**3GPP TSG-SA WG6 Meeting #43-e S6-211121**

**e-meeting, 24th – 2nd June 2021**

Source: MCC

Title: SA6 Meeting 42-bis-e report

Agenda Item: 3

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*Abstract: Meeting report of 3GPP SA6 meeting #42-bis-e*

 **Third Generation Partnership Project (3GPP™)**

 **DRAFT Meeting Report
for
TSG SA WG6
meeting: #42-bis-e**

**e-meeting, n/a, 12/04/2021 to 20/04/2021**

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## 1 Opening of the meeting

The chair Suresh Chitturi (Samsung) opened the e-meeting that consisted of formal opening, closing and Working Agreement (WA) sessions, a number of topic specific informal online sessions of approximately 1 hour each, as well as discussions over the WG SA6 email reflector. In this report the abbreviation CC and ICC have been used to refer to Conference Calls and Informal Conference Calls respectively. The planning and schedule of these can be found in the meeting agenda.

**IPR Call Reminder:**

The chairman of the meeting made the following reminders about members’ obligations in relation to IPRs, and asked members to check the latest version of ETSI's policy available on the web server:

The attention of the delegates to the meeting of this Technical Specification Group was drawn to the fact that 3GPP Individual Members have the obligation under the IPR Policies of their respective Organizational Partners to inform their respective Organizational Partners of Essential IPRs they become aware of.

The delegates were asked to take note that they are thereby invited:

- to investigate whether their organization or any other organization owns IPRs which were, or are 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 Statement and the Licensing declaration forms (<https://www.3gpp.org/about-3gpp/legal-matters> ).

**Antitrust declaration:**

The chairman of the meeting made the following antitrust declaration:

The attention of the delegates to the meeting was drawn to the fact that 3GPP activities were subject to antitrust and competition laws and that compliance with said laws was therefore required by any participant of the meeting, including the Chairman and Vice-Chairmen and were invited to seek any clarification needed with their legal counsel. The present meeting would be conducted with strict impartiality and in the interests of 3GPP. Delegates were reminded that timely submission of work items in advance of TSG/WG meetings was important to allow for full and fair consideration of such matters.

### 1.2 Reminder to check-in at the e-meeting

The chair reminded delegates to register for the meeting and that only delegates representing individual members registered by the previously announced deadline 18:00 UTC, Thu, April 08th 2021 latest will be able to vote (see also clause 5.1 in the present report).

## 2 Agenda and Chairman’s notes

**S6-210734 SA6 Meeting 42-bis-e Agenda**

 *Type: agenda For: Approval
 Source: SA6 Chairman*

**Abstract:**

Agenda for the SA6#42-bis-e meeting

**Decision:** The document was **noted**.

**S6-210736 SA6 Meeting #42-bis-e - Agenda with Tdocs allocation after submission deadline**

 *Type: agenda For: Approval
 Source: SA6 Chairman*

**Abstract:**

The SA6#42-bis-e meeting agenda with Tdocs allocation after submission deadline

**Decision:** The document was **noted**.

**S6-210737 SA6 Meeting #42-bis-e - Agenda with Tdocs allocation at start of the meeting**

 *Type: agenda For: Approval
 Source: SA6 Chairman*

**Abstract:**

The SA6#42-bis-e meeting agenda with Tdocs allocation at the start of the meeting

**Discussion:**

The chair pointed out the late revisions S6-210944 and S6-210945.

There were no objections recorded including the late revised Tdocs as part of the agenda.

**Decision:** The document was **approved**.

**S6-210738 SA6 Meeting #42-bis-e - Chairman's notes at end of the meeting**

 *Type: agenda For: Approval
 Source: SA6 Chairman*

**Abstract:**

Chairman's notes at end of the SA6#42-bis-e meeting

**Decision:** The document was **noted**.

## 3 Report from previous meetings

**S6-210735 SA6 Meeting 42-e Report**

 *Type: report For: Approval
 Source: MCC*

**Abstract:**

The report of the SA6#42-e meeting.

**Decision:** The document was **Approved**.

**S6-210753 Report on SA6 related topics at SA#91-e**

 *Type: report For: Information
 Source: SA6 Chairman*

**Abstract:**

This document contains a brief report from SA#91-e on matters relating to SA6 WG activities.

**Discussion:**

Chairman pointed out that the approved SA6 ToR can be found as:

https://www.3gpp.org/ftp/tsg\_sa/TSG\_SA/TSGs\_91E\_Electronic/Docs/SP-210265.zip

**Decision:** The document was **noted**.

## 4 Liaison statements

### 4.1 Incoming LSs

**S6-210743 5G capabilities exposure for factories of the future - revised**

 *Type: LS in For: Action
 Original outgoing LS: LS 1 # 5G-ACIA-LS-2021-001, to SA1, SA2, SA3, SA6, cc SA, SA5, CT3, ETG, IEC TC 65, IEEE 802.1, oneM2M TP, OPC Foundation, PI (PROFIBUS & PROFINET International), TM Forum
 Source: 5G-ACIA*

**Abstract:**

1. Overall Description

5G-ACIA published a white paper in June 2020 on the exposed 5G capabilities that are needed by factory operators to manage and maintain industrial 5G devices and 5G Non-Public Networks (NPN) in a simple and efficient manner.

That white paper has now been enhanced to include additional capabilities and some clarification to the capabilities and functions from the previous version of the white paper. In particular, device-centric requirements have been clarified and a few new ones added in accordance with 3GPP TSG SA WG1 requirements of Release 17. Concerning net-work-centric requirements, network monitoring have been detailed in the Annex of the white paper. Also, the Annex now lists parameters for QoS monitoring.

Since 5G-ACIA believes that these service exposure requirements are valuable to be considered in ongoing work in 3GPP, we would like to make this new white paper available to you:

 - White paper title: Exposure of 5G capabilities for connected industries and automation applications

 - Link www.5g-acia.org/publications

 - PDF copy: attached to this liaison statement

5G-ACIA would be eager to receive 3GPP’s feedback on these new exposure interface requirements and related Stage-2 and Stage-3 work.

2. Actions

5G-ACIA would like to respectfully request 3GPP TSG SA WG1, WG2, WG3 and WG6 to consider the identified requirements as captured in the updated whitepaper and to pro-vide feedback to 5G-ACIA concerning of how the identified new requirements can be ad-dressed in Rel-17 or future releases.

**Discussion:**

Ericsson presented the LS available as S6-210743.

Ericsson suggested drafting a reply depending on the overall situation at the present meeting either during SA6#42-bis- or SA6#43. Motorola Solutions suggested preparing a reply during the SA6#43 meeting.

Huawei also supported preparing a reply during SA6#43.

Deutsche Telekom pointed out that the white paper seemed more like service level requirements closer to the SA1 work and suggested noting or postponing the LS.

**Decision:** The document was **postponed**.

**S6-210942 LS on migration from ETSI forge to 3GPP forge**

 *Type: LS in For: Action
 Original outgoing LS: C4-211513, to SA, SA5, CT3, SA4, SA6, cc CT
 Source: CT4*

**Abstract:**

1. Overall Description:

In Q3 2020 the GitLab project "3GPP/5G\_APIs' (hosted in ETSI Forge collaboration platform) was moved to a similar platform hosted in 3GPP (under 3gpp.org domain).

So, starting from plenary #89, 3GPP Forge was used as endorsed by plenary. This needs to be reflected in TR 21.900.

The reference in clause 5B to 'https://forge.etsi.org/rep/3GPP/5G\_APIs' has to be replaced by 'https://forge.3gpp.org/rep/all/5G\_APIs'.

2. Actions:

To SA group.

ACTION: CT4 kindly asks SA group to update TR 21.900.

To SA5, CT3, SA4, SA6 group.

ACTION: CT4 kindly asks working groups to take note of the proposed change.

**Discussion:**

Huawei presented the LS available as S6-210942.

**Decision:** The document was **noted**.

**S6-210941 Reply LS on IP address to GPSI translation**

 *Type: LS in For: Action
 Original outgoing LS: S2-2101307, to SA3, SA6, cc SA1
 Source: SA2*

**Abstract:**

1. Overall Description:

SA2 thank SA3 for their reply LS on IP address to GPSI translation.

A GPSI can be either an MSISDN or an External Identifier. The GPSI in either form is used for the same purposes in the 5G System. SA2 would like to understand whether there would be different privacy considerations on sending external identifier to an AF possibly depending on if the GPSI takes the form of an MSISDN or an External Identifier.

SA2 would also like to understand the following:

1. Are there privacy concerns (and do you see any difference) with exposing to an AF that may be external the GPSI in the form of MSISDN or the GPSI in the form of External Identifier?

If the GPSI in either form does not meet the privacy requirements:

2. Should a new exposed subscription identifier be permanent or temporary? If such new exposed subscription identifier is temporary, what is its temporal validity? SA2 assumes that it is then up to the 5GC operator (e.g. NEF) to define this validity.

3. Should such new exposed subscription identifier be “global” or per AF?

2. Actions:

To SA3 and SA6 groups.

ACTION: SA2 kindly ask SA3 and SA6 to take the information above into account and SA3 to provide feedback on the above-mentioned issues.

**Discussion:**

Qualcomm presented the LS available as S6-210941.

**Decision:** The document was **replied to in S6-210946**.

**S6-210741 Reply LS on application layer impact of FS\_enh\_EC solution #16**

 *Type: LS in For: Action
 Original outgoing LS: S2-2101093, to SA6, cc -
 Source: SA2*

**Abstract:**

1. Overall Description:

SA2 thank SA6 for their reply LS on application layer impact of FS\_enh\_EC solution #16 and would like to inform them that the attached documents have been agreed.

2. Actions:

To SA6 group.

ACTION: SA2 ask SA6 to take the above information into account.

**Discussion:**

Qualcomm presented the LS available as S6-210741.

**Decision:** The document was **noted**.

**S6-210740 Reply LS on Service Layer aspects for 5G MBS**

 *Type: LS in For: Information
 Original outgoing LS: S2-2101407, to SA4, cc SA6, CT4
 Source: SA2*

**Abstract:**

1. Overall description

SA2 thanks SA4 for the LS and Reply LS on Service Layer aspects for 5G MBS”. SA2 would like to inform SA4 that SA2 has discussed and agreed to replace “MBSF-C” with “MBSF” and replace “MBSF-U” with “MBSTF”.

SA2 would like to provide answers to the questions raised by SA4 in S2-2100263(S4-210345):

SA4 kindly asks SA2 to confirm the work split for MB2, in case the GCS AS desires to use FEC encoding.

[SA2 answer]: SA2 does not foresee any changes to the functionalities currently supported in MB2 (including the use of FEC encoding requested by GCS AS). This is because the 5G MBS architecture is expected to support interworking with EPS eMBMS.

SA4 kindly asks SA2 to confirm that the SA2 architecture allows the Nmbsu API to be used by functions other than the MBSF-C.

[SA2 answer]: SA2 could not reach consensus on Nmbsu interface being SBA-based or not. However, irrespective of that it should be possible to implement the API/protocol for the related interface also in other functions than MBSF, provided that the function is in the same trust domain as the MBSTF.

SA2 would like to provide answers to the questions raised by SA4 in S2-2100026 (S4-201586):

Inform SA4 once the 5G MBS reference architecture is stable

[SA2 answer]: Currently the content of the architecture is stable, and TR 23.757. Version 1.3.0 of the TR containing the agreed updates of SA2#143e will be available shortly after the end of the meeting at https://www.3gpp.org/ftp/Specs/latest-drafts.

Add a Note to your 5MBS Technical Specification that the AF can also support the separation of control plane and user plane”

[SA2 answer]: SA2 has added a NOTE referring to SA4 specification in the Annex A.3 of TR 23.757.

Confirm that SA4 will define the detailed MBSF functions (MBSF-C and MBSF-U entities) as well as the Nmbsu Interface”

[SA2 answer]: SA2 expects SA4 will define the detailed MBSF and MBSTF functions and Nmbsu interface together with SA6 and CT4.

Provide information on the N6 transport options

[SA2 answer]: SA2 would like to confirm that N6 offer two transport options, either direct IP Multicast or a unicast tunnel (MB2-U). When IP multicast is used for N6 transport, the UP function (e.g., MB-UPF or UPF) of the 5GC should be the recipient of the IP multicast data; when the point-to-point transport is used, the content provider (e.g., Application server) should know the entry point beforehand.

Provide information on whether an IP Multicast stream can be sourced from an external AF

[SA2 answer]: Yes. IP multicast data can be sourced from an external AF, and Configuration 1 in TR 23.757 Annex A.3 is not expected to be limited to MCS/GCS only.

Provide information on SYNC and / or RoHC in the MBSF”

[SA2 answer]: Please refer to RAN2 response in S2-2100142,./R2-2102480 and RAN3 response in S2-2100110/R3-211296.

Provide feedback on the SBA-based design assumption for Nmbsu

[SA2 answer]: SA2 could not reach consensus on Nmbsu interface being SBA-based or not. As such, SA2 encourages SA4, SA6 and CT4 to investigate the issue further and provide their decision.

2. Actions

To SA4

ACTION: SA2 asks SA4 to take the above information into account.

**Discussion:**

Qualcomm presented the LS available as S6-210740.

Motorola Solutions suggested to note the LS.

Huawei was of the opinion that the LS contained information that SA6 could make use of in its work.

Motorola Solutions made a remark that the LS simply seemed to present a work split.

Ericsson agreed with Motorola Solutions that one should not read too much into the LS e.g. with regard to architecture requirements.

Qualcomm noted that one should be extreme caution reading too much into the sentence stating that the architecture is stable, while SA6 were only in CC of the LS.

**Decision:** The document was **noted**.

**S6-210739 Reply to LS on New Whitepaper: "Operator Platform Telco Edge proposal"**

 *Type: LS in For: Information
 Original outgoing LS: S2-2101060, to GSMA Operator Platform Group (OPG), cc SA6, SA
 Source: SA2*

**Abstract:**

1. Overall Description:

SA2 would like to thank GSMA OPG for their LS on the new whitepaper on the "Operator Platform Telco Edge proposal".

SA2 would like to inform GSMA OPG that the FS\_enh\_EC study item concluded in December 2020 and the related conclusions are captured in TR 23.748. The Rel-17 eEDGE\_5G normative work will be primarily captured in TS 23.548, and additional changes will be captured in TS 23.501, TS 23.502, and TS 23.503.

2. Actions:

To GSMA OPG group.

ACTION: SA2 kindly ask GSMA OPG to take the above information into account.

**Discussion:**

Qualcomm presented the LS available as S6-210739.

**Decision:** The document was **noted**.

**S6-210742 LS reply from 3GPP SA5 to GSMA on 5G Operator Platform Telco Edge proposal**

 *Type: LS in For: Information
 Original outgoing LS: S5-212319, to GSMA, cc SA2, SA6
 Source: SA5*

**Abstract:**

1. Overall Description:

3GPP SA5 would like to thank GSMA for the LS “New Whitepaper: “Operator Platform Telco Edge proposal"”.

SA5 is working on the edge computing management and orchestration to support relevant edge computing works in 3GPP SA2 and SA6 WGs. Rel. 17 TR 28.814 “Management and orchestration; Study on enhancements of edge computing management” at https://www.3gpp.org/DynaReport/28814.htm, defines the management solutions to enable ASP (Application Service Provider) to deploy the EAS (Edge Application Server) that implements the server function of an edge application in the edge data networks. TR 28.814 also defines performance assurance solutions to allow ASP to monitor the EAS performance.

The requirements, as described in GSMA’s white paper, may be considered in the study. SA5 would keep GSMA updated about the progress of the study.

3GPP SA5 likes to collaborate with GSMA to address the requirements related to the deployment and management of edge computing.

2. Actions:

3GPP SA5 would like to ask GSMA to take the above information into consideration.

**Discussion:**

The chairman presented the LS available as S6-210742.

**Decision:** The document was **noted**.

**S6-210744 LS from GSMA Operator Platform Group on edge computing definition and integration**

 *Type: LS in For: Action
 Original outgoing LS: OPG\_52\_Doc\_03, to ETSI ISG MEC, 3GPP SA, SA2, SA5, SA6, cc ETSI ISG NFV
 Source: GSMA Operator Platform Group*

**Abstract:**

1. Introduction

The GSMA, one of the Market Representation Partners of 3GPP and participant of ETSI ISG MEC, has launched a project, Operator Platform, to define a platform to expose and monetize network and services capabilities such as edge computing, network slicing or IP COMs. The first focus set for this activity is to define architectural requirements and concept for Telco Edge Cloud. After having issued a white paper to outline a common concept agreed among operators, Operator Platform Group has been created to define architectural capabilities required to achieve the agreed objective and identify the actions to be taken by the industry to ensure a full standardisation and development of the operator platform.

2. Discussion

The whitepaper's [3] intention is aiming all the Industry, including operators, vendors, OEMs and service providers, to define a common solution for network and services capability exposure. As a first phase, GSMA is drafting a PRD (Permanent Reference Document) that will provide an end-to-end (E2E) definition of the Operator Platform for edge computing support allowing the GSMA to ensure delivery of this E2E vision across the Industry and the different SDOs.

The main objective of the GSMA is to ensure a full detailed definition of these interfaces within the industry in order to meet the operator platform expectation.

As part of the current PRD work GSMA came to an agreement on the interface mapping as described below

 • UNI: Device communication interface needs to be part of the 3GPP architecture, and related to how devices connect to the network.

 • SBI-NR: Relationship from the edge platform to the core network, as defined by 3GPP.

 • SBI-CHF: Currently only standardized for charging engine/function/system on 3GPP, and related interfaces to connect to other elements.

 • SBI-CR: Although it shall remain open to multiple architectures (as indicated in section 3.5.2.1.2 of [3]) and considering the current industry solutions, the ETSI ISG NFV architecture is used as a reference for cloudlet functionality, because of its current alignment with 3GPP, but also because of its similarity of Edge Computing and Network Function Virtualisation.

 • EWBI: Already in scope of ETSI ISG MEC with a close relationship with applications deployment and developers. 3GPP SA6 provides some details on this aspect but will need to provide the network related detailed use cases, such as roaming.

 • NBI: No single SDO covers a complete interface NBI as required by OPG to handle the application provider relationship. Since this is an area in which application developers and OSCs are very active, we propose a parallel task to align them with the selected SDOs and provide convergence. ETSI ISG MEC and 3GPP both handle the application side interactions required to host NBI and shall align the capabilities exposure. OPG proposes ETSI ISG MEC to host the NBI standard.

3 . Actions

Based on the above mapping the GSMA wishes to start a multi-party discussion with ETSI ISG and 3GPP in order to:

 • 3GPP and ETSI ISG to confirm which specific working group will interface with GSMA OPG.

 • Ensure standard development of the defined interfaces and avoid duplication of works or divergences between SDOs.

 • Ensure that there is only one reference definition per interfaces in the industry.

 • Build the governance and collaboration model between GSMA, 3GPP, ETSI ISG to guarantee E2E delivery of the Operator Platform standardisation.

The 3GPP/ETSI groups are then invited to confirm their interest in ensuring their alignment in developing the Operator Platform concept in their respective SDOs.

In case of positive answer, GSMA is willing to organise a workshop in order to close the collaboration model and define next steps.

**Discussion:**

Samsung presented the LS available as S6-210744.

Samsung pointed out they had prepared a draft reply LS as S6-210871.

Huawei suggested a potential reply should be submitted through SA.

Qualcomm agreed with the view of Huawei that SA should be co-ordinating a reply.

Motorola Solutions agreed with the view of Huawei and Qualcomm.

Samsung raised some concern over the fact that the next SA meeting was two months away.

Qualcomm noted that SA6 could send an initial reactions as a response, and in parallel sending an LS to SA (CC SAWGs) asking for guidance on how to co-ordinate an overall SA reply.

The was further discussion on the actual urgency, as the questions in the LS were on a rather high level.

**Decision:** The document was **replied to in S6-210871**.

**S6-210943 Reply LS on initiation of new work item Q.Sig\_Req\_ETS\_IMS\_roaming “Signalling requirements for emergency telecommunication service in IMS roaming environment”**

 *Type: LS in For: Information
 Original outgoing LS: S2-2101310, to ITU-T SG11, cc ITU-T SG2, 3GPP SA, CT, SA6
 Source: SA2*

**Abstract:**

1. Overall description

3GPP TSG SA WG2 would like to thank ITU-T Study Group 11 for the aforementioned liaison statement.

SA2 would like to point out that Emergency services, including in roaming cases, are specified in 3GPP TS 23.167, which is managed by SA2. 3GPP TS 24.229 and TS 29.228 cover the stage 3 aspects.

Therefore, in order to avoid duplication of the work or diverging standards, we respectfully recommend ITU-T Study Group 11 to consider these specifications.

2 . Actions

To ITU-T Study Group 11.

ACTION: SA2 kindly requests ITU-T Study Group 11 to take the above into consideration.

**Decision:** The document was **noted**.

**S6-210940 LS/r on draft Recommendation ITU-T Q.Sig\_Req\_ETS\_IMS\_roaming “Signalling requirements for emergency telecommunication service in IMS roaming environment” (3GPP TSG SA2-S2-210310)**

 *Type: LS in For: Information
 Original outgoing LS: SG11-LS178, to 3GPP SA2, ITU-T SG2, cc SA, SA6 and CT
 Source: ITU-T SG11*

**Decision:** The document was **noted**.

**S6-210833 LS/r on draft Recommendation ITU-T Q.Sig\_Req\_ETS\_IMS\_roaming “Signalling requirements for emergency telecommunication service in IMS roaming environment” (3GPP TSG SA2-S2-210310)**

 *Type: LS in For: Information
 Original outgoing LS: SG11-LS178, to 3GPP SA2, ITU-T SG2, cc 3GPP SA, SA6, CT
 Source: ITU-T SG11*

**Decision:** The document was **withdrawn**.

### 4.2 Outgoing LSs

**S6-210871 Reply LS on Edge computing definition and integration**

 *Type: LS out For: Approval
 to GSMA OPG, cc SA, SA2, SA5, ETSI ISG MEC, ETSI NFV ISG
 Source: Samsung*

**Discussion:**

Samsung presented the draft LS available as S6-210871.

It was noted that any response should be strictly limited to SA6 specific information i.e. including no SA5 specific information.

A draft version rev 2 was discussed during the ICC#8.

**Decision:** The document was **revised to S6-210976**.

**S6-210976 Reply LS on Edge computing definition and integration**

 *Type: LS out For: Approval
 to GSMA OPG, cc SA, SA2, SA5, ETSI ISG MEC, ETSI NFV ISG
 Source: SA6*

(Replaces S6-210871)

**Decision:** The document was **Approved**.

**S6-210906 LS on Security solution for preconfigured regroup and regroup call**

 *Type: LS out For: Approval
 to SA3
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for LS on Security solution for preconfigured regroup and regroup call

**Discussion:**

Huawei presented the draft LS available as S6-210906.

Motorola Solutions reaction to the proposed LS was that there was no need to send an LS to SA3, but suggested discussing over email. They also were of the view that there were misconception in the proposed draft.

