**3GPP TSG-SA WG6 Meeting #49-bis-e S6-221498**

**e-meeting, 22nd June – 1st July 2022**

Source: MCC

Title: SA6 Meeting 49-e report

Agenda Item: 3

Contact: Bernt Mattsson bernt.mattsson@etsi.org

*Abstract: Meeting report of 3GPP SA6 meeting #49-e*

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

**DRAFT Meeting Report  
for  
TSG SA WG6  
meeting: e**

**e-meeting, n/a, 16/05/2022 to 25/05/2022**

Report generated on Thursday, 2022-05-26 12:19 UTC

Contents:

1 Opening of the meeting 4

1.1 IPR and antitrust policy reminders 4

1.2 Reminder to register to the e-meeting 4

2 Agenda and Chair notes 4

3 Report from previous meetings 5

4 Liaison statements 5

4.1 Incoming LSs 5

4.2 Outgoing LSs 12

5 Items for early consideration 17

5.1 Working Agreements / Technical Votes 17

5.2 SA6 Vice-Chair Election 18

5.3 Others 18

6 Rel-16 Work Items 18

7 Rel-17 Work Items 20

7.1 eMONASTERY2 - Enhancements to Application Architecture for the Mobile Communication System for Railways Phase 2 20

7.2 MCIOPS - MC services support on IOPS mode of operation 20

7.3 enh3MCPTT - Enhanced Mission Critical Push-to-talk architecture phase 3 20

7.4 eMCData3 - Enhancements for functional architecture and information flows for Mission Critical Data 20

7.5 MCOver5GS - Mission Critical Services over 5GS 20

7.6 EDGEAPP - Architecture for enabling Edge Applications 21

7.7 eV2XAPP - Enhanced application layer support for V2X services 24

7.8 UASAPP - Application layer support for Unmanned Aerial System (UAS) 24

7.9 eSEAL - Enhanced Service Enabler Architecture Layer for Verticals 24

7.10 5GMARCH - Application Architecture for MSGin5G Service 25

8 Rel-18 Work-Items 25

8.1 MCOver5MBS - Mission Critical Services over 5MBS 25

8.2 MCOver5GProSe - Mission Critical Services over 5GProSe 30

8.3 MCGWUE - Gateway UE function for Mission Critical Communication 30

8.4 enh4MCPTT - Enhanced Mission Critical Push-to-talk architecture phase 4 30

8.5 IRail - Interconnection and Migration Aspects for Railways 31

8.6 FFAPP - Application layer support for Factories of the Future (FF) 35

8.7 eSEAL2 - Enhanced Service Enabler Architecture Layer for Verticals Phase 2 37

