3GPP TSG-SA WG1 Meeting #89-e S1-201002

E-meeting, 10 - 14 Feb 2020

Title: 1st Draft Agenda for SA1#89-e

Ag. Item: 1.1

Source: SA1 Chairman

Contact: Jose Almodovar

Submission Guidelines

* **Submission deadlines:**
  + **Tdoc number** and **CR number** requests: **Thursday,** 6 February January  2020, 23:00 UTC
  + Document **submission**: **Thursday,** 6 February January  2020, 23:00 UTC
* Documents that miss either deadline will be considered as **LATE** and will be given low priority
* **Tdoc numbers and CR numbers** can be reserved and documents uploaded at <https://portal.3gpp.org/> (register, then click on the "C" next to 3GPPSA1#88)
* Please use the document templates available at [ftp://ftp.3gpp.org/tsg\_sa/WG1\_Serv/TSGS1\_89\_ Guangzhou/templates](ftp://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_89_%20Guangzhou/templates)
* For CRs:
  + **TEI16 CRs will only be accepted if there is no impact to Stage 2 or Stage 3 or for alignment purposes**
  + **CRs** **MUST have a CR number** allocated by the secretary BEFORE being submitted
  + **CRs MUST have a Work Item code**, and the WI code must be valid for the specific release (i.e. Rel-14 CR with Rel-13 WI is not permitted)
  + Work Item Codes for the CRs are available at <http://www.3gpp.org/ftp/Specs/html-info/FeatureListFrameSet.htm>
  + SA1-specific WI codes are available at <http://www.3gpp.org/ftp/Specs/html-info/TSG-WG--s1--wis.htm>

**LEGEND**

**Doc Type**: AGE (Agenda), CC (Incoming Liaison Statement Copied to SA1), Cont (Contribution), CR (Change request), , LS OUT(Outgoing Liaison Statement), TO (Incoming Liaison Statement To SA1), TR (Technical Report), TS (Technical Specification), REP (Report), WID (Work Item Description), WP (Work Plan)

**Conclusion**: Agreed, Approved, Revised to S1-20xxxx, Noted, Withdrawn, Moved to section xxx, Rejected, Postponed, Email Approval, Not Handled, Unallocated, Drafting