**Decision:** The document was **postponed**.

**S6-210946 Reply LS on IP address to GPSI translation**

 *Type: LS out For: approval
 to SA2, cc SA3
 Source: Samsung*

**Discussion:**

Samsung presented the draft LS available as S6-210946 rev1 during the ICC#8.

**Decision:** The document was **revised to S6-210977**.

**S6-210977 Reply LS on IP address to GPSI translation**

 *Type: LS out For: approval
 to SA2, cc SA3
 Source: SA6*

(Replaces S6-210946)

**Discussion:**

Samsung presented the contribution during the closing call.

Huawei suggested removing the last sentence before the actions clause.

The only change is removing the last sentence in response to Q2 and Q3.

With this only change the revised contribution is considered pre-approved.

**Decision:** The document was **revised to S6-211082**.

**S6-211082 Reply LS on IP address to GPSI translation**

 *Type: LS out For: approval
 to SA2, cc SA3
 Source: SA6*

(Replaces S6-210977)

**Decision:** The document was **approved**.

**S6-210947 LS on 3GPP Edge Computing coordination**

 *Type: LS out For: approval
 to SA, SA2, SA5, cc SA3
 Source: Samsung*

**Decision:** The document was **revised to S6-210978**.

**S6-210978 3GPP Edge Computing coordination**

 *Type: LS out For: approval
 to SA, SA2, SA5, cc SA3
 Source: SA6*

(Replaces S6-210947)

**Decision:** The document was **Approved**.

## 5 Items for early consideration

### 5.1 Working Agreements

A technical vote by electronic means had been scheduled to take place during the SA6#32-bis-e in order to either confirm or overturn the working agreement (i.e. the approval of pCR [S6-210730](https://www.3gpp.org/ftp/tsg_sa/WG6_MissionCritical/TSGS6_042-e/docs/S6-210730.zip)) that had been challenged by Huawei. The registration deadline to take part in the technical vote had been set for 18:00 UTC, Thu, April 8th 2021.

The initial start and end time for the vote had been set Thursday April 15th 17:00 UTC and Friday April 16th 16:59 UTC respectively. However due to unanticipated procedural concerns and after discussions with SA Chair and MCC, it was decided to abort the technical vote (that had been in progress for about two hours) following the initial schedule. The reason being that the wording of the working procedure Annex I, which does not permit the voting period to continue into the weekend i.e. “12:00 UTC Friday to 11:59 UTC Monday which excludes Saturday and Sunday in every time zone”, something that had been overlooked this being a recent addition in the procedures. The technical vote was hence re-scheduled with the same question starting Monday April 19th 2021, 12:00 UTC and running until Tuesday April 20th 2021 11:59 UTC. Before the start of the rescheduled technical vote Huawei however informed that they withdraw their challenge against WA#39, as a result the Working Agreement #39 was implicitly confirmed.

**S6-210949 Architecture updates to EDGEAPP SBA – Compromise OPTION 1**

 *Type: other For: discussion
 Source: SA6 chair*

**Abstract:**

Architecture updates to EDGEAPP SBA – Compromise OPTION 1

**Discussion:**

During the CC#7 the SA6 Chair proposed the following options for a possible compromise to avoid technical vote on working agreement (i.e. WA#39):

 - **OPTION 1** draft v3 (based on offline discussions) + 2 green ENs minus NOTE2

 - **OPTION 2** draft v5 (based on offline discussions) + 2 green ENs

(<https://www.3gpp.org/ftp/tsg_sa/WG6_MissionCritical/TSGS6_042-bis-e/inbox/drafts/CC07_Apr15_EDGEAPP_WA> )

Huawei suggested also taking a decision on documents S6-210834 and S6-210878 during the present conference call.

Qualcomm was of the view that the meeting should solely concentrate on trying to find a compromise to avoid the technical (i.e. on the working agreement#39 taken during SA6#42).

Motorola Solutions agreed with the view of Qualcomm and noted that trying to take a position also on S6-210834 and S6-210878 would just make things too complicated to handle.

L3Harris agreed with the view of Motorola Solutions and noted that it was important to solve the matter on the working agreement as that would set the new direction.

Nokia made a remark w.r.t. to the proposed NOTE 2 and suggested a further rewording.

Huawei stated that from their point of view the two proposed editor's notes beneath figure 6.2-1 and the EEC relation with SBA should be further clarified. They also proposed a modification to NOTE 2.

Motorola Solutions did not support the two proposed editor's notes as these questioned the diagram. They further thought there was no need for NOTE 2 as the proposal currently stands.

InterDigital supported the view of Motorola Solutions and did not support the two editor's notes (which seemed to suggest a security issue) and would not agree to the NOTE 2.

Vodafone suggested agreeing on an editor's note clarifying the role of the Edge configuration server.

Samsung did not agree to the first part of the Editor's note nor to the NOTE 2.

Huawei made a remark that there seemed to be very differing views on the role of SBA and related terminology.

Qualcomm noted the choice to use the control plane to support EDGE-4 interactions (via EDGE-8) is an architectural decision and not a protocol choice. The architectural decisions for the interactions between Edge Enabling Layer entities is within the scope of SA6. They further noted they would be prepared to agree to an editor's note stating the specification of SBA is FFS e.g. along the lines of "Whether the definition of the term SBA in SA6 needs to be modified based upon the above representation is FFS.".

The chairman made a proposal and asked whether the was consensus on the version edited online.

Huawei did not agree to the proposed version and wanted to maintain the two editor's notes together with the NOTE 2.

After much discussion, the group was unable to reach consensus on either of the presented options with the following objections.

**Option 1** received the following objections:

- Huawei, China Telecommunications, HiSilicon, ZTE, CATT

**Option 2** received the following objections:

- Qualcomm, Intel, Samsung, Interdigital, Convida, Softil, L3Harris, AT&T, Motorola Solutions, Ericsson, ETRI, Bull SAS, Deutsche Telekom AG, Nokia, FirstNet, Airbus, One2Many, Apple, China Mobile Com. Corporation.

As a result, the SA6 Chair confirmed that the technical vote will take place as announced in order to resolve the challenge to WA#39.

Later during the course (i.e. after the formal CC Working agreement session) of the meeting Huawei however informed that they withdraw their challenge against WA#39.

**Decision:** The document was **noted**.

**S6-210950 Architecture updates to EDGEAPP SBA – Compromise OPTION 2**

 *Type: other For: discussion
 Source: SA6 chair*

**Abstract:**

Architecture updates to EDGEAPP SBA – Compromise OPTION 2

**Discussion:**

See discussion on S6-210949.

**Decision:** The document was **noted**.

### 5.2 SA6 Vice-Chairman Elections

Elections were due to be held during SA6#42-bis-e for two vice chair positions:

- 1st Vice-Chairman

- 2nd Vice-Chairman

The following candidatures for the two positions were received from:

* Mr. Alan SOLOWAY Qualcomm Incorporated (ATIS)
* Mr. Jukka VIALEN Airbus (ETSI)

**RESULT:**

* Mr. Alan SOLOWAY, Qualcomm (ATIS) was re-elected as 1st Vice-Chair by acclamation
* Mr. Jukka VIALEN, Airbus (ETSI) was re-elected as 2nd Vice-Chair by acclamation

### 5.3 Others

None

## 6 Rel-16 Work Items

**S6-210852 V2X UE identity**

 *Type: CR For: Agreement
 23.286 v16.5.0 CR-0050 Cat: F (Rel-16)

 Source: CATT*

**Abstract:**

When the V2X applications use capabilities from 3GPP system with respect to V2X UEs, the VAE layer needs to support service invocation towards the 3GPP network by UE identities that can address the 3GPP subscriptions. In this case MSISDN can be used to identify a V2X UE which can be used in 3GPP system as well as V2X application layer.

The present contribution proposes adding MSISDN as one of the forms of V2X UE ID.

**Decision:** The document was **Agreed**.

**S6-210854 V2X UE identity**

 *Type: CR For: Agreement
 23.286 v17.1.0 CR-0051 Cat: A (Rel-17)

 Source: CATT*

**Abstract:**

When the V2X applications use capabilities from 3GPP system with respect to V2X UEs, the VAE layer needs to support service invocation towards the 3GPP network by UE identities that can address the 3GPP subscriptions. In this case MSISDN can be used to identify a V2X UE which can be used in 3GPP system as well as V2X application layer.

The present contribution proposes adding MSISDN as one of the forms of V2X UE ID.

**Discussion:**

Ericsson did not see the need to include both MSISDN and GPSI.

Huawei suggested to replace MSISDN with external Identifier.

**Decision:** The document was **postponed**.

## 7 Rel-17 Work Items

### 7.1 eMONASTERY2 - Enhancements to Application Architecture for the Mobile Communication System for Railways Phase 2

None

### 7.2 MCIOPS - MC services support on IOPS mode of operation

None

### 7.3 enh3MCPTT - Enhanced Mission Critical Push-to-talk architecture phase 3

**S6-210796 Clarification to location information cancel subscription**

 *Type: CR For: Agreement
 23.280 v17.6.0 CR-0262 rev 2 Cat: C (Rel-17)

 Source: BDBOS*

(Replaces S6-201539)

**Abstract:**

The contribution proposes clarification to the authorisation in case of a Location information cancel subscription request as well as more details.

**Decision:** The document was **revised to S6-210973**.

**S6-210973 Clarification to location information cancel subscription**

 *Type: CR For: Agreement
 23.280 v17.6.0 CR-0262 rev 3 Cat: C (Rel-17)

 Source: BDBOS*

(Replaces S6-210796)

**Decision:** The document was **Agreed**.

**S6-210803 Configuration of MC service UE label**

 *Type: CR For: Agreement
 23.280 v17.6.0 CR-0287 Cat: B (Rel-17)

 Source: BDBOS*

**Abstract:**

A temporary MC service UE label can be configured in the Location Management Server to replace the initial MC service UE label. The temporary MC service UE label is transmitted instead of the initial MC service UE label with location information reports.

**Decision:** The document was **revised to S6-211048**.

**S6-211048 Configuration of MC service UE label**

 *Type: CR For: Agreement
 23.280 v17.6.0 CR-0287 rev 1 Cat: B (Rel-17)

 Source: BDBOS*

(Replaces S6-210803)

**Decision:** The document was **postponed**.

**S6-210901 Clarification on security for preconfigured regroup**

 *Type: CR For: Agreement
 23.280 v17.6.0 CR-0288 Cat: C (Rel-17)

 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Clarification on security for preconfigured regroup

**Decision:** The document was **postponed**.

**S6-210902 Clarification on security for preconfigured regroup**

 *Type: CR For: Agreement
 23.379 v17.6.0 CR-0292 Cat: C (Rel-17)

 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Clarification on security for preconfigured regroup

**Decision:** The document was **postponed**.

**S6-210903 Correction to MCData-5 reference point description**

 *Type: CR For: Agreement
 23.282 v17.6.0 CR-0274 Cat: F (Rel-17)

 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Correction to MCData-5 reference point description

**Decision:** The document was **revised to S6-211024**.

**S6-211024 Correction to MCData-5 reference point description**

 *Type: CR For: Agreement
 23.282 v17.6.0 CR-0274 rev 1 Cat: F (Rel-17)

 Source: Huawei, Hisilicon*

(Replaces S6-210903)

**Decision:** The document was **Agreed**.

**S6-210904 Correction to MCPTT-5 reference point description**

 *Type: CR For: Agreement
 23.379 v17.6.0 CR-0293 Cat: F (Rel-17)

 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Correction to MCPTT-5 reference point description

**Decision:** The document was **Agreed**.

**S6-210905 Correction to MCVideo-5 reference point description**

 *Type: CR For: Agreement
 23.281 v17.5.0 CR-0158 Cat: F (Rel-17)

 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Correction to MCVideo-5 reference point description

**Decision:** The document was **Agreed**.

### 7.4 eMCData3 - Enhancements for functional architecture and information flows for Mission Critical Data

**S6-210754 Aggregated notifications and reports**

 *Type: CR For: Agreement
 23.282 v17.6.0 CR-0269 Cat: F (Rel-17)

 Source: AT&T*

**Abstract:**

The contribution proposes adding missing information flows for SDS aggregated data disposition notification and FD aggregated download completed report.

The added information flows enable maximum reporting flexibility by allowing selective inclusion/non-inclusion of various counters and lists.

The MCData group, the SDS message and the file sent for delivery can be identified by the MCData user that initiated the transfer via the original transaction identifier.

**Decision:** The document was **revised to S6-210965**.

**S6-210965 Aggregated notifications and reports**

 *Type: CR For: Agreement
 23.282 v17.6.0 CR-0269 rev 1 Cat: F (Rel-17)

 Source: AT&T*

(Replaces S6-210754)

**Decision:** The document was **revised to S6-211083**.

**S6-211083 Aggregated notifications and reports**

 *Type: CR For: Agreement
 23.282 v17.6.0 CR-0269 rev 2 Cat: F (Rel-17)

 Source: AT&T*

(Replaces S6-210965)

**Decision:** The document was **agreed**.

**S6-210757 Correct misuse of the term "transmission control"**

 *Type: CR For: Agreement
 23.282 v17.6.0 CR-0270 Cat: D (Rel-17)

 Source: AT&T*

**Abstract:**

The contribution proposes replacing the term “transmission control messages” with the term “application level control signalling” (used in 23.280) in sections 7.3.2 and 7.3.3 of 23.282.

**Discussion:**

The contribution S6-210757 was discussed during the ICC#9.

**Decision:** The document was **revised to S6-210966**.

**S6-210966 Correct misuse of the term "transmission control"**

 *Type: CR For: Agreement
 23.282 v17.6.0 CR-0270 rev 1 Cat: D (Rel-17)

 Source: AT&T*

(Replaces S6-210757)

**Decision:** The document was **Agreed**.

**S6-210781 Corrections and enhancements to the Notification procedures**

 *Type: CR For: Agreement
 23.282 v17.6.0 CR-0262 rev 2 Cat: B (Rel-17)

 Source: AT&T GNS Belgium SPRL*

(Replaces S6-210601)

**Abstract:**

Corrections and enhancements to the Notification procedures

**Decision:** The document was **revised to S6-210959**.

**S6-210959 Corrections and enhancements to the Notification procedures**

 *Type: CR For: Agreement
 23.282 v17.6.0 CR-0262 rev 3 Cat: B (Rel-17)

 Source: AT&T GNS Belgium SPRL*

(Replaces S6-210781)

**Decision:** The document was **Agreed**.

**S6-210824 MCData file download including request of network resources with required QoS**

 *Type: CR For: Agreement
 23.282 v17.6.0 CR-0271 Cat: B (Rel-17)

 Source: Ericsson*

**Abstract:**

The contribution proposes introducing a procedure for MCData file upload in clause 7.5.2.2.4, to enable the request of network resources with required QoS to the 3GPP system for MCData file downloads based on HTTP. MCData file download can be provided with required QoS after a notification to the MCData users from the MCData server.

**Decision:** The document was **revised to S6-210961**.

**S6-210961 MCData file download including request of network resources with required QoS**

 *Type: CR For: Agreement
 23.282 v17.6.0 CR-0271 rev 1 Cat: B (Rel-17)

 Source: Ericsson*

(Replaces S6-210824)

**Decision:** The document was **Agreed**.

**S6-210825 Enhancement and corrections to Group FD using HTTP**

 *Type: CR For: Agreement
 23.282 v17.6.0 CR-0272 Cat: C (Rel-17)

 Source: Ericsson*

**Abstract:**

Th e contribution proposes corrections to information flows and the procedure for the group standalone file distribution using HTTP are modified to address some clarifications and to enhance the procedure by enabling that the MCData server may first verify the availability of the file in the MCData content server.

**Decision:** The document was **revised to S6-210962**.

**S6-210962 Enhancement and corrections to Group FD using HTTP**

 *Type: CR For: Agreement
 23.282 v17.6.0 CR-0272 rev 1 Cat: C (Rel-17)

 Source: Ericsson*

(Replaces S6-210825)

**Decision:** The document was **Agreed**.

**S6-210828 Enhancement and corrections to one-to-one FD using HTTP**

 *Type: CR For: Agreement
 23.282 v17.6.0 CR-0273 Cat: C (Rel-17)

 Source: Ericsson*

**Abstract:**

Information flows and the procedures for the one-to-one file distribution using HTTP are modified to address some clarifications and to enhance the procedures by enabling that the MCData server may first verify the availability of the file in the MCData content server.

**Decision:** The document was **revised to S6-210963**.

**S6-210963 Enhancement and corrections to one-to-one FD using HTTP**

 *Type: CR For: Agreement
 23.282 v17.6.0 CR-0273 rev 1 Cat: C (Rel-17)

 Source: Ericsson*

(Replaces S6-210828)

**Decision:** The document was **Agreed**.

### 7.5 MCOver5GS - Mission Critical Services over 5GS

**S6-210771 Pseudo-CR on migration using public 5GS networks and/or non-public 5GS networks**

 *Type: pCR For: Approval
 23.289 v1.0.0
 Source: Union Inter. Chemins de Fer, Nokia, Nokia Shanghai Bell*

(Replaces S6-210390)

**Abstract:**

The use of the MC system utilising different 5GS operators by a MC service users is a general requirement. Accordingly, the necessary means need to be specified so that MC system can be used when a MC service user migrates using public 5GS networks and/or

**Decision:** The document was **revised to S6-210953**.

**S6-210953 Pseudo-CR on migration using public 5GS networks and/or non-public 5GS networks**

 *Type: pCR For: Approval
 23.289 v1.0.0
 Source: Union Inter. Chemins de Fer, Nokia, Nokia Shanghai Bell*

(Replaces S6-210771)

**Decision:** The document was **Approved**.

**S6-210774 Pseudo-CR on Business relationship for public and non-public networks**

 *Type: pCR For: Approval
 23.289 v0.3.0
 Source: Union Inter. Chemins de Fer, Nokia, Nokia Shanghai Bell*

(Replaces S6-210391)

**Abstract:**

5GS is applicable in public networks and non-public networks. Thus MC services can be operated using public 5GS networks and 5GS non-public networks. Accordingly the business relationships need to be expanded to allow roaming between non-public networks.

**Decision:** The document was **revised to S6-210954**.

**S6-210954 Pseudo-CR on Business relationship for public and non-public networks**

 *Type: pCR For: Approval
 23.289 v0.3.0
 Source: Union Inter. Chemins de Fer, Nokia, Nokia Shanghai Bell*

(Replaces S6-210774)

**Decision:** The document was **Approved**.

**S6-210848 Pseudo-CR on support of AF session with required QoS**

 *Type: pCR For: Approval
 23.289 v1.0.0
 Source: CATT*

**Abstract:**

This contribution address the solution for support of AF session with required QoS.

**Discussion:**

The document S6-210848 was discussed during the ICC#1.

The discussion was mainly about whether to reproduce a procedure or concentrate on differences.

**Decision:** The document was **postponed**.

### 7.6 EDGEAPP - Architecture for enabling Edge Applications

**S6-210799 Description of service areas**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: NTT DOCOMO INC.*

**Abstract:**

This contribution proposes to modify the descriptions of EDN/EES/EAS service areas.

**Decision:** The document was **revised to S6-211079**.

**S6-211079 Description of service areas**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: NTT DOCOMO INC.*

(Replaces S6-210799)

**Decision:** The document was **Approved**.

**S6-210808 Editorial change for EES service area**

 *Type: pCR For: (not specified)
 23.558 v2.0.0
 Source: Ericsson*

**Abstract:**

This contribution proposes editorial corrections:

 - The EDN service should be the EDN service area in cl.7.3.3.5.

 - In addition, title in Table 8.6.2.3.9-1 should have “request”.

**Decision:** The document was **revised to S6-211056**.

**S6-211056 Editorial change for EES service area**

 *Type: pCR For: -
 23.558 v2.0.0
 Source: Ericsson*

(Replaces S6-210808)

**Decision:** The document was **Approved**.

**S6-210812 Solve DNAI EN**

 *Type: pCR For: (not specified)
 23.558 v2.0.0
 Source: Ericsson*

**Abstract:**

This contribution proposes to solve EN for EES/EAS DNAI.

**Decision:** The document was **revised to S6-211059**.

**S6-211059 Solve DNAI EN**

 *Type: pCR For: -
 23.558 v2.0.0
 Source: Ericsson*

(Replaces S6-210812)

**Decision:** The document was **postponed**.

**S6-210766 Delete the EN about ECS configuration information provisioning**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: China Mobile Com. Corporation*

**Abstract:**

This contribution propose to close the EN about ECS configuration information provisioning.

**Decision:** The document was **revised to S6-211052**.

**S6-211052 Delete the EN about ECS configuration information provisioning**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: China Mobile Com. Corporation*

(Replaces S6-210766)

**Decision:** The document was **Approved**.

**S6-210767 Update for ECS configuration information**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: China Mobile Com. Corporation*

**Abstract:**

This contribution propose to Update for ECS configuration information

**Decision:** The document was **revised to S6-211050**.

**S6-211050 Update for ECS configuration information**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: China Mobile Com. Corporation*

(Replaces S6-210767)

**Discussion:**

The meeting considered draft rev 1 and was considered ok.

**Decision:** The document was **revised to S6-211109**.

**S6-211109 Update for ECS configuration information**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: China Mobile Com. Corporation*

(Replaces S6-211050)

**Decision:** The document was **approved**.

**S6-210765 EES traffic influence at ECS**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: China Mobile Com. Corporation*

**Abstract:**

This contribution propose a solution about EES traffic influence at ECS.

**Decision:** The document was **revised to S6-211053**.

**S6-211053 EES traffic influence at ECS**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: China Mobile Com. Corporation*

(Replaces S6-210765)

**Decision:** The document was **revised to S6-211111**.

**S6-211111 EES traffic influence at ECS**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: China Mobile Com. Corporation*

(Replaces S6-211053)

**Decision:** The document was **approved**.

**S6-210809 Monitored EES in ECS**

 *Type: pCR For: (not specified)
 23.558 v2.0.0
 Source: Ericsson*

**Abstract:**

This contribution proposes provisioning of the EES to be monitored by the ECS.

**Decision:** The document was **revised to S6-211057**.

**S6-211057 Monitored EES in ECS**

 *Type: pCR For: -
 23.558 v2.0.0
 Source: Ericsson*

(Replaces S6-210809)

**Decision:** The document was **postponed**.

**S6-210806 EEC registration clarification**

 *Type: pCR For: (not specified)
 23.558 v2.0.0
 Source: Ericsson*

**Abstract:**

This contribution introduces some clarifications for the EEC registration.

**Decision:** The document was **revised to S6-211054**.

**S6-211054 EEC registration clarification**

 *Type: pCR For: -
 23.558 v2.0.0
 Source: Ericsson*

(Replaces S6-210806)

**Decision:** The document was **approved**.

**S6-210805 E3 exposure context transfer**

 *Type: pCR For: (not specified)
 23.558 v2.0.0
 Source: Ericsson*

**Abstract:**

This contribution adds a E3 exposure context transfer btw. the EESes (triggered by T-EAS).