8.8 5GMARCH\_Ph2 - New WID on support of the MSGin5G Service phase 2 38

9 Rel-18 Study Items 40

9.1 FS\_MCOver5GS - Study on Mission Critical Services support over 5G System 40

9.2 FS\_MCShAC - Study on sharing of administrative configuration between interconnected MC service systems 40

9.3 FS\_MCAHGC - Study on Mission Critical Ad hoc Group Communications Support for Mission Critical Services 42

9.4 FS\_NSCALE - Study on Network Slice Capability Exposure for Application Layer Enablement 43

9.5 FS\_SNAAPP - Study on application enablement aspects for subscriber-aware northbound API access 50

9.6 FS\_ACE\_IOT - Study on Application Capability Exposure for IoT Platforms 54

9.7 FS\_5GFLS - Study on 5G-enabled fused location service capability exposure 56

9.8 FS\_eEDGEAPP - Study on enhanced Application Architecture for enabling Edge Applications 59

9.9 FS\_eUASAPP - Study on enhanced architecture for UAS Applications 81

9.10 FS\_SEALDD - Study on SEAL data delivery enabler for vertical applications 83

9.11 FS\_eV2XAPP2 - Study on enhancements to application layer support for V2X services; Phase 2 87

9.12 FS\_ADAES - Study on Application Data Analytics Enablement Service 88

9.13 FS\_PINAPP - Study on Application layer support for Personal IoT 91

10 Future work / New WIDs (including related contributions) 96

11 Work Plan review 100

12 Future meetings 103

13 AOB 103

14 Close of the meeting 103

Annex A: Contribution documents and status 104

A1: List of TDocs 104

Annex B: List of change requests 116

Annex C: Lists of liaisons 121

C1: Incoming liaison statements 121

C2: Outgoing liaison statements 121

Annex D: List of agreed/approved new and revised Work Items 121

Annex E: List of draft Technical Specifications and Reports 121

Annex F: List of action items 121

Annex G: List of decisions 121

Annex H: List of participants 122

Annex I: List of future meetings 126

## 1 Opening of the meeting

### 1.1 IPR and antitrust policy reminders

The chair Alan Soloway (Qualcomm) opened the e-meeting that consisted of formal opening, closing 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 has been used to refer to Conference Calls. The planning and schedule of these can be found in the meeting agenda.

**IPR Call Reminder:**

The Chair 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 chair 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 Chair and Vice-Chairs 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 register to the e-meeting

The chair reminded delegates of the importance to register for the meeting as well as confirming ones presence, as the presence in online meetings now counts towards gaining voting rights.

## 2 Agenda and Chair notes

**S6-220980 SA6 Meeting 49-e Agenda**

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

**Abstract:**

Agenda for the SA6#49-e meeting

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

**S6-220982 SA6 Meeting #49-e - Agenda with Tdocs allocation after submission deadline**

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

**Abstract:**

The SA6#49-e meeting 8agenda with Tdocs allocation after submission deadline

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

**S6-220983 SA6 Meeting #49-e - Agenda with Tdocs allocation at start of the meeting**

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

**Abstract:**

The SA6#49-e meeting agenda with Tdocs allocation at the start of the meeting

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

**S6-220984 SA6 Meeting #49-e - Chair's notes at end of the meeting**

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

**Abstract:**

Chair's notes at end of the SA6#49-e meeting

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

## 3 Report from previous meetings

**S6-220981 SA6 Meeting 48-e Report**

*Type: report For: Approval  
 Source: MCC*

**Abstract:**

The report of the SA6#48-e meeting.

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

## 4 Liaison statements

### 4.1 Incoming LSs

**S6-220988 LS on slicing aspects of MC services**

*Type: LS in For: Action  
 Original outgoing LS: C1-223006, to SA6, cc -  
 Source: CT1*

**Abstract:**

1 . Overall description

CT1 while working on the implementation of the network slicing (NS) and Data Network (DN) stage-2 requirements could not identify how the corresponding Initial MC service UE configuration is meant to be used and how it interacts with the corresponding 5GS configuration.

TS 23.289 introduces the following requirements:

“The Initial MC service UE configuration shall contain at least one network slice identity (S-NSSAI) on a per HPLMN and optionally also per VPLMN basis.

If Network Slice-Specific Authentication and Authorization is used, the Initial MC service UE configuration or UE (pre)configuration shall provide the corresponding credentials for the network slice identity (S-NSSAI). ….

At least one S-NSSAI in the Initial MC service UE configuration shall be marked as default S-NSSAI.”

It is understood that this corresponds to 2 configurations related to the following slicing aspects:

i. the configured NSSAI as specified in TS 23.501; and

ii. The specification of the MC part of UE Local Configuration;

Whereas the use of UE Local Configuration is specified in 5GS specs, it is unclear how NS info in the Initial MC service UE configuration would interact with configured NSSAI and what is the purpose of the default S-NSSAI.

Besides, it is unclear why MC-specific credentials need to be preconfigured in the initial UE configuration, when according to 5GS requirements a UE can be provisioned via the user plane with credentials for NSSAA (or PDU session authentication and authorization).

CT1 would like to ask SA6 to provide guidance and clarify

1. whether the S-NSSAIs in the Initial MC service UE configuration are referring to (a subset of) the configured NSSAI, and if:

a. yes, what is the purpose of the default indication;

b. no, how the S-NSSAIs in the Initial MC service UE configuration are used during the registration procedure.

2. why MC-specific credentials (for NS and secondary AA) need to be configured in Initial UE configuration, and what is the relation with (or precedence over) any existing/provisioned credentials e.g. as per clause 5.39 of TS 23.501.

2 . Actions

To SA6

ACTION: CT1 kindly asks SA6 to provide answers to the question above and, if needed, to update their specifications.

