  |  |  |  |  | 100% ready |  | Noted |
| 12 | 10.2 | [**S1-214231**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214231.zip) | China Mobile | ***TACMM Status report*** | report |  |  |  |  |  |  |  | 100% ready | All studies for Rel-18 are now 100% complete. | Noted |
|  | 99 | [**S1-214202**](https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/Docs/S1-214202.zip) | Qualcomm | ***CR related to UAV*** | CR | 22.125 | 0024 | 1 |  |  |  |  |  |  | Withdrawn |