**Decision:** The document was **revised to S6-211051**.

**S6-211051 E3 exposure context transfer**

 *Type: pCR For: -
 23.558 v2.0.0
 Source: Ericsson*

(Replaces S6-210805)

**Discussion:**

Concerns from Huawei.

**Decision:** The document was **postponed**.

**S6-210788 Update on ACR management events API**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Samsung*

**Abstract:**

This pCR proposes to finalize the building block procedure for ACR notification from EES to EAS

**Decision:** The document was **revised to S6-211003**.

**S6-211003 Update on ACR management events API**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Samsung*

(Replaces S6-210788)

**Decision:** The document was **postponed**.

**S6-210780 Pseudo-CR on Deletion of duplicate service continuity support parameter**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Apple*

**Abstract:**

During EAS discovery, the EEC can indicate in the EAS discovery filters IE for each AC whether service continuity support is required or not. Currently there are 2 different parameters that can be used for this. Only one of them is needed.

**Decision:** The document was **revised to S6-210956**.

**S6-210956 Deletion of duplicate service continuity support parameter**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Apple*

(Replaces S6-210780)

**Decision:** The document was **Approved**.

**S6-210793 Pseudo-CR on Signalling of supported ACR scenarios**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Apple GmbH*

**Abstract:**

The contribution proposes a more specific indication which of the scenarios are required (by the AC/EEC) or supported (by the EAS) needs to be added.

**Decision:** The document was **revised to S6-210951**.

**S6-210951 Pseudo-CR on Signalling of supported ACR scenarios**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Apple GmbH*

(Replaces S6-210793)

**Discussion:**

The draft rev1 was considered during the closing call.

Huawei had still concerns with the notes in the table.

The only change is removing all the proposed notes in all tables.("S-EES executed ACR (see clause 8.8.2.5) can be supported with automated ACR and without automated ACR. These are considered as 2 separate ACR scenarios.")

With this change the revised contribution is considered pre-approved.

**Decision:** The document was **revised to S6-211114**.

**S6-211114 Pseudo-CR on Signalling of supported ACR scenarios**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Apple*

(Replaces S6-210951)

**Decision:** The document was **approved**.

**S6-210789 Automated ACR information procedure**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Samsung*

**Decision:** The document was **revised to S6-211004**.

**S6-211004 Automated ACR information procedure**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Samsung*

(Replaces S6-210789)

**Decision:** The document was **postponed**.

**S6-210811 Selected T-EAS notification**

 *Type: pCR For: (not specified)
 23.558 v2.0.0
 Source: Ericsson*

**Abstract:**

This contribution proposes an EDGE-3 interaction for notifying selected T-EAS in the S-EAS decided ACR.

**Decision:** The document was **revised to S6-211058**.

**S6-211058 Selected T-EAS notification**

 *Type: pCR For: -
 23.558 v2.0.0
 Source: Ericsson*

(Replaces S6-210811)

**Decision:** The document was **postponed**.

**S6-210807 Complete EAS discovery description**

 *Type: pCR For: (not specified)
 23.558 v2.0.0
 Source: Ericsson*

**Abstract:**

This contribution proposes to complete the EAS discovery description.

**Decision:** The document was **revised to S6-211055**.

**S6-211055 Complete EAS discovery description**

 *Type: pCR For: -
 23.558 v2.0.0
 Source: Ericsson*

(Replaces S6-210807)

**Decision:** The document was **Approved**.

**S6-210790 Update on ACR initiation procedure**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Samsung*

**Abstract:**

This pCR provides updates on ACR initiation procedure and clarifies its use for each ACR scenarios in clause 8.8.2.

**Decision:** The document was **revised to S6-211005**.

**S6-211005 Update on ACR initiation procedure**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Samsung*

(Replaces S6-210790)

**Decision:** The document was **Approved**.

**S6-210778 Corrections related to ACR Information notification**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Apple*

**Abstract:**

The ACR Information notification procedure, defined in clause 8.8.3.6.3, can be considered as covering the following two scenarios:

1) the Target information notification, defined in clause 8.8.3.5, used in the S-EAS decided and S-EES executed ACR scenarios

2) the "Application Context Relocation Complete" shown at the end of EEC-executed ACR via S-EES / T-EES and S-EES executed ACR scenarios

Consequently, a number of alignments in the ACR procedures, as well as updates to Target information notification and ACR Information notification procedure are proposed.

**Decision:** The document was **revised to S6-210955**.

**S6-210955 Corrections related to ACR Information notification**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Apple*

(Replaces S6-210778)

**Decision:** The document was **Approved**.

**S6-210787 Update on Retrieve EES request and response messages**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Samsung*

**Abstract:**

This pCR is proposed to update description on Retrieve EES request and response messages.

**Decision:** The document was **revised to S6-211002**.

**S6-211002 Update on Retrieve EES request and response messages**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Samsung*

(Replaces S6-210787)

**Decision:** The document was **approved**.

**S6-210810 Optional T-EES in target info notification**

 *Type: pCR For: (not specified)
 23.558 v2.0.0
 Source: Ericsson*

**Decision:** The document was **merged**.

**S6-210802 Pseudo-CR on correction of references**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: InterDigital*

**Decision:** The document was **Approved**.

**S6-210834 Architecture - modification to SBA figure**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Intel Deutschland GmbH, Samsung, Convida Wireless, AT&T, Verizon, Qualcomm, InterDigital, Apple, Deutsche Telekom, Ericsson, Softil*

**Discussion:**

The document was presented and discussed in conjunction with the document S6-210878, during the ICC#2.

**Decision:** The document was **revised to S6-210964**.

**S6-210964 Architecture - modification to SBA figure**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Intel Deutschland GmbH, Samsung, Convida Wireless, AT&T, Verizon, Qualcomm, InterDigital, Apple, Deutsche Telekom, Ericsson, Softil*

(Replaces S6-210834)

**Decision:** The document was **revised to S6-210974**.

**S6-210974 Architecture - modification to SBA figure**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Intel Deutschland GmbH, Samsung, Convida Wireless, AT&T, Verizon, Qualcomm, InterDigital, Apple, Deutsche Telekom, Ericsson, Softil*

(Replaces S6-210964)

**Decision:** The document was **merged**.

**S6-210858 Pseudo-CR on removing duplicated tables on EAS Discovery Request**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: InterDigital*

**Decision:** The document was **revised to S6-211006**.

**S6-211006 Pseudo-CR on removing duplicated tables on EAS Discovery Request**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: InterDigital*

(Replaces S6-210858)

**Decision:** The document was **revised to S6-211113**.

**S6-211113 Pseudo-CR on removing duplicated tables on EAS Discovery Request**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: InterDigital*

(Replaces S6-211006)

**Decision:** The document was **approved**.

**S6-210859 Pseudo-CR on split of IE for “T-EAS profile and T-EES profile”**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: InterDigital*

**Decision:** The document was **merged**.

**S6-210872 Reference corrections**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Samsung*

**Decision:** The document was **Approved**.

**S6-210873 Topological Service Area**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Samsung*

**Decision:** The document was **revised to S6-210979**.

**S6-210979 Topological Service Area**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Samsung, Ericsson*

(Replaces S6-210873)

**Discussion:**

Huawei suggested adding a note.

The only change is adding a new sentence to the NOTE "Combinations should not have duplicate or overlapping information for the same Topological Service Area."

With this change the revised contribution is considered pre-approved.

**Decision:** The document was **revised to S6-211110**.

**S6-211110 Pseudo-CR on Topological Service Area**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Samsung, Ericsson*

(Replaces S6-210979)

**Abstract:**

This contribution clarifies composition of Topological Service Area IE.

**Decision:** The document was **approved**.

**S6-210874 Avoid repetition of EDN info**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Samsung*

**Decision:** The document was **revised to S6-210980**.

**S6-210980 Avoid repetition of EDN info**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Samsung*

(Replaces S6-210874)

**Decision:** The document was **Approved**.

**S6-210875 EEC context continuity feedback**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Samsung*

**Decision:** The document was **revised to S6-210981**.

**S6-210981 EEC context continuity feedback**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Samsung*

(Replaces S6-210875)

**Discussion:**

Concerns from Huawei.

**Decision:** The document was **postponed**.

**S6-210876 AC information API**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Samsung*

**Decision:** The document was **revised to S6-210982**.

**S6-210982 AC information API**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Samsung*

(Replaces S6-210876)

**Decision:** The document was **Approved**.

**S6-210877 Target information notification during ACR**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Samsung*

**Decision:** The document was **revised to S6-210983**.

**S6-210983 Target information notification during ACR**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Samsung, InterDigital, Ericsson, Convida*

(Replaces S6-210877)

**Decision:** The document was **Approved**.

**S6-210878 Corrections to the SBA representation of the architecture**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon, China Telecom*

**Abstract:**

Proposal for Corrections to the SBA representation of the architecture

**Discussion:**

Huawei presented the document S6-210878 during the ICC#2.

The session chairman asked for some guidance whether this document could be seen as going in the right direction avoiding a vote on the working agreement (WA#39).

Samsung made a remark that the contribution contained some improvements and seemed non-controversial, but on the other hand still included significant content subject to controversy.

One of the controversial points was the EDGE-4 reference point.

Intel indicated that members might already be to some extent tired discussing the matter, that has already been discussed in length previously.

InterDigital agreed with Intel and suggested discussing also other documents during the present session. They further noted they did not agree with the 3rd editor's note.

**Decision:** The document was **revised to S6-211009**.

**S6-211009 Corrections to the SBA representation of the architecture**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon, China Telecom*

(Replaces S6-210878)

**Discussion:**

The draft rev 1 was reviewed during the closing call.

Motorola Solutions suggested deleting the "may" beneath figure 6.2-3 in the sentence "The ECS, EES and EAS may act as authorised API invoker…"

InterDigital suggested deleting clause 2.

Vodafone suggested deleting "simultaneously" (two occurrences).

The only changes are:

 - Removing the text in the introduction except “This contribution provides corrections to the service based representation of the architecture.”,

 - Replacing the NOTE with a note beneath the Figure 6.2-1 reading “NOTE: The EEC function and EAS function in figure 6.2-1 do not expose any service to the other functions”,

 - removing “simultaneously” to 2 occurrences

 - in the first sentence below Figure 6.2-3 remove the “may”

 - replacing “may” with “can" in the paragraph beneath the figure 6.2-4 and

 - keeping all the companies in the source, and adding Motorola Solutions, L3Harris.

With these changes the revised contribution is considered pre-approved.

**Decision:** The document was **revised to S6-211108**.

**S6-211108 Corrections to the SBA representation of the architecture**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon, China Telecom, Intel, Samsung, Convida Wireless, AT&T, Verizon, Qualcomm, InterDigital, Apple, Deutsche Telekom, Ericsson, Softil, ETRI, Motorola Solutions, L3Harris*

(Replaces S6-211009)

**Decision:** The document was **approved**.

**S6-210879 Discussion paper on service continuity planning in ACR**

 *Type: discussion For: Discussion
 23.558 v..
 Source: Huawei, Hisilicon*

**Abstract:**

Discussion paper on service continuity planning in ACR

**Discussion:**

Huawei presented the document S6-210879 during the ICC#2.

**Decision:** The document was **noted**.

**S6-210880 Resolve the EN and add the definition of service continuity planning for ACR**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Resolve the EN and add the definition of service continuity planning for ACR

**Decision:** The document was **merged**.

**S6-210881 Update in ACR scenarios when used for service continuity planning**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Update in ACR scenarios when used for service continuity planning

**Decision:** The document was **revised to S6-211010**.

**S6-211010 Update in ACR scenarios when used for service continuity planning**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

(Replaces S6-210881)

**Discussion:**

Draft rev3 ok.

**Decision:** The document was **revised to S6-211115**.

**S6-211115 Update in ACR scenarios when used for service continuity planning**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, HiSilicon, Samsung*

(Replaces S6-211010)

**Decision:** The document was **approved**.

**S6-210882 Editorial cleanup and correction on ACR**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Editorial cleanup and correction on ACR

**Decision:** The document was **Approved**.

**S6-210883 Use of ACT completion time**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Use of ACT completion time

**Decision:** The document was **revised to S6-211011**.

**S6-211011 Use of ACT completion time**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

(Replaces S6-210883)

**Decision:** The document was **postponed**.

**S6-210884 Adding AC profile on EEC registration update**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Adding AC profile on EEC registration update

**Decision:** The document was **approved**.

**S6-210885 Adding the being selected as T-EAS to the ACR management procedure**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Adding the being selected as T-EAS to the ACR management procedure

**Decision:** The document was **revised to S6-211012**.

**S6-211012 Adding the being selected as T-EAS to the ACR management procedure**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

(Replaces S6-210885)

**Decision:** The document was **postponed**.

**S6-210886 Alignment on UE location for EAS discovery procedure**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Alignment on UE location for EAS discovery procedure

**Decision:** The document was **revised to S6-211013**.

**S6-211013 Alignment on UE location for EAS discovery procedure**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

(Replaces S6-210886)

**Decision:** The document was **Approved**.

**S6-210887 Clarification on dynamic EAS instantiation**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Clarification on dynamic EAS instantiation

**Decision:** The document was **revised to S6-211014**.

**S6-211014 Clarification on dynamic EAS instantiation**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

(Replaces S6-210887)

**Discussion:**

The only change is replacing the proposed editor's note in clause 8.11.1 with "Editor's note: Whether and how an EES can be aware of if an EAS can be instantiated in the EDN upon receiving the EAS discovery request is FFS."

With this change the revised contribution is considered pre-approved.

**Decision:** The document was **revised to S6-211117**.

**S6-211117 Clarification on dynamic EAS instantiation**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

(Replaces S6-211014)

**Decision:** The document was **approved**.

**S6-210888 Clarification on ECS subscribing the UPPM events using the DNN/Slice of the EES(s)**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Clarification on ECS subscribing the UPPM events using the DNN/Slice of the EES(s)

**Decision:** The document was **revised to S6-211015**.

**S6-211015 Clarification on ECS subscribing the UPPM events using the DNN/Slice of the EES(s)**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

(Replaces S6-210888)

**Decision:** The document was **postponed**.

**S6-210889 Clarification on EEC context**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Clarification on EEC context

**Decision:** The document was **merged**.

**S6-210890 Clarification on Retrieve EES response**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Clarification on Retrieve EES response

**Decision:** The document was **revised to S6-211016**.

**S6-211016 Clarification on Retrieve EES response**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

(Replaces S6-210890)

**Decision:** The document was **merged**.

**S6-210891 Clarification on the determined EES in service provisioning procedure**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Clarification on the determined EES in service provisioning procedure

**Decision:** The document was **revised to S6-211017**.

**S6-211017 Clarification on the determined EES in service provisioning procedure**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

(Replaces S6-210891)

**Decision:** The document was **noted**.

**S6-210892 Coordination the relocation of EEC context and application context via S-EES**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Coordination the relocation of EEC context and application context via S-EES

**Decision:** The document was **postponed**.

**S6-210893 Coordination the relocation of EEC context and application context via T-EES**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Coordination the relocation of EEC context and application context via T-EES

**Decision:** The document was **postponed**.

**S6-210894 Correction on S-EES executed ACR for automated ACR**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Correction on S-EES executed ACR for automated ACR

**Decision:** The document was **revised to S6-211018**.

**S6-211018 Correction on S-EES executed ACR for automated ACR**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

(Replaces S6-210894)

**Decision:** The document was **Approved**.

**S6-210895 Enhancement on re-selection of T-EES or T-EAS after ACR failure**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Enhancement on re-selection of T-EES or T-EAS after ACR failure

**Decision:** The document was **postponed**.

**S6-210896 Enhancement to the ACR management procedure**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Enhancement to the ACR management procedure

**Decision:** The document was **revised to S6-211019**.

**S6-211019 Enhancement to the ACR management procedure**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

(Replaces S6-210896)

**Decision:** The document was **postponed**.

**S6-210897 Improvement of service provisioning response for EEC selecting EES**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Improvement of service provisioning response for EEC selecting EES

**Decision:** The document was **revised to S6-211020**.

**S6-211020 Improvement of service provisioning response for EEC selecting EES**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

(Replaces S6-210897)

**Decision:** The document was **postponed**.

**S6-210898 Negotiation of notification mode between EEC and EES/ECS**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Negotiation of notification mode between EEC and EES/ECS

**Decision:** The document was **revised to S6-211021**.

**S6-211021 Negotiation of notification mode between EEC and EES/ECS**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

(Replaces S6-210898)

**Discussion:**

Concerns from Samsung and Ericsson.

**Decision:** The document was **postponed**.

**S6-210899 Restructuring the IE of EAS discovery subscription request with event ID**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Restructuring the IE of EAS discovery subscription request with event ID

**Decision:** The document was **revised to S6-211022**.

**S6-211022 Restructuring the IE of EAS discovery subscription request with event ID**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

(Replaces S6-210899)

**Decision:** The document was **Approved**.

**S6-210900 Solving EN on ACR failure**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Solving EN on ACR failure

**Decision:** The document was **revised to S6-211023**.

**S6-211023 Solving EN on ACR failure**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Huawei, Hisilicon*

(Replaces S6-210900)

**Decision:** The document was **postponed**.

**S6-210933 ACR information notification correction**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Convida Wireless LLC*

**Decision:** The document was **merged**.

**S6-210934 S-EAS decided ACR corrections and clarifications**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Convida Wireless LLC*

**Decision:** The document was **merged**.

**S6-210935 Service continuity planning clarifications**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Convida Wireless LLC*

**Decision:** The document was **revised to S6-211045**.

**S6-211045 Service continuity planning clarifications**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Convida Wireless LLC*

(Replaces S6-210935)

**Discussion:**

The only change is removing the NOTE and Editor's note from clause 8.8.1.2 (ref. draft Rev2).

With this change the revised contribution is considered pre-approved.

**Decision:** The document was **revised to S6-211116**.

**S6-211116 Service continuity planning clarifications**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Convida Wireless LLC*

(Replaces S6-211045)

**Decision:** The document was **approved**.

**S6-210936 Unified EEC context**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Convida Wireless LLC*

**Decision:** The document was **revised to S6-211046**.

**S6-211046 Unified EEC context**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Convida Wireless LLC*

(Replaces S6-210936)

**Discussion:**

The meeting discussed rev 1.

Convida suggested adding an EN "It is FFS whether the EEC Context information captured in table 8.2.A-2 requires further updates and alignment to include Edge-3 subscription information."

Ericsson suggested deleting two last IEs from table 8.2.A-2.

The only changes are:

 - adding beneath the table 8.2.A-1: EEC Context the following EN “Editor's Note: It is FFS whether the EEC Context ID can be optional.”,

 - deleting second editor's note beneath the table 8.2.A-2.

 - adding EN "It is FFS whether the EEC Context information captured in table 8.2.A-2 requires further updates and alignment to include Edge-3 subscription information." beneath table 8.2.A-2.

 - deleting two last IEs (i.e. “List of service session subscriptions” and “CN subscription resource URI”) from table 8.2.A-2 (and delete IEs related text).

**Decision:** The document was **revised to S6-211112**.

**S6-211112 Unified EEC context**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Convida Wireless LLC*

(Replaces S6-211046)

**Decision:** The document was **revised to S6-211118**.

**S6-211118 Unified EEC context**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Convida Wireless LLC*

(Replaces S6-211112)

**Discussion:**

It was noted, after the meeting was closed, that not all the agreed changes had been taken on board in TDoc S6-211112. Hence the document was further revised after the meeting to correct this omission.

**Decision:** The document was **revised to S6-211119**.

**S6-211119 Unified EEC context**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Convida Wireless LLC*

(Replaces S6-211118)

**Discussion:**

After another careful re-read of the contribution, it was noted that still one of the agreed changes had been omitted. This was corrected in the S6-211119.

**Decision:** The document was **not treated**.

**S6-210937 Unified Context relocation in ACR**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Convida Wireless LLC*

**Decision:** The document was **revised to S6-211047**.

**S6-211047 Unified Context relocation in ACR**

 *Type: pCR For: Approval
 23.558 v2.0.0
 Source: Convida Wireless LLC*

(Replaces S6-210937)

**Discussion:**

The meeting discussed draft rev1.

**Decision:** The document was **postponed**.

**S6-210948 Discussion on S-EAS decided scenario and sub-case**

 *Type: discussion For: discussion
 Source: Convida Wireless*

**Decision:** The document was **noted**.

### 7.7 eSEAL - Enhanced Service Enabler Architecture Layer for Verticals

**S6-210792 Update to GMS APIs**

 *Type: CR For: (not specified)
 23.434 v17.1.0 CR-0049 Cat: B (Rel-17)

 Source: TD Tech Ltd*

**Decision:** The document was **revised to S6-211001**.

**S6-211001 Update to GMS APIs**

 *Type: CR For: -
 23.434 v17.1.0 CR-0049 rev 1 Cat: B (Rel-17)

 Source: TD Tech Ltd*

(Replaces S6-210792)

**Decision:** The document was **revised to S6-211085**.

**S6-211085 Update to GMS APIs**

 *Type: CR For: -
 23.434 v17.1.0 CR-0049 rev 2 Cat: B (Rel-17)

 Source: TD Tech Ltd*

(Replaces S6-211001)

**Abstract:**

The contribution proposes adding the missing information flow and the API operation in relation to the API operation definitions for location-based group creation specified in clause 10.3.2.34.

**Decision:** The document was **agreed**.

**S6-210844 SEAL support for CoAP**

 *Type: CR For: Approval
 23.434 v17.1.0 CR-0051 Cat: B (Rel-17)

 Source: Ericsson LM*

**Decision:** The document was **revised to S6-210993**.

**S6-210993 SEAL support for CoAP**

 *Type: CR For: Approval
 23.434 v17.1.0 CR-0051 rev 1 Cat: B (Rel-17)

 Source: Ericsson LM*

(Replaces S6-210844)

**Discussion:**

The draft rev2 to and draft rev3 were discussed during the closing call.

The only change is (in rev3) to move the note (copied hereafter) in the annex into the note beneath the fig 6.2.-5.

 "NOTE: The Light-weight Protocol (LWP) functional entities and reference points are a generic representation of protocol entities and reference points for use in constrained environments. Realizations of LWP by means of a particular transport protocol are defined in the annex of this specification. Realizations of LWP by means of transport protocols is not limited to those defined in the annex of this specification."

Revision field and clauses affected also to be updated accordingly.

With the above change the revised contribution is considered pre-agreed.