**Discussion:**

Nokia presented the LS available as S6-220988.

Nokia mentioned they had prepared a draft reply as S6-221025.

Furthermore CR proposals on the topic had been prepared by Nokia and Ericsson.

Airbus raised the question whether they had well understood that goal was to finalise and approved the LS by the end of the week to be sent to CT1 before the end of their currently running meeting.

The chair asked whether the meeting agreed with trying to approve the LS by Wed.

Motorola Solutions noted that it was unreasonable to expect that CT1 would be able to properly consider an LS arriving on Wed.

BDBOS pointed out the additional complication of being able to agree CRs to go with the LS.

The chair noted that one option was to include relevant information from the CRs in the actual LS.

**Decision:** The document was **replied to in S6-221025**.

**S6-220989 LS on the handling of the termination of reporting functionality in the SS\_NetworkResourceMonitoring API**

*Type: LS in For: Action  
 Original outgoing LS: C3-222451, to SA6, cc -  
 Source: CT3*

**Abstract:**

1. Overall Description:

CT3 is discussing the handling of the termination of reporting mechanism defined for the SS\_NetworkResourceMonitoring API in 3GPP TS 23.434.

According to that TS, a subscription at the VAL server provides termination of reporting requirements to the NRM server to indicate when/based on which conditions the subscription can be terminated. However, TS 3.434 does not specify in details how this mechanism is supposed to operate.

Therefore, CT3 has the following questions on the overall operation of this mechanism:

Question 1: When the NRM server receives termination of reporting requirements from the VAL server, what is the exact behavior of the NRM server? Should the NRM server terminate the subscription when the conditions provided in the termination of reporting requirements are met or is it expected that the VAL server terminates the subscription at the reception of a notification from the NRM server indicating that termination of reporting conditions are met?

Question 2: If unicast QoS monitoring notifications may contain termination of reporting related information (e.g. termination of reporting conditions are met), then what should exactly be the behavior of the VAL server at the reception of such information?

Regarding the termination of reporting conditions specifically, in the case of threshold based termination:

Question 3: Can the VAL server provide a multi-parameter threshold (e.g., the provided by the VAL server threshold contains the threshold values for the uplink delay, downlink delay, and average traffic volume for downlink) for the event-triggered threshold reached reporting termination?

If the answer to Question 3 is yes, please consider the following question.

Question 4: How does the NRM server handle the subscription termination based on the multi-parameter threshold provided by the VAL server?

2. Actions:

To SA6 group.

ACTION: CT3 kindly requests SA6 to answer the question(s) above and update their Specifications accordingly, if considered necessary.

**Discussion:**

Ericsson presented the LS available as S6-220989.

Ericsson has prepared a proposal for draft reply available as S6-220987.

**Decision:** The document was **replied to in S6-220987**.

**S6-220990 Reply LS on 5MBS User Services**

*Type: LS in For: Information  
 Original outgoing LS: C3-222478, to SA4, cc SA2, SA6, CT4  
 Source: CT3*

**Abstract:**

1. Overall Description:

CT3 would like to thank SA4 for their LS on 5MBS User Services providing an updated progress status of the 5MBUSA work item.

Regarding the below action to CT3:

To CT3/CT4

ACTION: SA4 asks CT3/CT4 to review clause 7 (Network Function service) and provide early feedback on its suitability.

CT3 would like to provide below reply upon reviewing clause 7 of TS 26.502 with a focus on the MBSF Services.

Comments 1: For the below table NOTE in Table 7.2-1: NF services provided by the MBSF:

"NOTE: Service exposure to the AF is for further study"

As the MBS Application Provider (i.e. AF) may invoke the service APIs exposed by the MBSF either directly or via the NEF, it is CT3's understanding that the NEF should also expose similar services as the MBSF, e.g. Nnef\_MBSUserService and Nnef\_MBSUserDataIngestSession. Therefore, CT3 would like to ask SA4 the following question:

Question 1: When and how SA4 planning to resolve this NOTE?

Comments 2: For clause 7.2.2 and clause 7.2.3, Input (Required, Optional) and Output (Required, Optional) and the corresponding Parameters tables, need to separately specify the Input (Required), Input (Optional), Output (Required), and Output (Optional) in clause 7 and the corresponding presence conditions (Mandatory, Conditional or Optional) properties for each parameters in the tables of clause 4.5 for clear and correct stage 3 implementation, in a similar way to e.g. clause 9 of TS 23.247.