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Doc  Type | Tdoc number | Sourcing company(ies) | Document Title | Conclusion | Comments |
| CR | S1-19xxxx | Source | Title | Agreed / Approved |  |
| CR | S1-19xxxx | Source | Title | Revised to S1-20xxxx |  |
| CR | S1-19xxxx | Source | Title | Noted |  |
| CR | S1-19xxxx | Source | Title | Withdrawn |  |
| CR | S1-19xxxx | Source | Title | Moved to section xxx |  |
| CR | S1-19xxxx | Source | Title | Rejected |  |
| CR | S1-19xxxx | Source | Title | Postponed |  |
| CR | S1-19xxxx | Source | Title | Email Approval |  |
| CR | S1-19xxxx | Source | Title | Not Handled |  |
| CR | S1-19xxxx | Source | Title | Unallocated / Drafting |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Opening of the meeting | | | | | |
| Opening of the meeting at 23:00 UTC on Sunday 9 February 2020 | | | | | |
| Agenda, scheduling and process | | | | | |
| AGE | [S1-201000](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201000.zip) | SA1 Chairman | Draft agenda for SA1#89-e | Noted |  |
| AGE | [S1-201001](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201001.zip) | SA1 Chairman | Draft agenda and schedule for SA1#89-e | Noted |  |
| AGE | [S1-201002](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201002.zip) | SA1 Chairman | Draft agenda and schedule for SA1#89-e - revised |  |  |
| Cont | [S1-201004](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201004.zip) | SA1 Chairman | Rules for SA1#89 e-meeting | Noted |  |
| IPR, antitrust and competition laws | | | | | |
|  | | **IPR call reminder**  I draw your attention to your obligations under the 3GPP Partner Organizations’ IPR policies. Every Individual Member organization is obliged to declare to the Partner Organization or Organizations of which it is a member any IPR owned by the Individual Member or any other organization which is or is likely to become essential to the work of 3GPP.  Delegates are asked to take note that they are thereby invited:   * to investigate whether their organization or any other organization owns IPRs which were, or were likely to become Essential in respect of the work of 3GPP. * to notify their respective Organizational Partners of all potential IPRs, e.g., for ETSI, by means of the IPR Information Statement and the Licensing declaration forms.   **Antitrust policy Reminder**  I also draw your attention to the fact that 3GPP activities are subject to all applicable antitrust and competition laws and that compliance with said laws is therefore required of any participant of this WG meeting including the Chairman and Vice Chairman. In case of question I recommend that you contact your legal counsel.  The leadership shall conduct the present meeting with impartiality and in the interests of 3GPP.  Furthermore, I would like to remind you that timely submission of work items in advance of TSG/WG meetings is important to allow for full and fair consideration of such matters.  **Statement Regarding Engagement with Companies Added to the U.S. Export Administration Regulations (EAR) Entity List in 3GPP Activities** [**https://www.3gpp.org/about-3gpp/legal-matters**](https://www.3gpp.org/about-3gpp/legal-matters)  **1. Public Information is Not Subject to EAR**  3GPP is an open platform where all contributions (including technology protected or not by patent) made by the different Individual Members under the membership of each respective Organizational Partner are publicly available. Indeed, contributions by all and any Individual Members are uploaded to a public file server when received and then the documents are effectively in the public domain.  In addition, since membership of email distribution lists is open to all, documents and emails distributed by that means are considered to be publicly available.  As a result, information contained in 3GPP contributions, documents, and emails distributed at 3GPP meetings or by 3GPP email distribution lists, because it is made available to the public without restrictions upon its further dissemination, is not subject to the export restrictions of the EAR.  Meeting minutes are maintained for 3GPP meetings. Such meeting minutes for 3GPP meetings are made available to the public without restrictions upon its further dissemination. As a result, information, including information conveyed orally, contained in 3GPP meetings is not subject to the export restriction of the EAR; this would include information conveyed during side meetings that may occur during the main meetings, if these meetings are open to any participants and the results of all said meetings are publicly available without restrictions upon their further dissemination.  **2. Non-Public Information**  Non-public information refers to the information not contained or not intended to be contained in 3GPP contributions, documents or emails. Such non-public information may be disclosed during informal meetings, exchanges, discussions or any form of other communication outside the 3GPP meetings and email distribution lists, and may be subject to the EAR.  **3. Other Information**  Certain encryption software controlled under the International Traffic in Arms Regulations (ITAR), even if publicly available, may still be subject to US export controls other than the EAR.  **4. Conduct of Meetings**  The situation should be considered as "business as usual" during all the meetings called by 3GPP.  **5. Responsibility of Individual Members**  It should be remembered that contributions, meetings, exchanges, discussions or any form of other communication in or outside the 3GPP meetings are of the accountability, integrity and the responsibility of each Individual Member. In addition, Individual Members remain responsible for ensuring their compliance with all applicable export control regulations, including but not limited to EAR.  Individual Members with questions regarding the impact of laws and regulations on their participation in 3GPP should contact their companies’ legal counsels. | | |  |
| Liaison Statements (including related contributions) | | | | | |
| **Manual CAG Selection** | | | | | |
| TO | [S1-201005](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201005.zip) | C1-199047 | LS on Manual CAG Selection |  |  |
| OUT | [S1-201030](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201030.zip) | LG Electronics Inc. | Draft Reply LSon Manual CAG Selection | Noted |  |
| CR | [S1-201037](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201037.zip) | NTT DOCOMO | CR 22.261v16.10.0 Manual CAG selection clarification | Revised to S1-201066 | *WI code* TEI16 *Rel-16 CR0435R- Cat F* |
| CR | [S1-201066](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201066.zip) | NTT DOCOMO | CR 22.261v16.10.0 Manual CAG selection clarification |  | WI code TEI16 Rel-16 CR0435R- Cat F  Revision of S1-201037. |
| CR | [S1-201038](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201038.zip) | NTT DOCOMO | CR 22.261v17.1.0 Manual CAG selection clarification | Revised to S1-201067 | WI code TEI16 Rel-16 CR0436R- Cat A |
| CR | [S1-201067](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201067.zip) | NTT DOCOMO | CR 22.261v17.1.0 Manual CAG selection clarification |  | WI code TEI16 Rel-16 CR0436R- Cat A  Revision of S1-201038. |
| OUT | [S1-201051](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201051.zip) | Qualcomm | Draft reply LS on Manual CAG Selection | Revised to S1-201068 |  |
| OUT | [S1-201068](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201068.zip) | Qualcomm | Draft reply LS on Manual CAG Selection |  | Revision of S1-201051. |
| OUT | S1-201044 | Samsung Electronics GmbH | Discussion on Manual CAG Selection | Withdrawn |  |
| OUT | S1-201046 | Samsung Electronics GmbH | [DRAFT] Response LS on Manual CAG Selection | Withdrawn |  |
| **CMAS/ETWS and emergency services for SNPNs** | | | | | |
| TO | [S1-201006](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201006.zip) | R2-1916345 | CMAS/ETWS and emergency services for SNPNs |  |  |
| CC | [S1-201012](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201012.zip) | S2-2001400 | Reply LS on CMAS/ETWS and emergency services for SNPNs |  |  |
| CR | [S1-201039](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201039.zip) | NTT DOCOMO | CR 22.261v16.10.0 Clarification of SNPN CMAS/ETWS related to PLMN | Noted | *WI code* TEI16 *Rel-16 CR0437R- Cat F* |
| CR | [S1-201040](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201040.zip) | NTT DOCOMO | CR 22.261v17.1.0 Clarification of SNPN CMAS/ETWS related to PLMN | Noted | *WI code* TEI16 *Rel-16 CR0438R- Cat A* |
| OUT | [S1-201053](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201053.zip) | Qualcomm | Draft reply LS on CMAS/ETWS for SNPNs | Revised to S1-201077 |  |
| OUT | [S1-201077](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-191077.zip) | Qualcomm | Draft reply LS on CMAS/ETWS for SNPNs |  | Revision of S1-201053. |
| OUT | [S1-201058](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201058.zip) | Nokia | Reply LS on CMAS/ETWS and emergency services for SNPNs | Revised to S1-201076 |  |
| OUT | [S1-201076](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201076.zip) | Nokia | Reply LS on CMAS/ETWS and emergency services for SNPNs |  | Revision of S1-201058. |
| **Ethernet padding compression** | | | | | |
| TO | [S1-201007](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201007.zip) | R2-1916547 | Need for Ethernet padding compression |  |  |
| Cont | [S1-201055](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201055.zip) | Qualcomm | Views on Ethernet padding | Noted |  |