**Decision:** The document was **revised to S6-211084**.

**S6-211084 SEAL support for CoAP**

 *Type: CR For: Approval
 23.434 v17.1.0 CR-0051 rev 2 Cat: B (Rel-17)

 Source: Ericsson*

(Replaces S6-210993)

**Decision:** The document was **agreed**.

**S6-210845 Resolve EN for group management**

 *Type: CR For: (not specified)
 23.434 v17.1.0 CR-0052 Cat: B (Rel-17)

 Source: Ericsson LM*

**Decision:** The document was **revised to S6-211086**.

**S6-211086 Resolve EN for group management**

 *Type: CR For: -
 23.434 v17.1.0 CR-0052 rev 1 Cat: B (Rel-17)

 Source: Ericsson*

(Replaces S6-210845)

**Decision:** The document was **agreed**.

**S6-210853 Coordinated QoS/resource management for network-assisted UE-to-UE communications**

 *Type: CR For: Agreement
 23.434 v17.1.0 CR-0053 Cat: B (Rel-17)

 Source: Lenovo, Motorola Mobility*

**Abstract:**

This contribution adds a new feature in SEAL NRM for enabling end-to-end QoS coordination for network-assisted UE to UE communications.

**Decision:** The document was **revised to S6-211075**.

**S6-211075 Coordinated QoS/resource management for network-assisted UE-to-UE communications**

 *Type: CR For: Agreement
 23.434 v17.1.0 CR-0053 rev 1 Cat: B (Rel-17)

 Source: Lenovo, Motorola Mobility*

(Replaces S6-210853)

**Decision:** The document was **Agreed**.

**S6-210855 Network Slice Capability Management functional model**

 *Type: CR For: Agreement
 23.434 v17.1.0 CR-0037 rev 2 Cat: B (Rel-17)

 Source: Lenovo, Motorola Mobility*

(Replaces S6-210473)

**Abstract:**

This CR provides the functional model, updates on procedures, and SEAL APIs for Network Slice Ca (NSE) feature Capability Management feature

**Decision:** The document was **revised to S6-211076**.

**S6-211076 Network Slice Capability Management functional model**

 *Type: CR For: Agreement
 23.434 v17.1.0 CR-0037 rev 3 Cat: B (Rel-17)

 Source: Lenovo, Motorola Mobility*

(Replaces S6-210855)

**Decision:** The document was **Agreed**.

**S6-210860 eSEAL-Group\_Fetch**

 *Type: CR For: Agreement
 23.434 v17.1.0 CR-0054 Cat: B (Rel-17)

 Source: Samsung*

**Decision:** The document was **revised to S6-211065**.

**S6-211065 eSEAL-Group\_Fetch**

 *Type: CR For: Agreement
 23.434 v17.1.0 CR-0054 rev 1 Cat: B (Rel-17)

 Source: Samsung*

(Replaces S6-210860)

**Decision:** The document was **Agreed**.

**S6-210861 eSEAL-Group\_Management\_Enhancements**

 *Type: CR For: Agreement
 23.434 v17.1.0 CR-0055 Cat: C (Rel-17)

 Source: Samsung*

**Decision:** The document was **revised to S6-211066**.

**S6-211066 eSEAL-Group\_Management\_Enhancements**

 *Type: CR For: Agreement
 23.434 v17.1.0 CR-0055 rev 1 Cat: C (Rel-17)

 Source: Samsung*

(Replaces S6-210861)

**Decision:** The document was **Agreed**.

**S6-210864 eSEAL\_Off-network\_Location\_Management**

 *Type: CR For: Agreement
 23.434 v17.1.0 CR-0043 rev 2 Cat: B (Rel-17)

 Source: Samsung*

(Replaces S6-210595)

**Decision:** The document was **revised to S6-211069**.

**S6-211069 eSEAL\_Off-network\_Location\_Management**

 *Type: CR For: Agreement
 23.434 v17.1.0 CR-0043 rev 3 Cat: B (Rel-17)

 Source: Samsung*

(Replaces S6-210864)

**Decision:** The document was **Agreed**.

**S6-210916 Requirements for Location management service**

 *Type: CR For: Agreement
 23.434 v17.1.0 CR-0058 Cat: B (Rel-17)

 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Requirements for Location management service

**Decision:** The document was **revised to S6-211030**.

**S6-211030 Requirements for Location management service**

 *Type: CR For: Agreement
 23.434 v17.1.0 CR-0058 rev 1 Cat: B (Rel-17)

 Source: Huawei, Hisilicon*

(Replaces S6-210916)

**Decision:** The document was **Agreed**.

### 7.8 eV2XAPP - Enhanced application layer support for V2X services

**S6-210755 CAPIF function of SEAL server**

 *Type: CR For: Approval
 23.286 v17.1.0 CR-0045 Cat: F (Rel-17)

 Source: China Mobile Com. Corporation*

**Decision:** The document was **postponed**.

**S6-210756 Network resource management service of SEAL for V2X application**

 *Type: CR For: Agreement
 23.286 v17.1.0 CR-0046 Cat: D (Rel-17)

 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S6-211000**.

**S6-211000 Network resource management service of SEAL for V2X application**

 *Type: CR For: Agreement
 23.286 v17.1.0 CR-0046 rev 1 Cat: D (Rel-17)

 Source: China Mobile Com. Corporation*

(Replaces S6-210756)

**Decision:** The document was **revised to S6-211107**.

**S6-211107 Network resource management service of SEAL for V2X application**

 *Type: CR For: Agreement
 23.286 v17.1.0 CR-0046 rev 2 Cat: F (Rel-17)

 Source: China Mobile Com. Corporation*

(Replaces S6-211000)

**Abstract:**

This contribution adds chapter link for the procedures of network resource management service of SEAL that specified in 3GPP TS 23.434 for the V2X applications, it is to include network resource management without SIP core.

**Decision:** The document was **agreed**.

**S6-210849 Resolving the EN for network monitoring procedure**

 *Type: CR For: Agreement
 23.286 v17.1.0 CR-0047 Cat: F (Rel-17)

 Source: CATT*

**Discussion:**

CATT presented the document during the ICC#4.

**Decision:** The document was **postponed**.

**S6-210850 Editorial changes for references**

 *Type: CR For: Agreement
 23.286 v17.1.0 CR-0048 Cat: D (Rel-17)

 Source: CATT*

**Decision:** The document was **withdrawn**.

**S6-210851 Editorial changes for references**

 *Type: CR For: Agreement
 23.286 v17.1.0 CR-0049 Cat: D (Rel-17)

 Source: CATT*

**Decision:** The document was **Agreed**.

**S6-210857 Support for power efficient V2P communications**

 *Type: CR For: Agreement
 23.286 v17.1.0 CR-0052 Cat: B (Rel-17)

 Source: Lenovo, Motorola Mobility*

**Abstract:**

This contribution introduces the support capability at the VAE layer for translating the V2X application requirements to QoS/AS layer configurations to optimize power efficient operation of V2P communications.

**Decision:** The document was **noted**.

**S6-210924 Resolving editor notes in session oriented services**

 *Type: CR For: Agreement
 23.286 v17.1.0 CR-0053 Cat: B (Rel-17)

 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Resolving editor notes in session oriented services

**Decision:** The document was **Agreed**.

**S6-210925 Editorial corrections for HDMap feature**

 *Type: CR For: Agreement
 23.286 v17.1.0 CR-0054 Cat: F (Rel-17)

 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Editorial corrections for HDMap feature

**Decision:** The document was **revised to S6-211036**.

**S6-211036 Editorial corrections for HDMap feature**

 *Type: CR For: Agreement
 23.286 v17.1.0 CR-0054 rev 1 Cat: F (Rel-17)

 Source: Huawei, Hisilicon*

(Replaces S6-210925)

**Decision:** The document was **Agreed**.

**S6-210926 Information flows and API definitions for session-oriented service**

 *Type: CR For: Agreement
 23.286 v17.1.0 CR-0055 Cat: B (Rel-17)

 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Information flows and API definitions for session-oriented service

**Decision:** The document was **revised to S6-211037**.

**S6-211037 Information flows and API definitions for session-oriented service**

 *Type: CR For: Agreement
 23.286 v17.1.0 CR-0055 rev 1 Cat: B (Rel-17)

 Source: Huawei, Hisilicon*

(Replaces S6-210926)

**Decision:** The document was **Agreed**.

**S6-210927 Requirements for message distribution**

 *Type: CR For: Agreement
 23.286 v17.1.0 CR-0056 Cat: B (Rel-17)

 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Requirements for message distribution

**Decision:** The document was **revised to S6-211038**.

**S6-211038 Requirements for message distribution**

 *Type: CR For: Agreement
 23.286 v17.1.0 CR-0056 rev 1 Cat: B (Rel-17)

 Source: Huawei, Hisilicon*

(Replaces S6-210927)

**Decision:** The document was **Agreed**.

**S6-210928 Alignment of Get V2X UE service discovery response with request**

 *Type: CR For: Agreement
 23.286 v17.1.0 CR-0057 Cat: B (Rel-17)

 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Alignment of Get V2X UE service discovery response with request

**Decision:** The document was **revised to S6-211039**.

**S6-211039 Alignment of Get V2X UE service discovery response with request**

 *Type: CR For: Agreement
 23.286 v17.1.0 CR-0057 rev 1 Cat: B (Rel-17)

 Source: Huawei, Hisilicon*

(Replaces S6-210928)

**Decision:** The document was **Agreed**.

**S6-210929 Alignment of information flows for local service information**

 *Type: CR For: Agreement
 23.286 v17.1.0 CR-0058 Cat: B (Rel-17)

 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Alignment of information flows for local service information

**Decision:** The document was **revised to S6-211040**.

**S6-211040 Alignment of information flows for local service information**

 *Type: CR For: Agreement
 23.286 v17.1.0 CR-0058 rev 1 Cat: B (Rel-17)

 Source: Huawei, Hisilicon*

(Replaces S6-210929)

**Decision:** The document was **Agreed**.

**S6-210999 Network resource management service of SEAL for V2X application**

 *Type: CR For: discussion
 23.286 v17.1.0 CR-0059 Cat: F (Rel-17)

 Source: China Mobile Com. Corporation*

**Decision:** The document was **withdrawn**.

### 7.9 5GMARCH - Application Architecture for MSGin5G Service

**S6-210745 Pseudo-CR on Generic description of the MSGin5G Service**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: one2many B.V.*

**Decision:** The document was **revised to S6-211060**.

**S6-211060 Pseudo-CR on Generic description of the MSGin5G Service**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: one2many B.V.*

(Replaces S6-210745)

**Discussion:**

The only change is replacing in the EN “MSGin5G UE” with “MSGin5G client in the MSGin5G UE”.

With this change the revised contribution is considered pre-approved.

**Decision:** The document was **revised to S6-211090**.

**S6-211090 Pseudo-CR on Generic description of the MSGin5G Service**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: one2many B.V.*

(Replaces S6-211060)

**Decision:** The document was **approved**.

**S6-210746 Updates to Definitions**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: one2many B.V.*

**Decision:** The document was **revised to S6-211061**.

**S6-211061 Updates to Definitions**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: one2many B.V.*

(Replaces S6-210746)

**Decision:** The document was **revised to S6-211087**.

**S6-211087 Updates to Definitions**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: one2many B.V.*

(Replaces S6-211061)

**Decision:** The document was **approved**.

**S6-210764 Resolution of ENs in 7.1.4**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: one2many B.V.*

**Decision:** The document was **postponed**.

**S6-210779 Addressing multiple Application Clients in a UE**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: one2many B.V.*

**Decision:** The document was **revised to S6-211062**.

**S6-211062 Addressing multiple Application Clients in a UE**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: one2many B.V.*

(Replaces S6-210779)

**Decision:** The document was **revised to S6-211091**.

**S6-211091 Pseudo-CR on addressing multiple Application Clients in a UE**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: one2many B.V.*

(Replaces S6-211062)

**Decision:** The document was **approved**.

**S6-210791 pCR on 5GMARCH Information Elements**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: one2many B.V.*

(Replaces S6-210387)

**Abstract:**

Clarification of stage 2 Information Elements used in procedures having a specific format and specific.

**Decision:** The document was **revised to S6-211063**.

**S6-211063 pCR on 5GMARCH Information Elements**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: one2many B.V.*

(Replaces S6-210791)

**Discussion:**

The only changes (ref draft Rev2) are:

 - change clause numbers to "X.xx" and

 - adding an editor's note: "The number "65535" is FFS” to subclauses X.xb, X.xc, X.xd"

With these changes the revised contribution is considered pre-approved.

**Decision:** The document was **revised to S6-211098**.

**S6-211098 Pseudo-CR on 5GMARCH Information Elements**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: one2many B.V.*

(Replaces S6-211063)

**Decision:** The document was **approved**.

**S6-210804 Messaging Topic Subscription**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: one2many B.V.*

**Decision:** The document was **revised to S6-211064**.

**S6-211064 Messaging Topic Subscription**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: one2many B.V.*

(Replaces S6-210804)

**Decision:** The document was **revised to S6-211093**.

**S6-211093 Pseudo-CR on Messaging Topic Subscription**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: one2many B.V.*

(Replaces S6-211064)

**Decision:** The document was **approved**.

**S6-210814 Pseudo-CR MSGin5G identities**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S6-210984**.

**S6-210984 Pseudo-CR MSGin5G identities**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: China Mobile Com. Corporation*

(Replaces S6-210814)

**Discussion:**

During the closing call AT&T pointed out editorial errors (Service Endpoints -> service endpoints) in clauses 6.1.2 and 6.2.

The only change is replacing, in clauses 6.1.2 and 6.2, “Service Endpoints” with “service endpoints”.

With this change the revised contribution is considered pre-approved.

**Decision:** The document was **revised to S6-211088**.

**S6-211088 Pseudo-CR MSGin5G identities**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: China Mobile*

(Replaces S6-210984)

**Decision:** The document was **approved**.

**S6-210815 Pseudo-CR on MGSin5G UE configuration (TS)**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S6-210985**.

**S6-210985 Pseudo-CR on MGSin5G UE configuration (TS)**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: China Mobile Com. Corporation*

(Replaces S6-210815)

**Decision:** The document was **revised to S6-211094**.

**S6-211094 Pseudo-CR on MSGin5G UE Configuration**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: China Mobile*

(Replaces S6-210985)

**Decision:** The document was **approved**.

**S6-210816 Pseudo-CR on Non-MGSin5G UE configuration (TS)**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S6-210986**.

**S6-210986 Pseudo-CR on Non-MGSin5G UE configuration (TS)**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: China Mobile Com. Corporation*

(Replaces S6-210816)

**Decision:** The document was **revised to S6-211095**.

**S6-211095 Pseudo-CR on Non-MSGin5G UE Configuration**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: China Mobile*

(Replaces S6-210986)

**Decision:** The document was **approved**.

**S6-210817 Pseudo-CR on architecture updates based on configuration (TS)**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S6-210987**.

**S6-210987 Pseudo-CR on architecture updates based on configuration (TS)**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: China Mobile Com. Corporation*

(Replaces S6-210817)

**Decision:** The document was **revised to S6-211049**.

**S6-211049 Pseudo-CR on architecture updates based on configuration (TS)**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: China Mobile Com. Corporation*

(Replaces S6-210987)

**Discussion:**

The S6-211049 draft rev 1 was discussed during the closing call.

Only changes are to remove "MSGin5G clients" from the last bullet and add and editor’s note: What MSGin5G client information related to the MSGin5G Service will be managed by the MSGin5G server is FFS.

With this change the revised contribution is considered pre-approved.

**Decision:** The document was **revised to S6-211089**.

**S6-211089 Pseudo-CR on architecture updates based on configuration (TS)**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: China Mobile, Samsung*

(Replaces S6-211049)

**Decision:** The document was **approved**.

**S6-210818 non-MSGin5G message delivery status report**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S6-210988**.

**S6-210988 non-MSGin5G message delivery status report**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: China Mobile Com. Corporation*

(Replaces S6-210818)

**Decision:** The document was **Approved**.

**S6-210819 5GMARCH Message Delivery API**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: HUAWEI Technologies Japan K.K.*

**Decision:** The document was **postponed**.

**S6-210820 remove EN addressing Application Client ID**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S6-210989**.

**S6-210989 remove EN addressing Application Client ID**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: China Mobile Com. Corporation*

(Replaces S6-210820)

**Decision:** The document was **Approved**.

**S6-210821 5GMARCH AS Registration API**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: HUAWEI Technologies Japan K.K.*

**Decision:** The document was **postponed**.

**S6-210822 5GMARCH capability exposure using CAPIF**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: HUAWEI Technologies Japan K.K.*

**Decision:** The document was **Approved**.

**S6-210823 5GMARCH Message delivery between UEs in different PLMNs**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: HUAWEI Technologies Japan K.K.*

**Decision:** The document was **revised to S6-210967**.

**S6-210967 5GMARCH Message delivery between UEs in different PLMNs**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: HUAWEI Technologies Japan K.K.*

(Replaces S6-210823)

**Decision:** The document was **revised to S6-211097**.

**S6-211097 5GMARCH Message delivery between UEs in different PLMNs**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: Huawei, Hisilicon*

(Replaces S6-210967)

**Abstract:**

This pCR proposes Message delivery procedure between MSGin5G UEs in different PLMNs.

**Decision:** The document was **approved**.

**S6-210826 5GMARCH corrections on the combined message delivery procedure**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: HUAWEI Technologies Japan K.K.*

**Decision:** The document was **revised to S6-210968**.

**S6-210968 5GMARCH corrections on the combined message delivery procedure**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: HUAWEI Technologies Japan K.K.*

(Replaces S6-210826)

**Decision:** The document was **revised to S6-211092**.

**S6-211092 5GMARCH corrections on the combined message delivery procedure**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: Huawei, Hisilicon*

(Replaces S6-210968)

**Abstract:**

This pCR is to correct some IE names and some steps in 7.1.

**Decision:** The document was **approved**.

**S6-210827 5GMARCH corrections on the clause level of Message Aggregation**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: HUAWEI Technologies Japan K.K.*

**Decision:** The document was **Approved**.

**S6-210829 5GMARCH Message delivery between MSGin5G Server and MSGin5G Client**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: HUAWEI Technologies Japan K.K.*

**Decision:** The document was **postponed**.

**S6-210830 5GMARCH Message delivery between MSGin5G server and Legacy 3GPP UE**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: HUAWEI Technologies Japan K.K.*

**Decision:** The document was **postponed**.

**S6-210831 5GMARCH Message delivery between MSGin5G server and Non-3GPP UE**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: HUAWEI Technologies Japan K.K.*

**Decision:** The document was **postponed**.

**S6-210832 5GMARCH Message delivery between MSGin5G Server and Application Server**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: HUAWEI Technologies Japan K.K.*

**Decision:** The document was **postponed**.

**S6-210835 5GMARCH E2E Message delivery procedures (P2P)**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: HUAWEI Technologies Japan K.K.*

**Decision:** The document was **revised to S6-210969**.

**S6-210969 5GMARCH E2E Message delivery procedures (P2P)**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: HUAWEI Technologies Japan K.K.*

(Replaces S6-210835)

**Decision:** The document was **Approved**.

**S6-210836 5GMARCH E2E Message delivery procedures (A2P)**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: HUAWEI Technologies Japan K.K.*

**Decision:** The document was **merged**.

**S6-210837 5GMARCH E2E Message delivery procedures (P2A)**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: HUAWEI Technologies Japan K.K.*

**Decision:** The document was **merged**.

**S6-210866 5GMARCH-Architecture updates**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: Samsung*

**Decision:** The document was **merged**.

**S6-210867 5GMARCH-Group\_Messaging**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: Samsung*

**Decision:** The document was **revised to S6-211071**.

**S6-211071 5GMARCH-Group\_Messaging**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: Samsung*

(Replaces S6-210867)

**Decision:** The document was **Approved**.

**S6-210868 5GMARCH-Segmentation**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: Samsung*

**Discussion:**

Samsung presented the document S6-210868 rev 1 during the ICC#5.

**Decision:** The document was **revised to S6-211072**.

**S6-211072 5GMARCH-Segmentation**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: Samsung*

(Replaces S6-210868)

**Decision:** The document was **revised to S6-211096**.

**S6-211096 Pseudo-CR on Segmentation and Reassembly**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: Samsung, Convida*

(Replaces S6-211072)

**Decision:** The document was **approved**.

**S6-210930 5GMARCH store and forward**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: Convida Wireless LLC*

**Decision:** The document was **revised to S6-211041**.

**S6-211041 5GMARCH store and forward**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: Convida Wireless LLC*

(Replaces S6-210930)

**Decision:** The document was **postponed**.

**S6-210931 5GMARCH UE reachability**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: Convida Wireless LLC*

**Decision:** The document was **revised to S6-211042**.

**S6-211042 5GMARCH UE reachability**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: Convida Wireless LLC*

(Replaces S6-210931)

**Decision:** The document was **Approved**.

**S6-210932 5GMARCH triggering**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: Convida Wireless LLC*

**Decision:** The document was **revised to S6-211043**.

**S6-211043 5GMARCH triggering**

 *Type: pCR For: Approval
 23.554 v0.2.0
 Source: Convida Wireless LLC*

(Replaces S6-210932)

**Decision:** The document was **Approved**.

### 7.10 UASAPP - Application layer support for Unmanned Aerial System (UAS)

**S6-210747 Procedure for UAS media session management**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Tencent*

**Decision:** The document was **revised to S6-210997**.

**S6-210997 Procedure for UAS media session management**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Tencent*

(Replaces S6-210747)

**Decision:** The document was **postponed**.

**S6-210748 Unicast SDP/SIP session establishment support**

 *Type: CR For: Approval
 23.434 v17.1.0 CR-0046 Cat: B (Rel-17)

 Source: Tencent*

**Decision:** The document was **revised to S6-210998**.

**S6-210998 Unicast SDP/SIP session establishment support**

 *Type: CR For: Approval
 23.434 v17.1.0 CR-0046 rev 1 Cat: B (Rel-17)

 Source: Tencent*

(Replaces S6-210748)

**Discussion:**

The draft rev 1 was discussed during the closing call.

**Decision:** The document was **postponed**.

**S6-210749 Procedure for UAV and UAV-C Pairing and C2 QoS Provisioning using Grouping ID**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Tencent*

**Discussion:**

Tencent presented the document during the ICC#3.

**Decision:** The document was **revised to S6-210994**.

**S6-210994 Procedure for UAV and UAV-C Pairing and C2 QoS Provisioning using Grouping ID**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Tencent*

(Replaces S6-210749)

**Decision:** The document was **revised to S6-211100**.

**S6-211100 Procedure for UAV and UAV-C Pairing and C2 QoS Provisioning using Group ID**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Tencent*

(Replaces S6-210994)

**Abstract:**

This contribution adds a new feature in UASAPP TS 23.255 for UAV and UAV-C grouping.

**Decision:** The document was **approved**.

**S6-210750 Procedure for Real-Time UAV Connection Status Monitoring and Location Reporting**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Tencent*

**Decision:** The document was **revised to S6-210996**.

**S6-210996 Procedure for Real-Time UAV Connection Status Monitoring and Location Reporting**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Tencent*

(Replaces S6-210750)

**Discussion:**

Draft rev 1 ok.

**Decision:** The document was **revised to S6-211105**.

**S6-211105 Procedure for Real-Time UAV Connection Status Monitoring and Location Reporting**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Tencent*

(Replaces S6-210996)

**Abstract:**

This contribution proposes the procedures for Real-Time UAV Connection Monitoring and Location Reporting.