2. Actions:

To SA4 group.

ACTION: CT3 kindly requests SA4 to take the above information into consideration, answer the above questions and update SA4 specifications accordingly, where appropriate and if necessary.

**Discussion:**

Ericsson presented the LS available as S6-220990.

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

**S6-220991 Reply LS on 5MBS User Services**

*Type: LS in For: Action  
 Original outgoing LS: S2-2203051, to SA4, CT3, CT4, SA6, cc -  
 Source: SA2*

**Abstract:**

1. Overall Description:

SA2 thanks SA4 for the LS on 5MBS User Services. SA2 discussed the LS and would like to provide following feedback:

ACTION 1: SA4 kindly asks SA2 to review the draft TS and provide feedback on whether it satisfies the envisaged work split with TS 23.247.

SA2 response:

SA2 thanks SA4 for the draft TS and considers it satisfies the envisaged work split with TS 23.247. SA2 understands that FEC may be used by Mission Critical applications but how the FEC can be enabled for Packet Distribution Method has not been clarified. And there are some questions raised in the meeting:

- MBSF/MBSF are regarded as trusted by SA2. However, in Annex A5 there is an “MBSF-like function” outside the trust domain. SA4 may consider names such as MBSF-external to clarify the difference.

- The “MBS AS” in the TS is lacking any interfaces to interact with other entities and related call flows. SA4 may want to further clarify that aspect.

SA2 kindly asks SA4 to clarify the questions above.

ACTION 2: SA4 kindly asks SA2 to provide feedback on questions Q1 and Q2 above.

Q1: Is collaboration between the Group Communication System Enabler (TS 23.468) and the MBS System achieved only at reference points MB2-C and MB2-U in Release 17, as specified in TS 23.247 annex C?

Q2: Assuming the answer to Q1 is yes, does SA2 intend to revise TS 23.247 and/or TS 23.468 in Release 18 to permit collaboration between the Group Communication System Enabler and the MBS System via reference points Nmb10 and Nmb8, per figure 4.7.2 1 in TS 23.289, Release 18?

SA2 response:

To Q1: SA2 confirms that the collaboration between the GCS AS and MBS is achieved only at reference points MB2-C and MB2-U as specified in TS 23.247 Annex C.

To Q2: SA2 understands TS 23.468 “Group Communication System Enablers for LTE (GCSE\_LTE); Stage 2” is only applicable to LTE/EPC and is referenced in TS 23.247 in Rel-17 only in the context of interworking with LTE eMBMS. As specified in TS 23.289, to make use of MBS, an MCX server can act as an AF to interact with 5GS via Nmb13 or Nmb10 for control plane, as well as N6mb or Nmb8 for user plane, or it can make use of the MB2 reference point. TS 23.247 also permits the use of all those reference points as detailed in Annex A. There is currently no agreed Rel-18 SA2 SID or WID to further revise TS 23.247 and/or TS 23.468 to allow the collaboration between GCS AS and 5GS via reference point Nmb10 and Nmb8.

2. Actions:

To SA4:

ACTION: SA2 respectfully asks SA4 to clarify the questions above and take the above information into account.

To CT3, CT4, SA6:

ACTION: SA2 kindly asks CT3, SA6 and CT4 to take the above information into account.

**Discussion:**

Ericsson presented the LS available as S6-220991.

Huawei was of the view the LS made some incorrect interpretations for the use of reference points.

Ericsson did not share the view of Huawei.

Motorola Solutions noted they believed that SA6 should continue to use the MB2 reference point for 5G. They thought this was a chiken/egg issue, that SA6 is limiting themselves to an underlining 5BMS architecture that does not give parity with MC services over LTE.

Huawei remarked that they thought they heard a hint that SA6 Rel-18 needs to wait SA2/RAN for Rel-18 completion and they hope they misunderstood.