| OUT | [S1-201054](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201054.zip) | Qualcomm | Draft reply LS on Need for Ethernet padding compression | Revised to S1-201069 |  |
| OUT | [S1-201069](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201069.zip) | Qualcomm | Draft reply LS on Need for Ethernet padding compression |  | Revision of S1-201054. |
| **NG-RAN to UTRAN for emergency calls** | | | | | |
| TO | S1-201008 | S2-1910682 | LS on 5G-SRVCC from NG-RAN to UTRAN for emergency calls | Withdrawn | Already handled during SA1#88. |
| **Data Off applicability to non-3GPP PDU Session and MA PDU Session** | | | | | |
| TO | [S1-201010](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201010.zip) | S2-2001137 | LS on Data Off applicability to non-3GPP PDU Session and MA PDU Session |  |  |
| Cont | [S1-201031](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201031.zip) | LG Electronics Inc. | Discussion on Data Off applicability to non-3GPP PDU Session and MA PDU Session | Noted |  |
| CR | [S1-201032](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201032.zip) | LG Electronics Inc. | CR22.011v17.0.0 CR to 22.011 On the traffic handling over non-3GPP access for PS DATA Off | Revised to S1-201070 | *WI code* PS\_DATA\_OFF *Rel-17 CR0310R- Cat F*  *Invalid WI code* |
| CR | [S1-201070](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201070.zip) | LG Electronics Inc. | CR22.011v17.0.0 CR to 22.011 On the traffic handling over non-3GPP access for PS DATA Off |  | *WI code PS\_DATA\_OFF Rel-17 CR0310R- Cat F*  *Invalid WI code*  Revision of S1-201032. |
| OUT | [S1-201033](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201033.zip) | LG Electronics Inc. | Draft Reply LS on Data Off applicability to non-3GPP PDU Session and MA PDU Session (S1-201010) | Revised to S1-201071 |  |
| OUT | [S1-201071](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201071.zip) | LG Electronics Inc. | Draft Reply LS on Data Off applicability to non-3GPP PDU Session and MA PDU Session (S1-201010) |  | Revision of S1-201033. |
| OUT | [S1-201056](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201056.zip) | Qualcomm | [DRAFT] Reply LS on Data Off applicability to non-3GPP | Noted |  |
| **Attribute Area of service and impact on PLMN selection** | | | | | |
| TO | [S1-201013](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201013.zip) | S2-2001726 | LS on GSMA NG.116 Attribute Area of service and impact on PLMN selection | Postponed |  |
| Cont | [S1-201047](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201047.zip) | Deutsche Telekom | Discussion on GSMA NG.116 Attribute Area of service and its potential impact on PLMN selection | Noted |  |
| OUT | [S1-201048](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201048.zip) | Deutsche Telekom | draft Reply LS on GSMA NG.116 Attribute Area of service and impact on PLMN selection | Noted |  |
| OUT | [S1-201057](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201057.zip) | Qualcomm | Draft reply LS on GSMA Area of service and PLMN selection | Noted |  |
| **5GC assisted cell selection for accessing network slice** | | | | | |
| TO | [S1-201014](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201014.zip) | S2-2001728 | LS on 5GC assisted cell selection for accessing network slice | Postponed |  |
| Cont | [S1-201026](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201026.zip) | Samsung Electronics GmbH | Use of Radio Spectrum for Specific Services | Noted |  |
| CR | [S1-201025](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201025.zip) | Samsung Electronics GmbH, AT&T | CR22.261v17.1.0 Operators dedicate resources for network slices | Noted | *WI code* TEI17, SMARTER *Rel-17 CR0434R- Cat F*  *Invalid WI code* |
| OUT | [S1-201024](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201024.zip) | Samsung Electronics GmbH | [DRAFT] LS on 5GC assisted cell selection for accessing network slice | Noted |  |
| Cont | [S1-201027](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201027.zip) | LG Electronics Inc. | Discussion on Network slicing selection | Noted |  |
| WID | [S1-201029](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201029.zip) | LG Electronics Inc. | New SID on Nework Slice aware Network Selection | Noted | No new SID/WID will be discussed or approved during SA1#89-e |
| OUT | [S1-201028](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201028.zip) | LG Electronics Inc. | Reply LS on 5GC assisted cell selection for accessing network slice (S2-2001728),  on GSMA NG.116 Attribute Area of service and impact on PLMN selection (S2-2001726) | Noted |  |
| OUT | [S1-201049](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201049.zip) | Deutsche Telekom | draft Reply LS on 5GC assisted cell selection for accessing network slice | Noted |  |