**Decision:** The document was **approved**.

**S6-210751 Location report timestamp support**

 *Type: CR For: Approval
 23.434 v17.1.0 CR-0047 Cat: B (Rel-17)

 Source: Tencent*

**Decision:** The document was **revised to S6-210995**.

**S6-210995 Location report timestamp support**

 *Type: CR For: Approval
 23.434 v17.1.0 CR-0047 rev 1 Cat: B (Rel-17)

 Source: Tencent*

(Replaces S6-210751)

**Decision:** The document was **agreed**.

**S6-210752 Network connection monitoring support**

 *Type: CR For: Approval
 23.434 v17.1.0 CR-0048 Cat: B (Rel-17)

 Source: Tencent*

**Decision:** The document was **merged**.

**S6-210768 Procedures for C2 communication mode switching**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: InterDigital*

**Decision:** The document was **revised to S6-211007**.

**S6-211007 Procedures for C2 communication mode switching**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: InterDigital, Lenovo, Motorola Mobility*

(Replaces S6-210768)

**Decision:** The document was **revised to S6-211101**.

**S6-211101 Procedures for C2 communication mode switching**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: InterDigital, Lenovo, Motorola Mobility*

(Replaces S6-211007)

**Decision:** The document was **approved**.

**S6-210769 Requirements for C2 communication mode switching**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: InterDigital*

**Decision:** The document was **revised to S6-211008**.

**S6-211008 Requirements for C2 communication mode switching**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: InterDigital*

(Replaces S6-210769)

**Decision:** The document was **Approved**.

**S6-210838 Procedures for UAV Location Deviation Tracking**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: InterDigital*

**Decision:** The document was **merged**.

**S6-210839 Enhancement for UAV Location Deviation Monitoring**

 *Type: CR For: Agreement
 23.434 v17.1.0 CR-0050 Cat: B (Rel-17)

 Source: InterDigital*

**Decision:** The document was **merged**.

**S6-210856 Support for dynamic C2 mode switching**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Lenovo, Motorola Mobility*

**Abstract:**

This contribution adds a new feature in UASAPP for enabling dynamic C2 mode switching between direct and network-assisted C2 communications.

**Decision:** The document was **merged**.

**S6-210862 eSEAL-Location Deviation**

 *Type: CR For: Agreement
 23.434 v17.1.0 CR-0056 Cat: B (Rel-17)

 Source: Samsung*

**Decision:** The document was **revised to S6-211067**.

**S6-211067 eSEAL-Location Deviation**

 *Type: CR For: Agreement
 23.434 v17.1.0 CR-0056 rev 1 Cat: B (Rel-17)

 Source: Samsung*

(Replaces S6-210862)

**Decision:** The document was **agreed**.

**S6-210863 eSEAL-Event Monitoring**

 *Type: CR For: Agreement
 23.434 v17.1.0 CR-0057 Cat: B (Rel-17)

 Source: Samsung*

**Decision:** The document was **revised to S6-211068**.

**S6-211068 eSEAL-Event Monitoring**

 *Type: CR For: Agreement
 23.434 v17.1.0 CR-0057 rev 1 Cat: B (Rel-17)

 Source: Samsung*

(Replaces S6-210863)

**Decision:** The document was **agreed**.

**S6-210869 UASAPP-Location Deviation**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Samsung*

**Decision:** The document was **revised to S6-211073**.

**S6-211073 UASAPP-Location Deviation**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Samsung*

(Replaces S6-210869)

**Discussion:**

Draft rev1 ok

**Decision:** The document was **revised to S6-211102**.

**S6-211102 Pseudo-CR on Location Deviation**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Samsung, InterDigital*

(Replaces S6-211073)

**Decision:** The document was **approved**.

**S6-210870 UASAPP-Event Monitoring**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Samsung*

**Decision:** The document was **revised to S6-211074**.

**S6-211074 UASAPP-Event Monitoring**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Samsung*

(Replaces S6-210870)

**Discussion:**

Draft rev 1 ok.

**Decision:** The document was **revised to S6-211103**.

**S6-211103 Pseudo-CR on Events Reporting**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Samsung*

(Replaces S6-211074)

**Decision:** The document was **approved**.

**S6-210920 Update to scope and introduction**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Update to scope and introduction

**Decision:** The document was **revised to S6-211033**.

**S6-211033 Update to scope and introduction**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Huawei, Hisilicon*

(Replaces S6-210920)

**Discussion:**

The draft rev 1 was discussed during the closing call.

Deutsche Telekom was of the view that last part of the sentence in the introduction ".., as well as the UAS application standards defined outside 3GPP." and the editor's note "The exact specifications to be considered from other SDOs (e.g. ASTM) are FFS." were confusing.

The only changes are the following:

- removing ", as well as UAS application standards defined outside 3GPP." from the Introduction

- rephrasing the Editor's note to read "Whether to reference specifications from other SDOs (e.g. ASTM) is FFS."

With these changes the revised contribution is considered pre-approved.

**Decision:** The document was **revised to S6-211099**.

**S6-211099 Update to scope and introduction**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Huawei, Hisilicon*

(Replaces S6-211033)

**Decision:** The document was **approved**.

**S6-210921 Supplementary location information to verticals**

 *Type: CR For: Agreement
 23.434 v17.1.0 CR-0059 Cat: B (Rel-17)

 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Supplementary location information to verticals

**Decision:** The document was **agreed**.

**S6-210922 Utilization of SEAL LMS services**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Utilization of SEAL LMS services

**Decision:** The document was **revised to S6-211034**.

**S6-211034 Utilization of SEAL LMS services**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Huawei, Hisilicon*

(Replaces S6-210922)

**Decision:** The document was **revised to S6-211104**.

**S6-211104 Utilization of SEAL**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Huawei, Hisilicon, Samsung, InterDigital*

(Replaces S6-211034)

**Decision:** The document was **approved**.

**S6-210923 Support for edge deployments**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Support for edge deployments

**Decision:** The document was **revised to S6-211035**.

**S6-211035 Support for edge deployments**

 *Type: pCR For: Approval
 23.255 v0.3.0
 Source: Huawei, Hisilicon*

(Replaces S6-210923)

**Decision:** The document was **Approved**.

### 7.11 TEI17 - Technical Enhancements and Improvements

None

## 8 Study Items

None

### 8.1 FS\_MCOver5GS - Study on Mission Critical Services support over 5G System

**S6-210770 Pseudo-CR on 5GS non-direct interfacing of MC services**

 *Type: pCR For: Approval
 23.783 v1.2.0
 Source: Union Inter. Chemins de Fer, CATT*

**Decision:** The document was **revised to S6-210952**.

**S6-210952 Pseudo-CR on 5GS non-direct interfacing of MC services**

 *Type: pCR For: Approval
 23.783 v1.2.0
 Source: Union Inter. Chemins de Fer, CATT*

(Replaces S6-210770)

**Decision:** The document was **Approved**.

**S6-210786 Pseudo-CR on update for MCData functional models**

 *Type: pCR For: Approval
 23.783 v1.2.0
 Source: AT&T GNS Belgium SPRL*

**Abstract:**

Pseudo-CR on update for MCData functional models

**Decision:** The document was **Approved**.

**S6-210907 New solution to key issue#3 on application layer architecture over 5G MBS**

 *Type: pCR For: Approval
 23.783 v1.2.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for New solution to key issue#3 on application layer architecture over 5G MBS

**Discussion:**

Huawei presented the document S6-210907 during the ICC#1.

Motorola Solutions was of the view that the solution should not contain release details.

Furthermore, the proposal should not depict the 5GS in such a detail.

Ericsson did not support the note about "Full service mode". They suggested not changing the existing reference points. Motorola Solutions made a remark that maybe a new interface for the 5MBS messaging should be defined.

**Decision:** The document was **revised to S6-211025**.

**S6-211025 New solution to key issue#3 on application layer architecture over 5G MBS**

 *Type: pCR For: Approval
 23.783 v1.2.0
 Source: Huawei, Hisilicon*

(Replaces S6-210907)

**Decision:** The document was **Approved**.

**S6-210908 New solution to key issue#3 on Data delivery**

 *Type: pCR For: Approval
 23.783 v1.2.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for New solution to key issue#3 on Data delivery

**Decision:** The document was **revised to S6-211026**.

**S6-211026 New solution to key issue#3 on Data delivery**

 *Type: pCR For: Approval
 23.783 v1.2.0
 Source: Huawei, Hisilicon*

(Replaces S6-210908)

**Discussion:**

The draft rev1 was discussed during the closing call.

Ericsson suggested postponing the pCR e.g. because of the numerous ENs with regard to the procedures.

**Decision:** The document was **postponed**.

**S6-210909 New solution to key issue#3 on service continuity aspects**

 *Type: pCR For: Approval
 23.783 v1.2.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for New solution to key issue#3 on service continuity aspects

**Decision:** The document was **revised to S6-211027**.

**S6-211027 New solution to key issue#3 on service continuity aspects**

 *Type: pCR For: Approval
 23.783 v1.2.0
 Source: Huawei, Hisilicon*

(Replaces S6-210909)

**Discussion:**

The draft rev1 was discussed during the closing call.

Ericsson suggested postponing the pCR e.g. because of the numerous ENs with regard to the procedures.

**Decision:** The document was **postponed**.

**S6-210910 New solution to key issue#3 on use of multicast and broadcast MBS session**

 *Type: pCR For: Approval
 23.783 v1.2.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for New solution to key issue#3 on use of multicast and broadcast MBS session

**Decision:** The document was **revised to S6-211028**.

**S6-211028 New solution to key issue#3 on use of multicast and broadcast MBS session**

 *Type: pCR For: Approval
 23.783 v1.2.0
 Source: Huawei, Hisilicon*

(Replaces S6-210910)

**Discussion:**

The draft rev1 was discussed during the closing call.

Ericsson suggested to postpone the pCR e.g. because of the numerous ENs.

Motorola Solutions agreed with the view of Ericsson.

The Police of Netherlands also suggested postponing the contribution.

**Decision:** The document was **postponed**.

**S6-210911 Update key issue#3 on 5G Multicast service and 5G Broadcast service**

 *Type: pCR For: Approval
 23.783 v1.2.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Update key issue#3 on 5G Multicast service and 5G Broadcast service

**Decision:** The document was **merged**.

**S6-210912 Update key issue#3 on 5G MBS architecture and features for MC service**

 *Type: pCR For: Approval
 23.783 v1.2.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Update key issue#3 on 5G MBS architecture and features for MC service

**Decision:** The document was **merged**.

**S6-210913 Update key issue#3 on Data delivery for MC service**

 *Type: pCR For: Approval
 23.783 v1.2.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Update key issue#3 on Data delivery for MC service

**Decision:** The document was **merged**.

**S6-210914 Update key issue#3 on general aspects**

 *Type: pCR For: Approval
 23.783 v1.2.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Update key issue#3 on general aspects

**Discussion:**

Huawei presented the document S6-210914 during the ICC#1.

Motorola Solutions made a remark that they wanted to see the key issue in clause 5.3 stay as is without modifications and suggested proposing completely new key issues.

There was further discussion how this could be done.

FirstNet made a remark that there seemed to be several documents addressing the same clause.

Ericsson made remark that there seemed to be a number of contributions (up to 5) addressing the same clause and suggested combining these contributions into one contribution in a separate key issue.

Huawei agreed with the proposal to create a new key.

**Decision:** The document was **revised to S6-211029**.

**S6-211029 Update key issue#3 on general aspects**

 *Type: pCR For: Approval
 23.783 v1.2.0
 Source: Huawei, Hisilicon*

(Replaces S6-210914)

**Discussion:**

It was noted that the rapporteur would correct a typo i.e. TR -> TS when implementing the pCR.

**Decision:** The document was **approved**.

**S6-210915 Update key issue#3 on service continuity**

 *Type: pCR For: Approval
 23.783 v1.2.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Update key issue#3 on service continuity

**Decision:** The document was **merged**.

### 8.2 FS\_FFAPP - Study on application layer support for Factories of the Future in 5G network

**S6-210758 Remove Introduction**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: ZTE Corporation*

**Decision:** The document was **Approved**.

**S6-210759 Remove 3.2 Symbols**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: ZTE Corporation*

**Decision:** The document was **revised to S6-210970**.

**S6-210970 Remove 3.2 Symbols**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: ZTE Corporation*

(Replaces S6-210759)

**Decision:** The document was **Approved**.

**S6-210760 Abbreviations**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: ZTE Corporation*

**Decision:** The document was **Approved**.

**S6-210761 FFAPP Solution 3 fixes**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: HUAWEI TECHNOLOGIES Co. Ltd.*

**Discussion:**

Huawei presented the document S6-210761 during the ICC#6.

**Decision:** The document was **Approved**.

**S6-210762 FFAPP Solution 1 diagram clarification**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: HUAWEI TECHNOLOGIES Co. Ltd.*

**Discussion:**

Huawei presented the document S6-210762 during the ICC#6.

**Decision:** The document was **revised to S6-211077**.

**S6-211077 FFAPP Solution 1 diagram clarification**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: HUAWEI TECHNOLOGIES Co. Ltd.*

(Replaces S6-210762)

**Decision:** The document was **Approved**.

**S6-210763 FFAPP Ref23 & Editorial**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: HUAWEI TECHNOLOGIES Co. Ltd.*

**Decision:** The document was **Approved**.

**S6-210782 Remove EN in key issue 5**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: ZTE Corporation*

**Decision:** The document was **revised to S6-210971**.

**S6-210971 Remove EN in key issue 5**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: ZTE Corporation*

(Replaces S6-210782)

**Decision:** The document was **Approved**.

**S6-210783 Editorial change for key issue 14**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: ZTE Corporation*

**Decision:** The document was **withdrawn**.

**S6-210784 Editorial changes for Message communication**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: ZTE Corporation*

**Decision:** The document was **Approved**.

**S6-210785 add solution 24 for 8.3**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: ZTE Corporation*

**Decision:** The document was **Approved**.

**S6-210800 Editorial changes**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: NTT DOCOMO INC.*

**Abstract:**

This contribution proposes editorial changes.

**Decision:** The document was **Approved**.

**S6-210801 Update to Integration with Operation Technologies**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: NTT DOCOMO INC.*

**Abstract:**

This contribution proposes update to Annex B.

**Decision:** The document was **revised to S6-211080**.

**S6-211080 Update to Integration with Operation Technologies**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: NTT DOCOMO INC.*

(Replaces S6-210801)

**Decision:** The document was **Approved**.

**S6-210840 Update of Solution #10**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: Ericsson LM*

**Decision:** The document was **revised to S6-210990**.

**S6-210990 Update of Solution #10**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: Ericsson LM*

(Replaces S6-210840)

**Decision:** The document was **Approved**.

**S6-210841 Update of Solution #22**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: Ericsson LM*

**Decision:** The document was **Approved**.

**S6-210842 Overall evaluation of solutions for KI#5**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: Ericsson LM*

**Decision:** The document was **revised to S6-210991**.

**S6-210991 Overall evaluation of solutions for KI#5**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: Ericsson LM*

(Replaces S6-210842)

**Decision:** The document was **Approved**.

**S6-210843 Overall evaluation of solutions for KI#8**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: Ericsson LM*

**Decision:** The document was **revised to S6-210992**.

**S6-210992 Overall evaluation of solutions for KI#8**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: Ericsson LM*

(Replaces S6-210843)

**Decision:** The document was **Approved**.

**S6-210865 FS\_FFAPP-conclusion\_for\_Solution\_24**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: Samsung*

**Discussion:**

The contribution S6-210865 was revised to S6-211070, but finally the meeting decided to revert to the original S6-210865 which was approved.

**Decision:** The document was **approved**.

**S6-211070 FS\_FFAPP-conclusion\_for\_Solution\_24**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: Samsung*

**Discussion:**

The contribution S6-210865 was revised to S6-211070, but finally the meeting decided to revert to the original S6-210865 which was approved.

**Decision:** The document was **noted**.

**S6-210917 Update to Architecture Overall Evaluation**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Update to Architecture Overall Evaluation

**Decision:** The document was **revised to S6-211031**.

**S6-211031 Update to Architecture Overall Evaluation**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: Huawei, Hisilicon*

(Replaces S6-210917)

**Decision:** The document was **Approved**.

**S6-210918 Update to solution#2 and its evaluation**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Update to solution#2 and its evaluation

**Decision:** The document was **revised to S6-211032**.

**S6-211032 Update to solution#2 and its evaluation**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: Huawei, Hisilicon*

(Replaces S6-210918)

**Decision:** The document was **Approved**.

**S6-210919 Overall evaluation of key issue#8**

 *Type: pCR For: Approval
 23.745 v1.4.0
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Overall evaluation of key issue#8

**Decision:** The document was **merged**.

### 8.3 FS\_5GMARCH - Study on support of the 5GMSG Service

**S6-210813 evaluation of solution 28 and remove EN in architecture**

 *Type: CR For: Agreement
 23.700-24 v17.0.0 CR-0001 Cat: F (Rel-17)

 Source: China Mobile Com. Corporation*

**Decision:** The document was **Agreed**.

### 8.4 FS\_IRail - Study of Interconnection and Migration Aspects for Railways

**S6-210772 Changing the titles of location information related solutions**

 *Type: pCR For: Approval
 23.700-90 v0.2.0
 Source: Nokia, Nokia Shanghai Bell, BDBOS*

**Abstract:**

Changing titles to indicate that related clauses are on location information.

**Decision:** The document was **Approved**.

**S6-210773 Migration to another MC system during an ongoing group communication**

 *Type: pCR For: Approval
 23.700-90 v0.2.0
 Source: Nokia, Nokia Shanghai Bell, BDBOS, UIC*

**Abstract:**

Support for migration within an ongoing group communication.

**Decision:** The document was **revised to S6-210957**.

**S6-210957 Migration to another MC system during an ongoing group communication**

 *Type: pCR For: Approval
 23.700-90 v0.2.0
 Source: Nokia, Nokia Shanghai Bell, BDBOS, UIC*

(Replaces S6-210773)

**Decision:** The document was **Approved**.

**S6-210775 Migration to another MC system during an ongoing private communication**

 *Type: pCR For: Approval
 23.700-90 v0.2.0
 Source: Nokia, Nokia Shanghai Bell, UIC*

**Abstract:**

Support for migration within an ongoing private communication.

**Decision:** The document was **revised to S6-210958**.

**S6-210958 Migration to another MC system during an ongoing private communication**

 *Type: pCR For: Approval
 23.700-90 v0.2.0
 Source: Nokia, Nokia Shanghai Bell, UIC*

(Replaces S6-210775)

**Decision:** The document was **Approved**.

**S6-210776 Initial text for the overall evaluation clause**

 *Type: pCR For: Approval
 23.700-90 v0.2.0
 Source: Nokia, Nokia Shanghai Bell, UIC, BDBOS*

**Abstract:**

The overall evaluation clause needs text.

**Decision:** The document was **Approved**.

**S6-210794 Solution evaluation - Functional architecture**

 *Type: pCR For: Approval
 23.700-90 v0.2.0
 Source: BDBOS, Nokia, Nokia Shanghai Bell*

**Decision:** The document was **Approved**.

**S6-210795 Solution evaluation – Location information**

 *Type: pCR For: Approval
 23.700-90 v0.2.0
 Source: BDBOS, Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S6-210972**.

**S6-210972 Solution evaluation – Location information**

 *Type: pCR For: Approval
 23.700-90 v0.2.0
 Source: BDBOS, Nokia, Nokia Shanghai Bell*

(Replaces S6-210795)

**Decision:** The document was **Approved**.

## 9 Future work / New WIDs (including related contributions)

**S6-210797 Discussion paper on application enablement of subscriber-aware northbound API access**

 *Type: discussion For: Discussion
 Source: NTT DOCOMO INC.*

**Abstract:**

This contribution is to discuss the background and objectives of the new SA6 work item.

**Discussion:**

NTT DOCOMO presented, during the opening call, the document available as S6-210797.

**Decision:** The document was **noted**.

**S6-210798 Study on application enablement of subscriber-aware northbound API access**

 *Type: SID new For: Approval
 Source: NTT DOCOMO INC.*

(Replaces S6-210698)

**Abstract:**

This contribution proposes a new SA6 work item based on SA1 requirements (SNA).

**Decision:** The document was **revised to S6-211078**.

**S6-211078 Study on application enablement of subscriber-aware northbound API access**

 *Type: SID new For: Approval
 Source: NTT DOCOMO INC.*

(Replaces S6-210798)

**Decision:** The document was **revised to S6-211106**.

**S6-211106 New SID on study on application enablement aspects for subscriber-aware northbound API access**

 *Type: SID new For: Approval
 Source: NTT DOCOMO INC.*

(Replaces S6-211078)

**Abstract:**

The present contribution proposes a new SID on study on application enablement aspects for subscriber-aware northbound API access.

**Decision:** The document was **agreed**.

**S6-210846 Discussion for new work on location service**

 *Type: discussion For: (not specified)
 Source: CATT*

**Discussion:**

CATT presented, during the opening call, the document available as S6-210846.

There was a discussion on the actual role of SA6 w.r.t. location services.

CATT made a remark the proposal was to provide something more than just raw data.

**Decision:** The document was **noted**.

**S6-210847 New SID on study on 5G-enabled fused location service capability exposure**

 *Type: SID new For: Approval
 Source: CATT*

**Decision:** The document was **revised to S6-210975**.

**S6-210975 New SID on study on 5G-enabled fused location service capability exposure**

 *Type: SID new For: Approval
 Source: CATT*

(Replaces S6-210847)

**Discussion:**

The draft rev 1 was discussed during the closing call.

Deutsche Telekom suggested rewording to the objective bullet 2, they further thought the work was premature.

CMCC indicated there was a real market need for this study.

FirstNet suggested to include clear examples of what is needed.

**Decision:** The document was **postponed**.

**S6-210938 Network Exposure for IoT Platforms discussion**

 *Type: discussion For: Information
 Source: Convida Wireless LLC*

**Decision:** The document was **revised to S6-210944**.

**S6-210939 New SID on Network Exposure for IoT Platforms**

 *Type: SID new For: Agreement
 Source: Convida Wireless LLC*

**Decision:** The document was **revised to S6-210945**.

**S6-210944 Network Exposure for IoT Platforms discussion**

 *Type: discussion For: Information
 Source: Convida Wireless*

(Replaces S6-210938)

**Discussion:**

Convida Wireless presented, during the opening call, the document available as S6-210944.

**Decision:** The document was **noted**.

**S6-210945 New SID on Network Exposure for IoT Platforms**

 *Type: SID new For: Agreement
 Source: Convida Wireless*

(Replaces S6-210939)

**Decision:** The document was **revised to S6-211044**.

**S6-211044 New SID on Network Exposure for IoT Platforms**

 *Type: SID new For: Agreement
 Source: Convida Wireless*

(Replaces S6-210945)

**Discussion:**

The meeting discussed draft rev 2.

Nokia raised concerns with the proposal esp. objective bullet 1.