**Decision:** The document was **replied to in S6-221248**.

**S6-220992 Reply LS on AF specific UE ID retrieval**

*Type: LS in For: Information  
 Original outgoing LS: S2-2203426, to CT3, cc SA3, SA6, CT4  
 Source: SA2*

**Abstract:**

1. Overall Description:

SA2 would like to thank CT3 for their LS on AF specific UE ID retrieval and would like to reply to the following questions:

Q3 to SA2: Whether and How is a temporary GPSI provided to the UE Subscription data in UDM service and stored per application/AF, then how can it be retrieved per application/AF?

Answer to Q3: From an SA2 perspective, temporary GPSI is not supported in Rel-17.

Q4 to SA2: How can the GPSI in the form of an external identifier be invalidated/deactivated on-demand by the user (or automatically by the 3GPP network e.g. when validity timer expires as per user’s authorization) as per SA6 requirements?

Answer to Q4: There is no 5GS signalling to invalidate or validate the subscription information. Such mechanism is out of scope of current 3GPP SA2 specifications.

Q5 to SA2 and SA6: Is this AF-specific static GPSI in the form of an external identifier dynamically generated if one doesn’t already exist in the UDM/UDR?

Answer to Q5: No, the solution agreed in SA2 (clause 4.15.10 of TS 23.502) is based on the retrieval of the AF specific UE Identifier from the UDR. The procedure assumes that there is a provisioned AF specific UE identifier in the subscription information. The case that no available AF specific UE identifier should be handled as an error case.

Q6 to SA2: Whether step 3-4 in clause 4.15.10 of TS 23.502 should be mandatory or not? If not, how does the NEF retrieve the GPSI in the form of an external identifier from the UDM without interacting with the BSF.

Answer to Q6: The BSF needs to be queried for this solution to work. The correction CR has been approved in S2-2202090.

Q7 to SA2: If there is no AF-specific UE ID available in the UDM in step 5, how to provide and return an AF-specific UE ID in step 6?

Answer to Q7: The case of no AF-specific UE ID available in step 5 is to be handled as an error case.

2. Actions:

To CT3:

ACTION: SA2 kindly ask CT3 to take the above answers into account.

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

**S6-220993 Reply LS on FS\_eEDGEAPP Solution for Support of Roaming UEs**

*Type: LS in For: Action  
 Original outgoing LS: S2-2203479, to SA6, cc CT1, CT4  
 Source: SA2*

**Abstract:**

1 . Overall description

SA2 thanks SA6 for their LS on Rel-18 FS\_eEDGEAPP and inviting SA2 to comment whether existing features of the 5G System can be used or enhanced to provide the EEC with ECS configuration of an ECS located in the VPLMN.

For Rel-17, SA2 would like to point out that ECS Address Provisioning is described in clause 6.5.2 of TS 23.548. ECS Address Configuration Information can be sent to the UE during the PDU Session Establishment and/or during PDU Session Modification procedures. The SMF determines the ECS Address Configuration Information to be sent to the UE based on UE subscription information received from UDM (as described in clause 4.15.6.3d-2 of TS 23.502). In a home routed session, the ECS Address Configuration Information comes from the H-SMF.

As part of SA2’s Rel-18 FS\_EDGE\_Ph2 study, SA2 has agreed to Key Issue #1 in TR 23.700-48, which includes studying how to configure the VPLMN ECS address to UE in roaming scenarios.

2 . Actions

To SA6

ACTION:

SA2 asks SA6 to consider the above information.

**Discussion:**

InterDigital presented the LS available as S6-220993.

They suggested noting the LS.

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

**S6-220994 Response LS on maximum number of MBS sessions that can be associated to a PDU session**

*Type: LS in For: Information  
 Original outgoing LS: S4-220567, to SA2, CT1, cc SA6, RAN2  
 Source: SA4*

**Abstract:**

1 . Overall description

SA4 thanks SA2 for their LS in S4-220456 (S2-2109171). SA4 has discussed it and reviewed also the feedback from RAN2 and SA6 on the subject.

SA4 would like to indicate to SA2 and CT1, that SA4 has no specific use-cases, which require a high number of simultaneously joined MBS Sessions at the same time. However, the maximal number of four is potentially a bit limiting to be future proof for upcoming services and SA4 agrees with the SA6 response.

SA4 kindly asks SA2 to take this into consideration to decide the maximum number of MBS sessions that can be associated to a PDU session.