| Cont | [S1-201059](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201059.zip) | Nokia | Discussion on network/cell selection for specific network slice(s) | Noted |  |
| CR | [S1-201060](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201060.zip) | Nokia | CR22.261v17.1.0 PLMN and cell selection for network slice access | Noted | *WI code SMARTER\_Ph2 Rel-17 CR0439R- Cat C*  *Invalid WI code* |
| OUT | [S1-201061](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201061.zip) | Nokia | reply LS on network slice aware selection | Noted |  |
| OUT | [S1-201063](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201063.zip) | Qualcomm | Draft reply LS on 5GC assisted cell selection for network slice | Noted |  |
| **Onboarding requirements** | | | | | |
| TO | [S1-201015](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201015.zip) | S2-2001729 | Questions on onboarding requirements |  |  |
| OUT | [S1-201041](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201041.zip) | Huawei | Reply LS on Questions on onboading requirements | Noted |  |
| OUT | [S1-201050](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201050.zip) | Deutsche Telekom | draft Reply LS on Questions on onboarding requirements | Revised to S1-201078 |  |
| OUT | [S1-201078](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201078.zip) | Deutsche Telekom | draft Reply LS on Questions on onboarding requirements |  | Revision of S1-201050. |
| OUT | [S1-201062](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201062.zip) | Orange | Draft Reply on Questions on onboarding requirements | Noted |  |
| CR | [S1-201065](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201065.zip) | Qualcomm | CR22.263v17.0.0 Clarification on NPN onboarding requirements | Noted | *WI code* AVPROD *Rel-17 CR0001R- Cat F* |
| OUT | [S1-201064](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201064.zip) | Qualcomm | Draft reply LS on NPN onboarding requirements | Noted |  |
| **UE types in TS 22.262** | | | | | |
| TO | [S1-201019](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201019.zip) | S6-192394 | LS on UE types in TS 22.262 |  |  |
| OUT | [S1-201034](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201034.zip) | China Mobile | LS reply to S6-192394 on UE types in TS 22.262 | Revised to S1-201072 |  |
| OUT | [S1-201072](D:\\3GPP_SA1\\TSGS1_89_Guangzhou\\docs\\S1-201072.zip) | China Mobile | LS reply to S6-192394 on UE types in TS 22.262 |  | Revision of S1-201034. |
| **Requirements on positioning for UAS** | | | | | |
| TO | [S1-201020](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201020.zip) | S6-200269 | LS on Requirements on positioning for UAS |  |  |
| OUT | [S1-201035](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201035.zip) | InterDigital | Reply LS to SA-6 on Requirements on positioning for UAS | Revised to S1-201074 |  |
| OUT | [S1-201074](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201074.zip) | InterDigital | Reply LS to SA-6 on Requirements on positioning for UAS |  | Revision of S1-201035. |
| CR | [S1-201036](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201036.zip) | Ericsson | CR 22.071v15.0.0 Add “NG-RAN” to the Location Service stage 1 | Revised to S1-201075 | *WI code* TEI15 *Rel-17 CR0083R- Cat F* |
| CR | [S1-201075](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201075.zip) | Ericsson | CR 22.071v15.0.0 Add “NG-RAN” to the Location Service stage 1 |  | *WI code TEI15 Rel-17 CR0083R- Cat F*  Revision of S1-201036. |
| Cont | [S1-201042](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201042.zip) | Vodafone | Discussion on requirements on positioning for UAS | Noted |  |
| OUT | [S1-201043](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201043.zip) | Vodafone | [DRAFT] Reply LS on Requirements on positioning for UAS | Noted |  |
| OUT | [S1-201052](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201052.zip) | Deutsche Telekom | Reply LS on Requirements on positioning for UAS | Noted |  |
| Work planning contributions | | | | | |
| SA1 process improvements/updates | | | | | |
| TO | [S1-201023](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201023.zip) | Samsung Electronics GmbH | Terms of Reference (ToR) for 3GPP TSG SA WG1 | Noted |  |
| Cont | [S1-201045](file:///D:\3GPP_SA1\TSGS1_89_Guangzhou\docs\S1-201045.zip) | Vodafone | Discussion on SA1 Rel-16 alignment on NPN | Noted |  |
| Next meetings | | | | | |
| Calendar | | | | | |
| **2020 meetings:**  SA1#90 18-22 May 2020 TBD, North-America  SA1#91 24-28 August 2020 Wroclaw, Poland  SA1#92 16-20 Nov 2020 TBD, US  **2021 meetings:**  SA1#93 1-5 Mar 2021 TBD, Japan  SA1#94 17-21 May 2021 TBD, Europe  SA1#95 23-27 August 2021 TBD, China | | | | | |
| Close | | | | | |
| Closing of the meeting at 23:00 UTC on Friday 14 February 2020 | | | | | |