**Decision:** The document was **postponed**.

## 10 Work Plan review

**S6-211081 SA6#42-BIS-e Work Plan Review**

 *Type: other For: discussion
 Source: SA6 chair*

**Decision:** The document was **noted**.

## 11 Future meetings

**S6-210777 SA6 future meetings (2022-2023)**

 *Type: other For: Agreement
 Source: SA6 Chair*

**Abstract:**

Proposal for 2022-2023 3GPP SA6 calendar

**Discussion:**

The chairman presented, during the opening call, the document available as S6-210777.

**Decision:** The document was **revised to S6-210960**.

**S6-210960 SA6 future meetings (2022-2023)**

 *Type: other For: Agreement
 Source: SA6 Chair*

(Replaces S6-210777)

**Decision:** The document was **Agreed**.

For the list of coming meetings please see also Annex I of the present meeting report.

## 12 AOB

The chairman thanked the:

* the vice chairmen for their assistance in a.o. chairing the conference calls,
* delegates for their active participation,
* MCC for the support during the meeting

## 13 Close of the meeting

Report prepared by: MCC

## Annex A: Contribution documents and status

### A1: List of TDocs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Decision | Replaces | Replaced by |
| S6-210734 | SA6 Meeting 42-bis-e Agenda | SA6 Chairman | noted |  |  |
| S6-210735 | SA6 Meeting 42-e Report | MCC | Approved |  |  |
| S6-210736 | SA6 Meeting #42-bis-e - Agenda with Tdocs allocation after submission deadline | SA6 Chairman | noted |  |  |
| S6-210737 | SA6 Meeting #42-bis-e - Agenda with Tdocs allocation at start of the meeting | SA6 Chairman | approved |  |  |
| S6-210738 | SA6 Meeting #42-bis-e - Chairman's notes at end of the meeting | SA6 Chairman | noted |  |  |
| S6-210739 | Reply to LS on New Whitepaper: "Operator Platform Telco Edge proposal" | SA2 | noted |  |  |
| S6-210740 | Reply LS on Service Layer aspects for 5G MBS | SA2 | noted |  |  |
| S6-210741 | Reply LS on application layer impact of FS\_enh\_EC solution #16 | SA2 | noted |  |  |
| S6-210742 | LS reply from 3GPP SA5 to GSMA on 5G Operator Platform Telco Edge proposal | SA5 | noted |  |  |
| S6-210743 | 5G capabilities exposure for factories of the future - revised | 5G-ACIA | postponed |  |  |
| S6-210744 | LS from GSMA Operator Platform Group on edge computing definition and integration | GSMA Operator Platform Group | replied to |  |  |
| S6-210745 | Pseudo-CR on Generic description of the MSGin5G Service | one2many B.V. | revised |  | S6-211060 |
| S6-210746 | Updates to Definitions | one2many B.V. | revised |  | S6-211061 |
| S6-210747 | Procedure for UAS media session management | Tencent | revised |  | S6-210997 |
| S6-210748 | Unicast SDP/SIP session establishment support | Tencent | revised |  | S6-210998 |
| S6-210749 | Procedure for UAV and UAV-C Pairing and C2 QoS Provisioning using Grouping ID | Tencent | revised |  | S6-210994 |
| S6-210750 | Procedure for Real-Time UAV Connection Status Monitoring and Location Reporting | Tencent | revised |  | S6-210996 |
| S6-210751 | Location report timestamp support | Tencent | revised |  | S6-210995 |
| S6-210752 | Network connection monitoring support | Tencent | merged |  |  S6-210863 |
| S6-210753 | Report on SA6 related topics at SA#91-e | SA6 Chairman | noted |  |  |
| S6-210754 | Aggregated notifications and reports | AT&T | revised |  | S6-210965 |
| S6-210755 | CAPIF function of SEAL server | China Mobile Com. Corporation | postponed |  |  |
| S6-210756 | Network resource management service of SEAL for V2X application | China Mobile Com. Corporation | revised |  | S6-211000 |
| S6-210757 | Correct misuse of the term "transmission control" | AT&T | revised |  | S6-210966 |
| S6-210758 | Remove Introduction | ZTE Corporation | Approved |  |  |
| S6-210759 | Remove 3.2 Symbols | ZTE Corporation | revised |  | S6-210970 |
| S6-210760 | Abbreviations | ZTE Corporation | Approved |  |  |
| S6-210761 | FFAPP Solution 3 fixes | HUAWEI TECHNOLOGIES Co. Ltd. | Approved |  |  |
| S6-210762 | FFAPP Solution 1 diagram clarification | HUAWEI TECHNOLOGIES Co. Ltd. | revised |  | S6-211077 |
| S6-210763 | FFAPP Ref23 & Editorial | HUAWEI TECHNOLOGIES Co. Ltd. | Approved |  |  |
| S6-210764 | Resolution of ENs in 7.1.4 | one2many B.V. | postponed |  |  |
| S6-210765 | EES traffic influence at ECS | China Mobile Com. Corporation | revised |  | S6-211053 |
| S6-210766 | Delete the EN about ECS configuration information provisioning | China Mobile Com. Corporation | revised |  | S6-211052 |
| S6-210767 | Update for ECS configuration information | China Mobile Com. Corporation | revised |  | S6-211050 |
| S6-210768 | Procedures for C2 communication mode switching | InterDigital | revised |  | S6-211007 |
| S6-210769 | Requirements for C2 communication mode switching | InterDigital | revised |  | S6-211008 |
| S6-210770 | Pseudo-CR on 5GS non-direct interfacing of MC services | Union Inter. Chemins de Fer, CATT | revised |  | S6-210952 |
| S6-210771 | Peudo-CR on migration using public 5GS networks and/or non-public 5GS networks | Union Inter. Chemins de Fer, Nokia, Nokia Shanghai Bell | revised | S6-210390 | S6-210953 |
| S6-210772 | Changing the titles of location information related solutions | Nokia, Nokia Shanghai Bell, BDBOS | Approved |  |  |
| S6-210773 | Migration to another MC system during an ongoing group communication | Nokia, Nokia Shanghai Bell, BDBOS, UIC | revised |  | S6-210957 |
| S6-210774 | Pseudo-CR on Business relationship for public and non-public networks | Union Inter. Chemins de Fer, Nokia, Nokia Shanghai Bell | revised | S6-210391 | S6-210954 |
| S6-210775 | Migration to another MC system during an ongoing private communication | Nokia, Nokia Shanghai Bell, UIC | revised |  | S6-210958 |
| S6-210776 | Initial text for the overall evaluation clause | Nokia, Nokia Shanghai Bell, UIC, BDBOS | Approved |  |  |
| S6-210777 | SA6 future meetings (2022-2023) | SA6 Chair | revised |  | S6-210960 |
| S6-210778 | Corrections related to ACR Information notification | Apple | revised |  | S6-210955 |
| S6-210779 | Addressing multiple Application Clients in a UE | one2many B.V. | revised |  | S6-211062 |
| S6-210780 | Pseudo-CR on Deletion of duplicate service continuity support parameter | Apple | revised |  | S6-210956 |
| S6-210781 | Corrections and enhancements to the Notification procedures | AT&T GNS Belgium SPRL | revised | S6-210601 | S6-210959 |
| S6-210782 | Remove EN in key issue 5 | ZTE Corporation | revised |  | S6-210971 |
| S6-210783 | Editorial change for key issue 14 | ZTE Corporation | withdrawn |  |  |
| S6-210784 | Editorial changes for Message communication | ZTE Corporation | Approved |  |  |
| S6-210785 | add solution 24 for 8.3 | ZTE Corporation | Approved |  |  |
| S6-210786 | Pseudo-CR on update for MCData functional models | AT&T GNS Belgium SPRL | Approved |  |  |
| S6-210787 | Update on Retrieve EES request and response messages | Samsung | revised |  | S6-211002 |
| S6-210788 | Update on ACR management events API | Samsung | revised |  | S6-211003 |
| S6-210789 | Automated ACR information procedure | Samsung | revised |  | S6-211004 |
| S6-210790 | Update on ACR initiation procedure | Samsung | revised |  | S6-211005 |
| S6-210791 | pCR on 5GMARCH Information Elements | one2many B.V. | revised | S6-210387 | S6-211063 |
| S6-210792 | Update to GMS APIs | TD Tech Ltd | revised |  | S6-211001 |
| S6-210793 | Pseudo-CR on Signalling of supported ACR scenarios | Apple GmbH | revised |  | S6-210951 |
| S6-210794 | Solution evaluation - Functional architecture | BDBOS, Nokia, Nokia Shanghai Bell | Approved |  |  |
| S6-210795 | Solution evaluation – Location information | BDBOS, Nokia, Nokia Shanghai Bell | revised |  | S6-210972 |
| S6-210796 | Clarification to location information cancel subscription | BDBOS | revised | S6-201539 | S6-210973 |
| S6-210797 | Discussion paper on application enablement of subscriber-aware northbound API access | NTT DOCOMO INC. | noted |  |  |
| S6-210798 | Study on application enablement of subscriber-aware northbound API access | NTT DOCOMO INC. | revised | S6-210698 | S6-211078 |
| S6-210799 | Description of service areas | NTT DOCOMO INC. | revised |  | S6-211079 |
| S6-210800 | Editorial changes | NTT DOCOMO INC. | Approved |  |  |
| S6-210801 | Update to Intergration with Operation Technologies | NTT DOCOMO INC. | revised |  | S6-211080 |
| S6-210802 | Pseudo-CR on correction of references | InterDigital | Approved |  |  |
| S6-210803 | Configuration of MC service UE label | BDBOS | revised |  | S6-211048 |
| S6-210804 | Messaging Topic Subscription | one2many B.V. | revised |  | S6-211064 |
| S6-210805 | E3 exposure context transfer | Ericsson | revised |  | S6-211051 |
| S6-210806 | EEC registration clarification | Ericsson | revised |  | S6-211054 |
| S6-210807 | Complete EAS discovery description | Ericsson | revised |  | S6-211055 |
| S6-210808 | Editorial change for EES service area | Ericsson | revised |  | S6-211056 |
| S6-210809 | Monitored EES in ECS | Ericsson | revised |  | S6-211057 |
| S6-210810 | Optional T-EES in target info notification | Ericsson | merged |  | S6-210778 |
| S6-210811 | Selected T-EAS notification | Ericsson | revised |  | S6-211058 |
| S6-210812 | Solve DNAI EN | Ericsson | revised |  | S6-211059 |
| S6-210813 | evaluation of solution 28 and remove EN in architecture | China Mobile Com. Corporation | Agreed |  |  |
| S6-210814 | Pesudo-CR MSGin5G identities | China Mobile Com. Corporation | revised |  | S6-210984 |
| S6-210815 | Pesudo-CR on MGSin5G UE configuration (TS) | China Mobile Com. Corporation | revised |  | S6-210985 |
| S6-210816 | Pesudo-CR on Non-MGSin5G UE configuration (TS) | China Mobile Com. Corporation | revised |  | S6-210986 |
| S6-210817 | Pesudo-CR on architecture updates based on configuration (TS) | China Mobile Com. Corporation | revised |  | S6-210987 |
| S6-210818 | non-MSGin5G message delivery status report | China Mobile Com. Corporation | revised |  | S6-210988 |
| S6-210819 | 5GMARCH Message Delivery API | HUAWEI Technologies Japan K.K. | postponed |  |  |
| S6-210820 | remove EN addressing Application Client ID | China Mobile Com. Corporation | revised |  | S6-210989 |
| S6-210821 | 5GMARCH AS Registration API | HUAWEI Technologies Japan K.K. | postponed |  |  |
| S6-210822 | 5GMARCH capability exposure using CAPIF | HUAWEI Technologies Japan K.K. | Approved |  |  |
| S6-210823 | 5GMARCH Message delivery between UEs in different PLMNs | HUAWEI Technologies Japan K.K. | revised |  | S6-210967 |
| S6-210824 | MCData file download including request of network resources with required QoS | Ericsson | revised |  | S6-210961 |
| S6-210825 | Enhancement and corrections to Group FD using HTTP | Ericsson | revised |  | S6-210962 |
| S6-210826 | 5GMARCH corrections on the combined message delivery procedure | HUAWEI Technologies Japan K.K. | revised |  | S6-210968 |
| S6-210827 | 5GMARCH corrections on the clause level of Message Aggregation | HUAWEI Technologies Japan K.K. | Approved |  |  |
| S6-210828 | Enhancement and corrections to one-to-one FD using HTTP | Ericsson | revised |  | S6-210963 |
| S6-210829 | 5GMARCH Message delivery between MSGin5G Server and MSGin5G Client | HUAWEI Technologies Japan K.K. | postponed |  |  |
| S6-210830 | 5GMARCH Message delivery between MSGin5G server and Legacy 3GPP UE | HUAWEI Technologies Japan K.K. | postponed |  |  |
| S6-210831 | 5GMARCH Message delivery between MSGin5G server and Non-3GPP UE | HUAWEI Technologies Japan K.K. | postponed |  |  |
| S6-210832 | 5GMARCH Message delivery between MSGin5G Server and Application Server | HUAWEI Technologies Japan K.K. | postponed |  |  |
| S6-210833 | LS/r on draft Recommendation ITU-T Q.Sig\_Req\_ETS\_IMS\_roaming “Signalling requirements for emergency telecommunication service in IMS roaming environment” (3GPP TSG SA2-S2-210310) | ITU-T SG11 | withdrawn |  |  |
| S6-210834 | Architecture - modification to SBA figure | Intel Deutschland GmbH, Samsung, Convida Wireless, AT&T, Verizon, Qualcomm, InterDigital, Apple, Deutsche Telekom, Ericsson, Softil | revised |  | S6-210964 |
| S6-210835 | 5GMARCH E2E Message delivery procedures (P2P) | HUAWEI Technologies Japan K.K. | revised |  | S6-210969 |
| S6-210836 | 5GMARCH E2E Message delivery procedures (A2P) | HUAWEI Technologies Japan K.K. | merged |  | S6-210835 |
| S6-210837 | 5GMARCH E2E Message delivery procedures (P2A) | HUAWEI Technologies Japan K.K. | merged |  | S6-210835 |
| S6-210838 | Procedures for UAV Location Deviation Tracking | InterDigital | merged |  | S6-210869 |
| S6-210839 | Enhancement for UAV Location Deviation Monitoring | InterDigital | merged |  | S6-210862 |
| S6-210840 | Update of Solution #10 | Ericsson LM | revised |  | S6-210990 |
| S6-210841 | Update of Solution #22 | Ericsson LM | Approved |  |  |
| S6-210842 | Overall evaluation of solutions for KI#5 | Ericsson LM | revised |  | S6-210991 |
| S6-210843 | Overall evaluation of solutions for KI#8 | Ericsson LM | revised |  | S6-210992 |
| S6-210844 | SEAL support for CoAP | Ericsson LM | revised |  | S6-210993 |
| S6-210845 | Resolve EN for group management | Ericsson LM | revised |  | S6-211086 |
| S6-210846 | Discussion for new work on location service | CATT | noted |  |  |
| S6-210847 | New SID on study on 5G-enabled fused location service capability exposure | CATT | revised |  | S6-210975 |
| S6-210848 | Pseudo-CR on support of AF session with required QoS | CATT | postponed |  |  |
| S6-210849 | Resolving the EN for network monitoring procedure | CATT | postponed |  |  |
| S6-210850 | Editorial changes for references | CATT | withdrawn |  |  |
| S6-210851 | Editorial changes for references | CATT | Agreed |  |  |
| S6-210852 | V2X UE identity | CATT | Agreed |  |  |
| S6-210853 | Coordinated QoS/resource management for network-assisted UE-to-UE communications | Lenovo, Motorola Mobility | revised |  | S6-211075 |
| S6-210854 | V2X UE identity | CATT | postponed |  |  |
| S6-210855 | Network Slice Capability Management functional model | Lenovo, Motorola Mobility | revised | S6-210473 | S6-211076 |
| S6-210856 | Support for dynamic C2 mode switching | Lenovo, Motorola Mobility | merged |  | S6-210768 |
| S6-210857 | Support for power efficient V2P communications | Lenovo, Motorola Mobility | noted |  |  |
| S6-210858 | Pseudo-CR on removing duplicated tables on EAS Discovery Request | InterDigital | revised |  | S6-211006 |
| S6-210859 | Pseudo-CR on split of IE for “T-EAS profile and T-EES profile” | InterDigital | merged |  | S6-210877 |
| S6-210860 | eSEAL-Group\_Fetch | Samsung | revised |  | S6-211065 |
| S6-210861 | eSEAL-Group\_Management\_Enhancements | Samsung | revised |  | S6-211066 |
| S6-210862 | eSEAL-Location Deviation | Samsung | revised |  | S6-211067 |
| S6-210863 | eSEAL-Event Monitoring | Samsung | revised |  | S6-211068 |
| S6-210864 | eSEAL\_Off-network\_Location\_Management | Samsung | revised | S6-210595 | S6-211069 |
| S6-210865 | FS\_FFAPP-conclusion\_for\_Solution\_24 | Samsung | approved |  | - |
| S6-210866 | 5GMARCH-Architecture updates | Samsung | merged |  | S6-210817 |
| S6-210867 | 5GMARCH-Group\_Messaging | Samsung | revised |  | S6-211071 |
| S6-210868 | 5GMARCH-Segmentation | Samsung | revised |  | S6-211072 |
| S6-210869 | UASAPP-Location Deviation | Samsung | revised |  | S6-211073 |
| S6-210870 | UASAPP-Event Monitoring | Samsung | revised |  | S6-211074 |
| S6-210871 | Reply LS on Edge computing definition and integration | Samsung | revised |  | S6-210976 |
| S6-210872 | Reference corrections | Samsung | Approved |  |  |
| S6-210873 | Topological Service Area | Samsung | revised |  | S6-210979 |
| S6-210874 | Avoid repetition of EDN info | Samsung | revised |  | S6-210980 |
| S6-210875 | EEC context continuity feedback | Samsung | revised |  | S6-210981 |
| S6-210876 | AC information API | Samsung | revised |  | S6-210982 |
| S6-210877 | Target information notification during ACR | Samsung | revised |  | S6-210983 |
| S6-210878 | Corrections to the SBA representation of the architecture | Huawei, Hisilicon, China Telecom | revised |  | S6-211009 |
| S6-210879 | Discussion paper on service continuity planning in ACR | Huawei, Hisilicon | noted |  |  |
| S6-210880 | Resolve the EN and add the definition of service continuity planning for ACR | Huawei, Hisilicon | merged |  | S6-210935 |
| S6-210881 | Update in ACR scenarios when used for service continuity planning | Huawei, Hisilicon | revised |  | S6-211010 |
| S6-210882 | Editorial cleanup and correction on ACR | Huawei, Hisilicon | Approved |  |  |
| S6-210883 | Use of ACT completion time | Huawei, Hisilicon | revised |  | S6-211011 |
| S6-210884 | Adding AC profile on EEC registration update | Huawei, Hisilicon | approved |  |  |
| S6-210885 | Adding the being selected as T-EAS to the ACR management procedure | Huawei, Hisilicon | revised |  | S6-211012 |
| S6-210886 | Alignment on UE location for EAS discovery procedure | Huawei, Hisilicon | revised |  | S6-211013 |
| S6-210887 | Clarification on dynamic EAS instantiation | Huawei, Hisilicon | revised |  | S6-211014 |
| S6-210888 | Clarification on ECS subscribing the UPPM events using the DNN/Slice of the EES(s) | Huawei, Hisilicon | revised |  | S6-211015 |
| S6-210889 | Clarification on EEC context | Huawei, Hisilicon | merged |  | S6-210936 |
| S6-210890 | Clarification on Retrieve EES response | Huawei, Hisilicon | revised |  | S6-211016 |
| S6-210891 | Clarification on the determined EES in service provisioning procedure | Huawei, Hisilicon | revised |  | S6-211017 |
| S6-210892 | Coordination the relocation of EEC context and application context via S-EES | Huawei, Hisilicon | postponed |  |  |
| S6-210893 | Coordination the relocation of EEC context and application context via T-EES | Huawei, Hisilicon | postponed |  |  |
| S6-210894 | Correction on S-EES executed ACR for automated ACR | Huawei, Hisilicon | revised |  | S6-211018 |
| S6-210895 | Enhancement on re-selection of T-EES or T-EAS after ACR failure | Huawei, Hisilicon | postponed |  |  |
| S6-210896 | Enhancement to the ACR management procedure | Huawei, Hisilicon | revised |  | S6-211019 |
| S6-210897 | Improvement of service provisioning response for EEC selecting EES | Huawei, Hisilicon | revised |  | S6-211020 |
| S6-210898 | Negotiation of notification mode between EEC and EES/ECS | Huawei, Hisilicon | revised |  | S6-211021 |
| S6-210899 | Restructuring the IE of EAS discovery subscription request with event ID | Huawei, Hisilicon | revised |  | S6-211022 |
| S6-210900 | Solving EN on ACR failure | Huawei, Hisilicon | revised |  | S6-211023 |
| S6-210901 | Clarification on security for preconfigured regroup | Huawei, Hisilicon | postponed |  |  |
| S6-210902 | Clarification on security for preconfigured regroup | Huawei, Hisilicon | postponed |  |  |
| S6-210903 | Correction to MCData-5 reference point description | Huawei, Hisilicon | revised |  | S6-211024 |
| S6-210904 | Correction to MCPTT-5 reference point description | Huawei, Hisilicon | Agreed |  |  |
| S6-210905 | Correction to MCVideo-5 reference point description | Huawei, Hisilicon | Agreed |  |  |
| S6-210906 | LS on Security solution for preconfigured regroup and regroup call | Huawei, Hisilicon | postponed |  |  |
| S6-210907 | New solution to key issue#3 on application layer architecture over 5G MBS | Huawei, Hisilicon | revised |  | S6-211025 |
| S6-210908 | New solution to key issue#3 on Data delivery | Huawei, Hisilicon | revised |  | S6-211026 |
| S6-210909 | New solution to key issue#3 on service continuity asepcts | Huawei, Hisilicon | revised |  | S6-211027 |
| S6-210910 | New solution to key issue#3 on use of multicast and broadcast MBS session | Huawei, Hisilicon | revised |  | S6-211028 |
| S6-210911 | Update key issue#3 on 5G Multicast service and 5G Broadcast service | Huawei, Hisilicon | merged |  | S6-210914 |
| S6-210912 | Update key issue#3 on 5G MBS architecture and features for MC service | Huawei, Hisilicon | merged |  | S6-210914 |
| S6-210913 | Update key issue#3 on Data delivery for MC service | Huawei, Hisilicon | merged |  | S6-210914 |
| S6-210914 | Update key issue#3 on general aspects | Huawei, Hisilicon | revised |  | S6-211029 |
| S6-210915 | Update key issue#3 on service continuity | Huawei, Hisilicon | merged |  | S6-210914 |
| S6-210916 | Requirements for Location management service | Huawei, Hisilicon | revised |  | S6-211030 |
| S6-210917 | Update to Architecture Overall Evaluation | Huawei, Hisilicon | revised |  | S6-211031 |
| S6-210918 | Update to solution#2 and its evaluation | Huawei, Hisilicon | revised |  | S6-211032 |
| S6-210919 | Overall evaluation of key issue#8 | Huawei, Hisilicon | merged |  | S6-210843 |
| S6-210920 | Update to scope and introduction | Huawei, Hisilicon | revised |  | S6-211033 |
| S6-210921 | Supplementary location information to verticals | Huawei, Hisilicon | agreed |  |  |
| S6-210922 | Utilization of SEAL LMS services | Huawei, Hisilicon | revised |  | S6-211034 |
| S6-210923 | Support for edge deployments | Huawei, Hisilicon | revised |  | S6-211035 |
| S6-210924 | Resolving editor notes in session oriented services | Huawei, Hisilicon | Agreed |  |  |
| S6-210925 | Editorial corrections for HDMap feature | Huawei, Hisilicon | revised |  | S6-211036 |