2 . Actions

To SA2 and CT1

ACTION: SA4 kindly asks SA2 and CT1 to take the above information into account.

**Discussion:**

Ericsson presented the LS available as S6-220994.

Motorola Solutions was of the view that there was no need to reply as SA6 had alread suggested the number of simultaneous sessions to be "large".

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

**S6-220995 LS on the clarification of Dynamic EAS instantiation triggering**

*Type: LS in For: Action  
 Original outgoing LS: S5-222568, to SA6, cc -  
 Source: SA5*

**Abstract:**

1. Overall Description:

SA5 is working on the Rel-18 WI “Enhanced Edge Computing Management” WI to provide orchestration and management solutions to support SA6’s TS 23.558 “Architecture for enabling Edge Applications”.

SA5 notices that clause 8.12 Dynamic EAS instantiation triggering in TS 23.558 contains an editor’s note, as shown below, indicating that it is in the scope of SA5 to provide the solutions for dynamic EAS instantiation triggered by EAS discovery failure.

Editor's Note: [SA5] How the EAS management system can provide the dynamic EAS instantiation information at the EES is in the scope of SA5 and whether information elements related to the dynamic EAS instantiation information can be provided by EAS is FFS.

SA5 would like to request SA6 to clarify the information elements related to the dynamic EAS instantiation to assist SA5 to work on the solutions for supporting dynamic EAS instantiation.

2. Actions:

To SA6

ACTION: SA5 would like to request SA6 to clarify the information elements related to the dynamic EAS instantiation.

**Discussion:**

Intel presented the LS available as S6-220995.

Intel suggested preparing a reply.

Samsung pointed out that a related CR had been agreed in SA6#48 as 220835.

**Decision:** The document was **replied to in S6-221249**.

**S6-221250 Reply LS on PIN Application Server Discovery**

*Type: LS in For: Action  
 Original outgoing LS: -, to -, cc -  
 Source: SA1*

**Abstract:**

1. Overall Description:

SA1 thanks SA6 for their question.

SA1 would like to point out that TS 22.261 includes the following requirement in clause 6.38.2.1 “The 5G system shall support applications on an Application Server connected to a CPN or PIN.” Additionally, TS 22.261 clause 6.38.2.4 includes discovery requirements related to Personal IoT Networks:

*The 5G system shall enable a UE or non-3GPP device in a CPN or PIN to discover other UEs or non-3GPP devices within the same CPN or PIN subject to acess rights.*

*The 5G system shall efficiently support service discovery mechanisms where a UE or non-3GPP device in a CPN or PIN can discover, subject to access rights:*

*- availability and reachability of other entities (e.g. other UEs or non-3GPP devices) on the CPN or PIN;*

*- capabilities of other entities on the CPN (e.g. PRAS, eRG) or PIN (e.g. relay UE, connection types) and/or;*

*- services provided by other entities on the CPN or PIN (e.g. the entity is a printer).*

*The 5G system shall support a mechanism for an Authorised Administrator to indicate whether a PIN element is discoverable by other PIN elements of the same PIN.*

*The 5G system shall support a mechanism for an Authorised Administrator to indicate whether a PIN element is discoverable by UEs that are not members of the PIN.*

2 Actions

To SA6

ACTION:

SA1 asks SA6 to take the above reply into account in their upcoming work.

**Discussion:**

InterDigital presented the LS from SA1 available as S6-221250. The LS was a reply to SA6 SA6#48 LS S6-220852.

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

### 4.2 Outgoing LSs

**S6-220987 Reply LS on handling of the termination of reporting functionality in the SS\_NetworkResourceMonitoring API**

*Type: LS out For: (not specified)  
 to CT3  
 Source: Ericsson*

**Discussion:**

The draft S6-220987 rev 3 was discussed during CC#8.