| S6-210926 | Information flows and API definitions for session-oriented service | Huawei, Hisilicon | revised |  | S6-211037 |
| S6-210927 | Requirements for message distribution | Huawei, Hisilicon | revised |  | S6-211038 |
| S6-210928 | Alignment of Get V2X UE service discovery response with request | Huawei, Hisilicon | revised |  | S6-211039 |
| S6-210929 | Alignment of information flows for local service information | Huawei, Hisilicon | revised |  | S6-211040 |
| S6-210930 | 5GMARCH store and forward | Convida Wireless LLC | revised |  | S6-211041 |
| S6-210931 | 5GMARCH UE reachability | Convida Wireless LLC | revised |  | S6-211042 |
| S6-210932 | 5GMARCH triggering | Convida Wireless LLC | revised |  | S6-211043 |
| S6-210933 | ACR information notification correction  | Convida Wireless LLC | merged |  | S6-210877 |
| S6-210934 | S-EAS decided ACR corrections and clarifications | Convida Wireless LLC | merged |  | S6-210778 |
| S6-210935 | Service continuity planning clarifications | Convida Wireless LLC | revised |  | S6-211045 |
| S6-210936 | Unified EEC context | Convida Wireless LLC | revised |  | S6-211046 |
| S6-210937 | Unified Context relocation in ACR | Convida Wireless LLC | revised |  | S6-211047 |
| S6-210938 | Network Exposure for IoT Platforms discussion | Convida Wireless LLC | revised |  | S6-210944 |
| S6-210939 | New SID on Network Exposure for IoT Platforms | Convida Wireless LLC | revised |  | S6-210945 |
| S6-210940 | LS/r on draft Recommendation ITU-T Q.Sig\_Req\_ETS\_IMS\_roaming “Signalling requirements for emergency telecommunication service in IMS roaming environment” (3GPP TSG SA2-S2-210310) | ITU-T SG11 | noted |  |  |
| S6-210941 | Reply LS on IP address to GPSI translation | SA2 | replied to |  |  |
| S6-210942 | LS on migration from ETSI forge to 3GPP forge | CT4 | noted |  |  |
| S6-210943 | Reply LS on initiation of new work item Q.Sig\_Req\_ETS\_IMS\_roaming “Signalling requirements for emergency telecommunication service in IMS roaming environment” | SA2 | noted |  |  |
| S6-210944 | Network Exposure for IoT Platforms discussion | Convida Wireless | noted | S6-210938 |  |
| S6-210945 | New SID on Network Exposure for IoT Platforms | Convida Wireless | revised | S6-210939 | S6-211044 |
| S6-210946 | Reply LS on IP address to GPSI translation | Samsung | revised | - | S6-210977 |
| S6-210947 | LS on 3GPP Edge Computing coordination | Samsung | revised | - | S6-210978 |
| S6-210948 | Discussion on S-EAS decided scenario and sub-case | Convida Wireless | noted | - | - |
| S6-210949 | Architecture updates to EDGEAPP SBA – Compromise OPTION 1 | SA6 chair | noted | - | - |
| S6-210950 | Architecture updates to EDGEAPP SBA – Compromise OPTION 2 | SA6 chair | noted | - | - |
| S6-210951 | Pseudo-CR on Signalling of supported ACR scenarios | Apple GmbH | revised | S6-210793 | S6-211114 |
| S6-210952 | Pseudo-CR on 5GS non-direct interfacing of MC services | Union Inter. Chemins de Fer, CATT | Approved | S6-210770 | - |
| S6-210953 | Peudo-CR on migration using public 5GS networks and/or non-public 5GS networks | Union Inter. Chemins de Fer, Nokia, Nokia Shanghai Bell | Approved | S6-210771 | - |
| S6-210954 | Pseudo-CR on Business relationship for public and non-public networks | Union Inter. Chemins de Fer, Nokia, Nokia Shanghai Bell | Approved | S6-210774 | - |
| S6-210955 | Corrections related to ACR Information notification | Apple | Approved | S6-210778 | - |
| S6-210956 | Deletion of duplicate service continuity support parameter | Apple | Approved | S6-210780 | - |
| S6-210957 | Migration to another MC system during an ongoing group communication | Nokia, Nokia Shanghai Bell, BDBOS, UIC | Approved | S6-210773 | - |
| S6-210958 | Migration to another MC system during an ongoing private communication | Nokia, Nokia Shanghai Bell, UIC | Approved | S6-210775 | - |
| S6-210959 | Corrections and enhancements to the Notification procedures | AT&T GNS Belgium SPRL | Agreed | S6-210781 | - |
| S6-210960 | SA6 future meetings (2022-2023) | SA6 Chair | Agreed | S6-210777 | - |
| S6-210961 | MCData file download including request of network resources with required QoS | Ericsson | Agreed | S6-210824 | - |
| S6-210962 | Enhancement and corrections to Group FD using HTTP | Ericsson | Agreed | S6-210825 | - |
| S6-210963 | Enhancement and corrections to one-to-one FD using HTTP | Ericsson | Agreed | S6-210828 | - |
| S6-210964 | Architecture - modification to SBA figure | Intel Deutschland GmbH, Samsung, Convida Wireless, AT&T, Verizon, Qualcomm, InterDigital, Apple, Deutsche Telekom, Ericsson, Softil | revised | S6-210834 | S6-210974 |
| S6-210965 | Aggregated notifications and reports | AT&T | revised | S6-210754 | S6-211083 |
| S6-210966 | Correct misuse of the term "transmission control" | AT&T | Agreed | S6-210757 | - |
| S6-210967 | 5GMARCH Message delivery between UEs in different PLMNs | HUAWEI Technologies Japan K.K. | revised | S6-210823 | S6-211097 |
| S6-210968 | 5GMARCH corrections on the combined message delivery procedure | HUAWEI Technologies Japan K.K. | revised | S6-210826 | S6-211092 |
| S6-210969 | 5GMARCH E2E Message delivery procedures (P2P) | HUAWEI Technologies Japan K.K. | Approved | S6-210835 | - |
| S6-210970 | Remove 3.2 Symbols | ZTE Corporation | Approved | S6-210759 | - |
| S6-210971 | Remove EN in key issue 5 | ZTE Corporation | Approved | S6-210782 | - |
| S6-210972 | Solution evaluation – Location information | BDBOS, Nokia, Nokia Shanghai Bell | Approved | S6-210795 | - |
| S6-210973 | Clarification to location information cancel subscription | BDBOS | Agreed | S6-210796 | - |
| S6-210974 | Architecture - modification to SBA figure | Intel Deutschland GmbH, Samsung, Convida Wireless, AT&T, Verizon, Qualcomm, InterDigital, Apple, Deutsche Telekom, Ericsson, Softil | merged | S6-210964 | S6-211108 |
| S6-210975 | New SID on study on 5G-enabled fused location service capability exposure | CATT | postponed | S6-210847 | - |
| S6-210976 | Reply LS on Edge computing definition and integration | SA6 | Approved | S6-210871 | - |
| S6-210977 | Reply LS on IP address to GPSI translation | SA6 | revised | S6-210946 | S6-211082 |
| S6-210978 | 3GPP Edge Computing coordination | SA6 | Approved | S6-210947 | - |
| S6-210979 | Topological Service Area | Samsung,Ericsson | revised | S6-210873 | S6-211110 |
| S6-210980 | Avoid repetition of EDN info | Samsung | Approved | S6-210874 | - |
| S6-210981 | EEC context continuity feedback | Samsung | postponed | S6-210875 | - |
| S6-210982 | AC information API | Samsung | Approved | S6-210876 | - |
| S6-210983 | Target information notification during ACR | Samsung, InterDigital, Ericsson, Convida | Approved | S6-210877 | - |
| S6-210984 | Pesudo-CR MSGin5G identities | China Mobile Com. Corporation | revised | S6-210814 | S6-211088 |
| S6-210985 | Pesudo-CR on MGSin5G UE configuration (TS) | China Mobile Com. Corporation | revised | S6-210815 | S6-211094 |
| S6-210986 | Pesudo-CR on Non-MGSin5G UE configuration (TS) | China Mobile Com. Corporation | revised | S6-210816 | S6-211095 |
| S6-210987 | Pesudo-CR on architecture updates based on configuration (TS) | China Mobile Com. Corporation | revised | S6-210817 | S6-211049 |
| S6-210988 | non-MSGin5G message delivery status report | China Mobile Com. Corporation | Approved | S6-210818 | - |
| S6-210989 | remove EN addressing Application Client ID | China Mobile Com. Corporation | Approved | S6-210820 | - |
| S6-210990 | Update of Solution #10 | Ericsson LM | Approved | S6-210840 | - |
| S6-210991 | Overall evaluation of solutions for KI#5 | Ericsson LM | Approved | S6-210842 | - |
| S6-210992 | Overall evaluation of solutions for KI#8 | Ericsson LM | Approved | S6-210843 | - |
| S6-210993 | SEAL support for CoAP | Ericsson LM | revised | S6-210844 | S6-211084 |
| S6-210994 | Procedure for UAV and UAV-C Pairing and C2 QoS Provisioning using Grouping ID | Tencent | revised | S6-210749 | S6-211100 |
| S6-210995 | Location report timestamp support | Tencent | agreed | S6-210751 | - |
| S6-210996 | Procedure for Real-Time UAV Connection Status Monitoring and Location Reporting | Tencent | revised | S6-210750 | S6-211105 |
| S6-210997 | Procedure for UAS media session management | Tencent | postponed | S6-210747 | - |
| S6-210998 | Unicast SDP/SIP session establishment support | Tencent | postponed | S6-210748 | - |
| S6-210999 | Network resource management service of SEAL for V2X application | China Mobile Com. Corporation | withdrawn | - | - |
| S6-211000 | Network resource management service of SEAL for V2X application | China Mobile Com. Corporation | revised | S6-210756 | S6-211107 |
| S6-211001 | Update to GMS APIs | TD Tech Ltd | revised | S6-210792 | S6-211085 |
| S6-211002 | Update on Retrieve EES request and response messages | Samsung | approved | S6-210787 | - |
| S6-211003 | Update on ACR management events API | Samsung | postponed | S6-210788 | - |
| S6-211004 | Automated ACR information procedure | Samsung | postponed | S6-210789 | - |
| S6-211005 | Update on ACR initiation procedure | Samsung | Approved | S6-210790 | - |
| S6-211006 | Pseudo-CR on removing duplicated tables on EAS Discovery Request | InterDigital | revised | S6-210858 | S6-211113 |
| S6-211007 | Procedures for C2 communication mode switching | InterDigital, Lenovo, Motorola Mobility | revised | S6-210768 | S6-211101 |
| S6-211008 | Requirements for C2 communication mode switching | InterDigital | Approved | S6-210769 | - |
| S6-211009 | Corrections to the SBA representation of the architecture | Huawei, Hisilicon, China Telecom | revised | S6-210878 | S6-211108 |
| S6-211010 | Update in ACR scenarios when used for service continuity planning | Huawei, Hisilicon | revised | S6-210881 | S6-211115 |
| S6-211011 | Use of ACT completion time | Huawei, Hisilicon | postponed | S6-210883 | - |
| S6-211012 | Adding the being selected as T-EAS to the ACR management procedure | Huawei, Hisilicon | postponed | S6-210885 | - |
| S6-211013 | Alignment on UE location for EAS discovery procedure | Huawei, Hisilicon | Approved | S6-210886 | - |
| S6-211014 | Clarification on dynamic EAS instantiation | Huawei, Hisilicon | revised | S6-210887 | S6-211117 |
| S6-211015 | Clarification on ECS subscribing the UPPM events using the DNN/Slice of the EES(s) | Huawei, Hisilicon | postponed | S6-210888 | - |
| S6-211016 | Clarification on Retrieve EES response | Huawei, Hisilicon | merged | S6-210890 | S6-211002 |
| S6-211017 | Clarification on the determined EES in service provisioning procedure | Huawei, Hisilicon | noted | S6-210891 | - |
| S6-211018 | Correction on S-EES executed ACR for automated ACR | Huawei, Hisilicon | Approved | S6-210894 | - |
| S6-211019 | Enhancement to the ACR management procedure | Huawei, Hisilicon | postponed | S6-210896 | - |
| S6-211020 | Improvement of service provisioning response for EEC selecting EES | Huawei, Hisilicon | postponed | S6-210897 | - |
| S6-211021 | Negotiation of notification mode between EEC and EES/ECS | Huawei, Hisilicon | postponed | S6-210898 | - |
| S6-211022 | Restructuring the IE of EAS discovery subscription request with event ID | Huawei, Hisilicon | Approved | S6-210899 | - |
| S6-211023 | Solving EN on ACR failure | Huawei, Hisilicon | postponed | S6-210900 | - |
| S6-211024 | Correction to MCData-5 reference point description | Huawei, Hisilicon | Agreed | S6-210903 | - |
| S6-211025 | New solution to key issue#3 on application layer architecture over 5G MBS | Huawei, Hisilicon | Approved | S6-210907 | - |
| S6-211026 | New solution to key issue#3 on Data delivery | Huawei, Hisilicon | postponed | S6-210908 | - |
| S6-211027 | New solution to key issue#3 on service continuity asepcts | Huawei, Hisilicon | postponed | S6-210909 | - |
| S6-211028 | New solution to key issue#3 on use of multicast and broadcast MBS session | Huawei, Hisilicon | postponed | S6-210910 | - |
| S6-211029 | Update key issue#3 on general aspects | Huawei, Hisilicon | approved | S6-210914 | - |
| S6-211030 | Requirements for Location management service | Huawei, Hisilicon | Agreed | S6-210916 | - |
| S6-211031 | Update to Architecture Overall Evaluation | Huawei, Hisilicon | Approved | S6-210917 | - |
| S6-211032 | Update to solution#2 and its evaluation | Huawei, Hisilicon | Approved | S6-210918 | - |
| S6-211033 | Update to scope and introduction | Huawei, Hisilicon | revised | S6-210920 | S6-211099 |
| S6-211034 | Utilization of SEAL LMS services | Huawei, Hisilicon | revised | S6-210922 | S6-211104 |
| S6-211035 | Support for edge deployments | Huawei, Hisilicon | Approved | S6-210923 | - |
| S6-211036 | Editorial corrections for HDMap feature | Huawei, Hisilicon | Agreed | S6-210925 | - |
| S6-211037 | Information flows and API definitions for session-oriented service | Huawei, Hisilicon | Agreed | S6-210926 | - |
| S6-211038 | Requirements for message distribution | Huawei, Hisilicon | Agreed | S6-210927 | - |
| S6-211039 | Alignment of Get V2X UE service discovery response with request | Huawei, Hisilicon | Agreed | S6-210928 | - |
| S6-211040 | Alignment of information flows for local service information | Huawei, Hisilicon | Agreed | S6-210929 | - |
| S6-211041 | 5GMARCH store and forward | Convida Wireless LLC | postponed | S6-210930 | - |
| S6-211042 | 5GMARCH UE reachability | Convida Wireless LLC | Approved | S6-210931 | - |
| S6-211043 | 5GMARCH triggering | Convida Wireless LLC | Approved | S6-210932 | - |
| S6-211044 | New SID on Network Exposure for IoT Platforms | Convida Wireless | postponed | S6-210945 | - |
| S6-211045 | Service continuity planning clarifications | Convida Wireless LLC | revised | S6-210935 | S6-211116 |
| S6-211046 | Unified EEC context | Convida Wireless LLC | revised | S6-210936 | S6-211112 |
| S6-211047 | Unified Context relocation in ACR | Convida Wireless LLC | postponed | S6-210937 | - |
| S6-211048 | Configuration of MC service UE label | BDBOS | postponed | S6-210803 | - |
| S6-211049 | Pesudo-CR on architecture updates based on configuration (TS) | China Mobile Com. Corporation | revised | S6-210987 | S6-211089 |
| S6-211050 | Update for ECS configuration information | China Mobile Com. Corporation | revised | S6-210767 | S6-211109 |
| S6-211051 | E3 exposure context transfer | Ericsson | postponed | S6-210805 | - |
| S6-211052 | Delete the EN about ECS configuration information provisioning | China Mobile Com. Corporation | Approved | S6-210766 | - |
| S6-211053 | EES traffic influence at ECS | China Mobile Com. Corporation | revised | S6-210765 | S6-211111 |
| S6-211054 | EEC registration clarification | Ericsson | approved | S6-210806 | - |
| S6-211055 | Complete EAS discovery description | Ericsson | Approved | S6-210807 | - |
| S6-211056 | Editorial change for EES service area | Ericsson | Approved | S6-210808 | - |
| S6-211057 | Monitored EES in ECS | Ericsson | postponed | S6-210809 | - |
| S6-211058 | Selected T-EAS notification | Ericsson | postponed | S6-210811 | - |
| S6-211059 | Solve DNAI EN | Ericsson | postponed | S6-210812 | - |
| S6-211060 | Pseudo-CR on Generic description of the MSGin5G Service | one2many B.V. | revised | S6-210745 | S6-211090 |
| S6-211061 | Updates to Definitions | one2many B.V. | revised | S6-210746 | S6-211087 |
| S6-211062 | Addressing multiple Application Clients in a UE | one2many B.V. | revised | S6-210779 | S6-211091 |
| S6-211063 | pCR on 5GMARCH Information Elements | one2many B.V. | revised | S6-210791 | S6-211098 |
| S6-211064 | Messaging Topic Subscription | one2many B.V. | revised | S6-210804 | S6-211093 |
| S6-211065 | eSEAL-Group\_Fetch | Samsung | Agreed | S6-210860 | - |
| S6-211066 | eSEAL-Group\_Management\_Enhancements | Samsung | Agreed | S6-210861 | - |
| S6-211067 | eSEAL-Location Deviation | Samsung | agreed | S6-210862 | - |
| S6-211068 | eSEAL-Event Monitoring | Samsung | agreed | S6-210863 | - |
| S6-211069 | eSEAL\_Off-network\_Location\_Management | Samsung | Agreed | S6-210864 | - |
| S6-211070 | FS\_FFAPP-conclusion\_for\_Solution\_24 | Samsung | noted | - | - |
| S6-211071 | 5GMARCH-Group\_Messaging | Samsung | Approved | S6-210867 | - |
| S6-211072 | 5GMARCH-Segmentation | Samsung | revised | S6-210868 | S6-211096 |
| S6-211073 | UASAPP-Location Deviation | Samsung | revised | S6-210869 | S6-211102 |
| S6-211074 | UASAPP-Event Monitoring | Samsung | revised | S6-210870 | S6-211103 |
| S6-211075 | Coordinated QoS/resource management for network-assisted UE-to-UE communications | Lenovo, Motorola Mobility | Agreed | S6-210853 | - |
| S6-211076 | Network Slice Capability Management functional model | Lenovo, Motorola Mobility | Agreed | S6-210855 | - |
| S6-211077 | FFAPP Solution 1 diagram clarification | HUAWEI TECHNOLOGIES Co. Ltd. | Approved | S6-210762 | - |
| S6-211078 | Study on application enablement of subscriber-aware northbound API access | NTT DOCOMO INC. | revised | S6-210798 | S6-211106 |
| S6-211079 | Description of service areas | NTT DOCOMO INC. | Approved | S6-210799 | - |
| S6-211080 | Update to Intergration with Operation Technologies | NTT DOCOMO INC. | Approved | S6-210801 | - |
| S6-211081 | SA6#42-BIS-e Work Plan Review | SA6 chair | noted | - | - |
| S6-211082 | Reply LS on IP address to GPSI translation | SA6 | approved | S6-210977 | - |
| S6-211083 | Aggregated notifications and reports | AT&T | agreed | S6-210965 | - |
| S6-211084 | SEAL support for CoAP | Ericsson | agreed | S6-210993 | - |
| S6-211085 | Update to GMS APIs | TD Tech Ltd | agreed | S6-211001 | - |
| S6-211086 | Resolve EN for group management | Ericsson | agreed | S6-210845 | - |
| S6-211087 | Updates to Definitions | one2many B.V. | approved | S6-211061 | - |
| S6-211088 | Pesudo-CR MSGin5G identities | China Mobile | approved | S6-210984 | - |
| S6-211089 | Pesudo-CR on architecture updates based on configuration (TS) | China Mobile, Samsung | approved | S6-211049 | - |
| S6-211090 | Pseudo-CR on Generic description of the MSGin5G Service | one2many B.V. | approved | S6-211060 | - |
| S6-211091 | Pseudo-CR on addressing multiple Application Clients in a UE | one2many B.V. | approved | S6-211062 | - |
| S6-211092 | 5GMARCH corrections on the combined message delivery procedure | Huawei, Hisilicon | approved | S6-210968 | - |
| S6-211093 | Pseudo-CR on Messaging Topic Subscription | one2many B.V. | approved | S6-211064 | - |
| S6-211094 | Pseudo-CR on MSGin5G UE Configuration | China Mobile | approved | S6-210985 | - |
| S6-211095 | Pseudo-CR on Non-MSGin5G UE Configuration | China Mobile | approved | S6-210986 | - |
| S6-211096 | Pseudo-CR on Segmentation and Reassembly | Samsung, Convida | approved | S6-211072 | - |
| S6-211097 | 5GMARCH Message delivery between UEs in different PLMNs | Huawei, Hisilicon | approved | S6-210967 | - |
| S6-211098 | Pseudo-CR on 5GMARCH Information Elements | one2many B.V. | approved | S6-211063 | - |
| S6-211099 | Update to scope and introduction | Huawei, Hisilicon | approved | S6-211033 | - |
| S6-211100 | Procedure for UAV and UAV-C Pairing and C2 QoS Provisioning using Group ID | Tencent | approved | S6-210994 | - |
| S6-211101 | Procedures for C2 communication mode switching | InterDigital, Lenovo, Motorola Mobility | approved | S6-211007 | - |
| S6-211102 | Pseudo-CR on Location Deviation | Samsung, InterDigital | approved | S6-211073 | - |
| S6-211103 | Pseudo-CR on Events Reporting | Samsung | approved | S6-211074 | - |
| S6-211104 | Utilization of SEAL | Huawei, Hisilicon, Samsung, InterDigital | approved | S6-211034 | - |
| S6-211105 | Procedure for Real-Time UAV Connection Status Monitoring and Location Reporting | Tencent | approved | S6-210996 | - |
| S6-211106 | New SID on study on application enablement aspects for subscriber-aware northbound API access | NTT DOCOMO INC. | agreed | S6-211078 | - |
| S6-211107 | Network resource management service of SEAL for V2X application | China Mobile Com. Corporation | agreed | S6-211000 | - |
| S6-211108 | Corrections to the SBA representation of the architecture | Huawei, Hisilicon, China Telecom, Intel, Samsung, Convida Wireless, AT&T, Verizon, Qualcomm, InterDigital, Apple, Deutsche Telekom, Ericsson, Softil, ETRI, Motorola Solutions, L3Harris | approved | S6-211009 | - |
| S6-211109 | Update for ECS configuration information | China Mobile Com. Corporation | approved | S6-211050 | - |
| S6-211110 | Pseudo-CR on Topological Service Area | Samsung, Ericsson | approved | S6-210979 | - |
| S6-211111 | EES traffic influence at ECS | China Mobile Com. Corporation | approved | S6-211053 | - |
| S6-211112 | Unified EEC context | Convida Wireless LLC | revised | S6-211046 | S6-211118 |
| S6-211113 | Pseudo-CR on removing duplicated tables on EAS Discovery Request | InterDigital | approved | S6-211006 | - |
| S6-211114 | Pseudo-CR on Signalling of supported ACR scenarios | Apple | approved | S6-210951 | - |
| S6-211115 | Update in ACR scenarios when used for service continuity planning | Huawei, HiSilicon, Samsung | approved | S6-211010 | - |
| S6-211116 | Service continuity planning clarifications | Convida Wireless LLC | approved | S6-211045 | - |
| S6-211117 | Clarification on dynamic EAS instantiation | Huawei, Hisilicon | approved | S6-211014 | - |
| S6-211118 | Unified EEC context | Convida Wireless LLC | revised | S6-211112 | S6-211119 |
| S6-211119 | Unified EEC context | Convida Wireless LLC | available | S6-211118 | - |

## Annex B: List of change requests

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Spec | CR | Rev | Rel | Cat | WI | Decision |
| S6-210796 | Clarification to location information cancel subscription | BDBOS | 23.280 | 0262 | 2 | Rel-17 | C | enh3MCPTT | revised |
| S6-210973 | Clarification to location information cancel subscription | BDBOS | 23.280 | 0262 | 3 | Rel-17 | C | enh3MCPTT | Agreed |
| S6-210803 | Configuration of MC service UE label | BDBOS | 23.280 | 0287 | - | Rel-17 | B | enh3MCPTT | revised |
| S6-211048 | Configuration of MC service UE label | BDBOS | 23.280 | 0287 | 1 | Rel-17 | B | enh3MCPTT | postponed |
| S6-210901 | Clarification on security for preconfigured regroup | Huawei, Hisilicon | 23.280 | 0288 | - | Rel-17 | C | enh3MCPTT | postponed |
| S6-210905 | Correction to MCVideo-5 reference point description | Huawei, Hisilicon | 23.281 | 0158 | - | Rel-17 | F | enh3MCPTT | Agreed |
| S6-210781 | Corrections and enhancements to the Notification procedures | AT&T GNS Belgium SPRL | 23.282 | 0262 | 2 | Rel-17 | B | eMCData3 | revised |
| S6-210959 | Corrections and enhancements to the Notification procedures | AT&T GNS Belgium SPRL | 23.282 | 0262 | 3 | Rel-17 | B | eMCData3 | Agreed |
| S6-210754 | Aggregated notifications and reports | AT&T | 23.282 | 0269 | - | Rel-17 | F | eMCData3 | revised |
| S6-210965 | Aggregated notifications and reports | AT&T | 23.282 | 0269 | 1 | Rel-17 | F | eMCData3 | revised |
| S6-211083 | Aggregated notifications and reports | AT&T | 23.282 | 0269 | 2 | Rel-17 | F | eMCData3 | agreed |
| S6-210757 | Correct misuse of the term "transmission control" | AT&T | 23.282 | 0270 | - | Rel-17 | D | eMCData3 | revised |
| S6-210966 | Correct misuse of the term "transmission control" | AT&T | 23.282 | 0270 | 1 | Rel-17 | D | eMCData3 | Agreed |
| S6-210824 | MCData file download including request of network resources with required QoS | Ericsson | 23.282 | 0271 | - | Rel-17 | B | eMCData3 | revised |
| S6-210961 | MCData file download including request of network resources with required QoS | Ericsson | 23.282 | 0271 | 1 | Rel-17 | B | eMCData3 | Agreed |
| S6-210825 | Enhancement and corrections to Group FD using HTTP | Ericsson | 23.282 | 0272 | - | Rel-17 | C | eMCData3 | revised |
| S6-210962 | Enhancement and corrections to Group FD using HTTP | Ericsson | 23.282 | 0272 | 1 | Rel-17 | C | eMCData3 | Agreed |
| S6-210828 | Enhancement and corrections to one-to-one FD using HTTP | Ericsson | 23.282 | 0273 | - | Rel-17 | C | eMCData3 | revised |
| S6-210963 | Enhancement and corrections to one-to-one FD using HTTP | Ericsson | 23.282 | 0273 | 1 | Rel-17 | C | eMCData3 | Agreed |
| S6-210903 | Correction to MCData-5 reference point description | Huawei, Hisilicon | 23.282 | 0274 | - | Rel-17 | F | enh3MCPTT | revised |
| S6-211024 | Correction to MCData-5 reference point description | Huawei, Hisilicon | 23.282 | 0274 | 1 | Rel-17 | F | enh3MCPTT | Agreed |
| S6-210755 | CAPIF function of SEAL server | China Mobile Com. Corporation | 23.286 | 0045 | - | Rel-17 | F | eV2XAPP | postponed |
| S6-210756 | Network resource management service of SEAL for V2X application | China Mobile Com. Corporation | 23.286 | 0046 | - | Rel-17 | D | eV2XAPP | revised |
| S6-211000 | Network resource management service of SEAL for V2X application | China Mobile Com. Corporation | 23.286 | 0046 | 1 | Rel-17 | D | eV2XAPP | revised |
| S6-211107 | Network resource management service of SEAL for V2X application | China Mobile Com. Corporation | 23.286 | 0046 | 2 | Rel-17 | F | eV2XAPP | agreed |
| S6-210849 | Resolving the EN for network monitoring procedure | CATT | 23.286 | 0047 | - | Rel-17 | F | eV2XAPP | postponed |
| S6-210850 | Editorial changes for references | CATT | 23.286 | 0048 | - | Rel-17 | D | eV2XAPP | withdrawn |
| S6-210851 | Editorial changes for references | CATT | 23.286 | 0049 | - | Rel-17 | D | eV2XAPP | Agreed |
| S6-210852 | V2X UE identity | CATT | 23.286 | 0050 | - | Rel-16 | F | V2XAPP | Agreed |
| S6-210854 | V2X UE identity | CATT | 23.286 | 0051 | - | Rel-17 | A | V2XAPP | postponed |
| S6-210857 | Support for power efficient V2P communications | Lenovo, Motorola Mobility | 23.286 | 0052 | - | Rel-17 | B | eV2XAPP | noted |
| S6-210924 | Resolving editor notes in session oriented services | Huawei, Hisilicon | 23.286 | 0053 | - | Rel-17 | B | eV2XAPP | Agreed |
| S6-210925 | Editorial corrections for HDMap feature | Huawei, Hisilicon | 23.286 | 0054 | - | Rel-17 | F | eV2XAPP | revised |
| S6-211036 | Editorial corrections for HDMap feature | Huawei, Hisilicon | 23.286 | 0054 | 1 | Rel-17 | F | eV2XAPP | Agreed |
| S6-210926 | Information flows and API definitions for session-oriented service | Huawei, Hisilicon | 23.286 | 0055 | - | Rel-17 | B | eV2XAPP | revised |
| S6-211037 | Information flows and API definitions for session-oriented service | Huawei, Hisilicon | 23.286 | 0055 | 1 | Rel-17 | B | eV2XAPP | Agreed |
| S6-210927 | Requirements for message distribution | Huawei, Hisilicon | 23.286 | 0056 | - | Rel-17 | B | eV2XAPP | revised |
| S6-211038 | Requirements for message distribution | Huawei, Hisilicon | 23.286 | 0056 | 1 | Rel-17 | B | eV2XAPP | Agreed |
| S6-210928 | Alignment of Get V2X UE service discovery response with request | Huawei, Hisilicon | 23.286 | 0057 | - | Rel-17 | B | eV2XAPP | revised |
| S6-211039 | Alignment of Get V2X UE service discovery response with request | Huawei, Hisilicon | 23.286 | 0057 | 1 | Rel-17 | B | eV2XAPP | Agreed |
| S6-210929 | Alignment of information flows for local service information | Huawei, Hisilicon | 23.286 | 0058 | - | Rel-17 | B | eV2XAPP | revised |
| S6-211040 | Alignment of information flows for local service information | Huawei, Hisilicon | 23.286 | 0058 | 1 | Rel-17 | B | eV2XAPP | Agreed |
| S6-210999 | Network resource management service of SEAL for V2X application | China Mobile Com. Corporation | 23.286 | 0059 | - | Rel-17 | F | eV2XAPP | withdrawn |
| S6-210902 | Clarification on security for preconfigured regroup | Huawei, Hisilicon | 23.379 | 0292 | - | Rel-17 | C | enh3MCPTT | postponed |
| S6-210904 | Correction to MCPTT-5 reference point description | Huawei, Hisilicon | 23.379 | 0293 | - | Rel-17 | F | enh3MCPTT | Agreed |
| S6-210855 | Network Slice Capability Management functional model | Lenovo, Motorola Mobility | 23.434 | 0037 | 2 | Rel-17 | B | eSEAL | revised |
| S6-211076 | Network Slice Capability Management functional model | Lenovo, Motorola Mobility | 23.434 | 0037 | 3 | Rel-17 | B | eSEAL | Agreed |
| S6-210864 | eSEAL\_Off-network\_Location\_Management | Samsung | 23.434 | 0043 | 2 | Rel-17 | B | eSEAL | revised |
| S6-211069 | eSEAL\_Off-network\_Location\_Management | Samsung | 23.434 | 0043 | 3 | Rel-17 | B | eSEAL | Agreed |
| S6-210748 | Unicast SDP/SIP session establishment support | Tencent | 23.434 | 0046 | - | Rel-17 | B | eSEAL | revised |
| S6-210998 | Unicast SDP/SIP session establishment support | Tencent | 23.434 | 0046 | 1 | Rel-17 | B | eSEAL | postponed |
| S6-210751 | Location report timestamp support | Tencent | 23.434 | 0047 | - | Rel-17 | B | eSEAL | revised |
| S6-210995 | Location report timestamp support | Tencent | 23.434 | 0047 | 1 | Rel-17 | B | eSEAL | agreed |
| S6-210752 | Network connection monitoring support | Tencent | 23.434 | 0048 | - | Rel-17 | B | eSEAL | merged |
| S6-210792 | Update to GMS APIs | TD Tech Ltd | 23.434 | 0049 | - | Rel-17 | B | eSEAL | revised |
| S6-211001 | Update to GMS APIs | TD Tech Ltd | 23.434 | 0049 | 1 | Rel-17 | B | eSEAL | revised |
| S6-211085 | Update to GMS APIs | TD Tech Ltd | 23.434 | 0049 | 2 | Rel-17 | B | eSEAL | agreed |
| S6-210839 | Enhancement for UAV Location Deviation Monitoring | InterDigital | 23.434 | 0050 | - | Rel-17 | B | UASAPP | merged |
| S6-210844 | SEAL support for CoAP | Ericsson LM | 23.434 | 0051 | - | Rel-17 | B | eSEAL | revised |
| S6-210993 | SEAL support for CoAP | Ericsson LM | 23.434 | 0051 | 1 | Rel-17 | B | eSEAL | revised |
| S6-211084 | SEAL support for CoAP | Ericsson | 23.434 | 0051 | 2 | Rel-17 | B | eSEAL | agreed |
| S6-210845 | Resolve EN for group management | Ericsson LM | 23.434 | 0052 | - | Rel-17 | B | eSEAL | revised |
| S6-211086 | Resolve EN for group management | Ericsson | 23.434 | 0052 | 1 | Rel-17 | B | eSEAL | agreed |
| S6-210853 | Coordinated QoS/resource management for network-assisted UE-to-UE communications | Lenovo, Motorola Mobility | 23.434 | 0053 | - | Rel-17 | B | eSEAL, UASAPP | revised |
| S6-211075 | Coordinated QoS/resource management for network-assisted UE-to-UE communications | Lenovo, Motorola Mobility | 23.434 | 0053 | 1 | Rel-17 | B | eSEAL, UASAPP | Agreed |
| S6-210860 | eSEAL-Group\_Fetch | Samsung | 23.434 | 0054 | - | Rel-17 | B | eSEAL | revised |
| S6-211065 | eSEAL-Group\_Fetch | Samsung | 23.434 | 0054 | 1 | Rel-17 | B | eSEAL | Agreed |
| S6-210861 | eSEAL-Group\_Management\_Enhancements | Samsung | 23.434 | 0055 | - | Rel-17 | C | eSEAL | revised |
| S6-211066 | eSEAL-Group\_Management\_Enhancements | Samsung | 23.434 | 0055 | 1 | Rel-17 | C | eSEAL | Agreed |
| S6-210862 | eSEAL-Location Deviation | Samsung | 23.434 | 0056 | - | Rel-17 | B | UASAPP | revised |
| S6-211067 | eSEAL-Location Deviation | Samsung | 23.434 | 0056 | 1 | Rel-17 | B | UASAPP | agreed |
| S6-210863 | eSEAL-Event Monitoring | Samsung | 23.434 | 0057 | - | Rel-17 | B | UASAPP | revised |
| S6-211068 | eSEAL-Event Monitoring | Samsung | 23.434 | 0057 | 1 | Rel-17 | B | UASAPP | agreed |
| S6-210916 | Requirements for Location management service | Huawei, Hisilicon | 23.434 | 0058 | - | Rel-17 | B | eSEAL | revised |
| S6-211030 | Requirements for Location management service | Huawei, Hisilicon | 23.434 | 0058 | 1 | Rel-17 | B | eSEAL | Agreed |
| S6-210921 | Supplementary location information to verticals | Huawei, Hisilicon | 23.434 | 0059 | - | Rel-17 | B | UASAPP | agreed |
| S6-210813 | evaluation of solution 28 and remove EN in architecture | China Mobile Com. Corporation | 23.700-24 | 0001 | - | Rel-17 | F | FS\_5GMARCH | Agreed |

## Annex C: Lists of liaisons

### C1: Incoming liaison statements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Original | Title | From | Decision | Reply TDoc |
| S6-210739 | S2-2101060 | Reply to LS on New Whitepaper: "Operator Platform Telco Edge proposal" | SA2 | noted | (none) |
| S6-210740 | S2-2101407 | Reply LS on Service Layer aspects for 5G MBS | SA2 | noted | (none) |
| S6-210741 | S2-2101093 | Reply LS on application layer impact of FS\_enh\_EC solution #16 | SA2 | noted | (none) |
| S6-210742 | S5-212319 | LS reply from 3GPP SA5 to GSMA on 5G Operator Platform Telco Edge proposal | SA5 | noted | (none) |
| S6-210743 | LS 1 # 5G-ACIA-LS-2021-001 | 5G capabilities exposure for factories of the future - revised | 5G-ACIA | postponed | (none) |
| S6-210744 | OPG\_52\_Doc\_03 | LS from GSMA Operator Platform Group on edge computing definition and integration | GSMA Operator Platform Group | replied to | S6-210976 |
| S6-210833 | SG11-LS178 | LS/r on draft Recommendation ITU-T Q.Sig\_Req\_ETS\_IMS\_roaming “Signalling requirements for emergency telecommunication service in IMS roaming environment” (3GPP TSG SA2-S2-210310) | ITU-T SG11 | withdrawn | (none) |
| S6-210940 | SG11-LS178 | LS/r on draft Recommendation ITU-T Q.Sig\_Req\_ETS\_IMS\_roaming “Signalling requirements for emergency telecommunication service in IMS roaming environment” (3GPP TSG SA2-S2-210310) | ITU-T SG11 | noted | (none) |
| S6-210941 | S2-2101307 | Reply LS on IP address to GPSI translation | SA2 | replied to | S6-211082 |
| S6-210942 | C4-211513 | LS on migration from ETSI forge to 3GPP forge | CT4 | noted | (none) |
| S6-210943 | S2-2101310 | Reply LS on initiation of new work item Q.Sig\_Req\_ETS\_IMS\_roaming “Signalling requirements for emergency telecommunication service in IMS roaming environment” | SA2 | noted | (none) |

### C2: Outgoing liaison statements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Document | Title | To | Cc | reply to i/c LS |
| S6-210976 | Reply LS on Edge computing definition and integration | GSMA OPG | SA, SA2, SA5, ETSI ISG MEC, ETSI NFV ISG | S6-210744 |
| S6-210978 | 3GPP Edge Computing coordination | SA, SA2, SA5 | SA3 | S6-210744 |
| S6-211082 | Reply LS on IP address to GPSI translation | SA2 | SA3 | S6-210941 |

## Annex D: List of agreed/approved new and revised Work Items

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Title | Source | new/revised |
| S6-211106 | New SID on study on application enablement aspects for subscriber-aware northbound API access | NTT DOCOMO INC. | SID new |

## Annex E: List of draft Technical Specifications and Reports

n/a

## Annex F: List of action items

n/a

## Annex G: List of decisions

n/a

## Annex H: List of participants

|  |  |  |
| --- | --- | --- |
| Name | Representing | Status (OP) |
| ALEKSIEV, Vasil | Deutsche Telekom AG | 3GPPMEMBER (ETSI) |
| ALNÅS, Svante | Sony Corporation | 3GPPMEMBER (ARIB) |
| AMOGH, Niranth | Huawei Technologies Sweden AB | 3GPPMEMBER (ETSI) |
| BAI, kunai | TD Tech Ltd | 3GPPMEMBER (CCSA) |
| BEICHT, Peter | Kontron Transportation France | 3GPPMEMBER (ETSI) |
| CHAMPEL, Mary-Luc | Beijing Xiaomi Electronics | 3GPPMEMBER (CCSA) |
| CHAN, Yee Sin | Facebook | 3GPPMEMBER (ETSI) |
| CHATER-LEA, David | Motorola Solutions UK Ltd. | 3GPPMEMBER (ETSI) |
| CHEN, Xiao | ZTE Corporation | 3GPPMEMBER (ETSI) |
| CHEN, Ying | TD Tech Ltd | 3GPPMEMBER (CCSA) |
| CHITTURI, Suresh | Samsung Electronics Co., Ltd | 3GPPMEMBER (TTA) |
| COVELL, Betsy | Nokia | 3GPPMEMBER (ATIS) |
| DAWES, Peter | VODAFONE Group Plc | 3GPPMEMBER (ETSI) |
| EDWARDS, Robert | Matrixx | 3GPPMEMBER (ETSI) |
| EL ESSAILI, Ali | Ericsson GmbH, Eurolab | 3GPPMEMBER (ETSI) |
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| JIAO, Jerry | CALTTA | 3GPPMEMBER (CCSA) |
| KAPALE, Kiran | Samsung Electronics Iberia SA | 3GPPMEMBER (ETSI) |
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| KIM, Hyesung | Samsung Electronics France SA | 3GPPMEMBER (ETSI) |
| KOERSTEN, Frank | BDBOS | 3GPPMEMBER (ETSI) |
| KOO, Hyounhee | SyncTechno Inc. | 3GPPMEMBER (ETSI) |
| KUMAR, Lalith | Samsung Electronics Benelux BV | 3GPPMEMBER (ETSI) |
| LAAKSONEN, Lasse | Nokia Corporation | 3GPPMEMBER (ETSI) |
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| LAZARA, Dominic | Motorola Solutions Poland | 3GPPMEMBER (ETSI) |
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| MARIOTTE, Hubert | Orange | 3GPPMEMBER (ETSI) |
| MATTSSON, Bernt | ETSI | 3GPPORG\_REP (ETSI) |
| MELLIES, Renaud | MINISTERE DE L'INTERIEUR | 3GPPMEMBER (ETSI) |
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| MOHAJERI, Shahram | AT&T | 3GPPMEMBER (ATIS) |
| MONNES, Peter | Perspecta Labs Inc. | 3GPPMEMBER (ATIS) |
| MONRAD, Atle | InterDigital, Europe, Ltd. | 3GPPMEMBER (ETSI) |
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| NANJUNDA SWAMY, Satish | Reliance Jio | 3GPPMEMBER (TSDSI) |
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| OETTL, Martin | Nokia Germany | 3GPPMEMBER (ETSI) |
| OPRESCU, Val | AT&T | 3GPPMEMBER (ATIS) |
| PALENIUS, Torgny | Sony Mobile Communications | 3GPPMEMBER (ARIB) |
| PATEROMICHELAKIS, Emmanouil | Motorola Mobility UK Ltd. | 3GPPMEMBER (ETSI) |
| PATTAN, Basavaraj (Basu) | Samsung Electronics GmbH | 3GPPMEMBER (ETSI) |
| PESONEN, Tero | Erillisverkot | 3GPPMEMBER (ETSI) |
| PICA, Francesco | QUALCOMM Europe Inc. - Italy | 3GPPMEMBER (ETSI) |
| PIROARD, Francois | Airbus | 3GPPMEMBER (ETSI) |
| PISON, Laurent | Bull SAS | 3GPPMEMBER (ETSI) |
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| SUZUKI, Yuji | NTT DOCOMO INC. | 3GPPMEMBER (TTC) |
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| ZHAO, Shuai | Tencent | 3GPPMEMBER (CCSA) |
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| ZISIMOPOULOS, Haris | Qualcomm India Pvt Ltd | 3GPPMEMBER (TSDSI) |

## Annex I: List of future meetings

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Title** | **Start date** | **End date (OP)** | **Town** | **Country** | **Reference** |
| 3GPPSA6#43-e | 24/05/2021 12:30:00 UTC | 02/06/2021 16:30:00 UTC | Online | NA | S6-43 |
| 3GPPSA6#44-e | 12/07/2021 12:30:00 UTC | 20/07/2021 16:30:00 UTC | TBC | NA | S6-44 |
| 3GPPSA6#45-e | 30/08/2021 12:30:00 UTC | 07/09/2021 16:30:00 UTC | TBC | NA | S6-45 |
| 3GPPSA6#45-bis | 11/10/2021 09:00:00 | 15/10/2021 17:30:00 | TBC | NA | S6-45-bis- |
| 3GPPSA6#46 | 15/11/2021 09:00:00 | 19/11/2021 17:30:00 | TBC | NA | S6-46 |