**Decision:** The document was **revised to S6-221406**.

**S6-221406 Reply LS on handling of the termination of reporting functionality in the SS\_NetworkResourceMonitoring API**

*Type: LS out For: Approval  
 to CT3  
 Source: Ericsson*

(Replaces S6-220987)

**Decision:** The document was **revised to S6-221411**.

**S6-221411 Reply LS on handling of the termination of reporting functionality in the SS\_NetworkResourceMonitoring API**

*Type: LS out For: Approval  
 to CT3  
 Source: Ericsson*

(Replaces S6-221406)

**Decision:** The document was **revised to S6-221448**.

**S6-221448 Reply LS on handling of the termination of reporting functionality in the SS\_NetworkResourceMonitoring API**

*Type: LS out For: Approval  
 to CT3  
 Source: SA6*

(Replaces S6-221411)

**Discussion:**

As per S6-221411 rev 1

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

Attachments to this outgoing LS: S6-221404

**S6-221025 Reply LS on slicing aspects of MC services**

*Type: LS out For: Approval  
 to CT1  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Response to LS S6-220988 (C1-223006) on slicing aspects of MC services.

**Discussion:**

Nokia presented the draft S6-221025 rev 1 during the CC#2.

Motorola Solutions suggested simplify (along the lines of the original LS proposal S6-221025) the LS and just refer to a CR (to be agreed).

**Decision:** The document was **revised to S6-221345**.

**S6-221345 Reply LS on slicing aspects of MC services**

*Type: LS out For: Approval  
 to CT1  
 Source: SA6*

(Replaces S6-221025)

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

**S6-221031 LS on the applicability of hold and forward function in DS-TT ports for 5G-native systems**

*Type: LS out For: Approval  
 to SA2  
 Source: Ericsson España S.A.*

**Discussion:**

Ericsson presented the draft LS available as S6-221031.

Qualcomm made a remark that it seemed the LS asked SA2 to modify the SA2 architecture. If that was the case Qualcomm suggested such proposals being made directly to SA2.

Discussion continued on a draft S6-221031 rev 1 during CC#8.

Qualcomm was still not convinced about the need for an LS on the given topic.

**Decision:** The document was **revised to S6-221446**.

**S6-221446 LS on the applicability of hold and forward function in DS-TT ports for 5G-native systems**

*Type: LS out For: Approval  
 to SA2  
 Source: Ericsson España S.A.*

(Replaces S6-221031)

**Decision:** The document was **revised to S6-221449**.

**S6-221449 LS on TSN scenarios**

*Type: LS out For: Approval  
 to SA2  
 Source: SA6*

(Replaces S6-221446)

**Discussion:**

As per S6-221446 rev 2.

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

**S6-221114 LS on CAPIF authorization roles related to FS\_SNAAPP**

*Type: LS out For: Approval  
 to SA3  
 Source: NTT DOCOMO*

**Discussion:**

NTT DOCOMO presented the draft LS available as S6-221114.

Discussion continued on draft S6-221114 rev 2 during CC#8.

**Decision:** The document was **revised to S6-221368**.

**S6-221368 LS on CAPIF authorization roles related to FS\_SNAAPP**

*Type: LS out For: Approval  
 to SA3  
 Source: NTT DOCOMO*

(Replaces S6-221114)

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

**S6-221150 LS on DN energy related analytics**

*Type: LS out For: Approval  
 to SA WG5  
 Source: Lenovo Future Communications*

**Abstract:**

This LS asks SA5 view on EE aspects and whether SA6 within ADAES can investigate energy analytics aspects for the DN/AS

**Discussion:**

Lenovo presented the draft LS available as S6-221150.

**Decision:** The document was **revised to S6-221347**.

**S6-221347 LS on DN energy efficiency data analytics**

*Type: LS out For: Approval  
 to SA5, SA1  
 Source: SA6*

(Replaces S6-221150)

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

**S6-221174 LS on Support for managing slice for trusted third-party owned application**

*Type: LS out For: Approval  
 to SA2  
 Source: Samsung*

**Discussion:**

Samsung presented the draft LS available as S6-221174 during the opening call.

Vodafone suggested to clarify the actual request and point to a solution if it exists.

Qualcomm made a remark that a request should not be based on an ongoing study.

Discussion continued on the draft S6-221117 Rev 1 during the CC#2 the draft S6-221117 Rev 2 during the CC#3.

**Decision:** The document was **revised to S6-221397**.

**S6-221397 LS on Support for managing slice for trusted third-party owned application**

*Type: LS out For: Approval  
 to SA2  
 Source: Samsung*

(Replaces S6-221174)

**Decision:** The document was **revised to S6-221484**.

**S6-221484 LS on Support for managing slice for trusted third-party owned application**

*Type: LS out For: Approval  
 to SA2, SA1  
 Source: SA6*

(Replaces S6-221397)

**Discussion:**

As per draft S6-221397 rev 3.

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

**S6-221240 LS on Alignment of EAS registration and MEC application registration**

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

**Abstract:**

Proposal for LS on Alignment of EAS registration and MEC application registration

**Discussion:**

Huawei presented the draft LS available as S6-221240.

InterDigital pointed out that there were more than one (the proposed attachment) feasible solutions for key issue 5.

Intel welcomed the draft LS but was of the view the that the LS was too dependent of the proposed solution.

Huawei presented the draft S6-221240 rev 1 during the CC#6.

Discusion continued further on draft S6-221240 rev 2 during CC#10.

**Decision:** The document was **revised to S6-221436**.

**S6-221436 LS on Alignment of EDGEAPP and ETSI MEC**

*Type: LS out For: Approval  
 to ETSI MEC, cc SA  
 Source: SA6*

(Replaces S6-221240)

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

**S6-221248 LS reply on 5MBS User Services**

*Type: LS out For: Approval  
 to SA2, cc SA4, CT3, CT4  
 Source: Ericsson*

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

**S6-221249 Reply LS to the clarification of Dynamic EAS instantiation triggering**

*Type: LS out For: Approval  
 to SA5  
 Source: Intel*

**Decision:** The document was **revised to S6-221289**.

**S6-221289 Reply LS to the clarification of Dynamic EAS instantiation triggering**

*Type: LS out For: Approval  
 to SA5  
 Source: Intel*

(Replaces S6-221249)

**Decision:** The document was **revised to S6-221486**.

**S6-221486 Reply LS to the clarification of Dynamic EAS instantiation triggering**

*Type: LS out For: Approval  
 to SA5  
 Source: SA6*

(Replaces S6-221289)

**Discussion:**

As per draft S6-221289 rev 1 in which the rev marks have been removed.

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

**S6-221253 LS on N5 clarification for MBS usage**

*Type: LS out For: Approval  
 to SA2  
 Source: Huawei*

**Decision:** The document was **revised to S6-221440**.

**S6-221440 LS on N5 clarification for MBS usage**

*Type: LS out For: Approval  
 to SA2  
 Source: Huawei*

(Replaces S6-221253)

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

**S6-221485 LS on Clarification of Edge Node Sharing**

*Type: LS out For: Approval  
 to GSMA  
 Source: Huawei*

**Discussion:**

Late document discussed during the closing call.

Ericsson reqeusted more time to consider the proposed LS.

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

## 5 Items for early consideration

### 5.1 Working Agreements / Technical Votes

n/a

### 5.2 SA6 Vice-Chair Election

Chair reminded the meeting of the vice chair elections taking place during SA6#49-bis-e.

### 5.3 Others

n/a

## 6 Rel-16 Work Items

**S6-221252 Corrections to API invoker onboarding/offboarding in TS 23.222**

*Type: CR For: Agreement  
 23.222 v15.4.0 CR-0085 Cat: F (Rel-15)  
  
 Source: ETRI, Uangel*

**Abstract:**

In TS 23.222, CAPIF supports onboarding and offboarding of API invokers in the CAPIF core function via CAPIF-1 or CAPIF-1e. However, 1) the API invoker onboarding/offboarding is missing in the capabilities of API invokers and the supporting operations of CAPIF-1; and 2) the current text provides the same functionality in the API management function via CAPIF-5, which is misleading. While some additional features (e.g., granting or provisioning) for API invoker onboarding are addressed in the CAPIF-5 description, they are not implemented in the specification.

The presesent contribution proposes:

‐ Removing API invoker onboarding/offboarding from the capabilities of the API management function

‐ Removing API invoker onboarding/offboarding from the supporting operations of CAPIF-5

‐ Adding API invoker onboarding/offboarding to the capabilities of API invokers and the supporting operations of CAPIF-1.

**Discussion:**

The initial contribution was proposed for the Rel-16 version of the spec. (see S6-221032).

**Decision:** The document was **revised to S6-221262**.

**S6-221262 Corrections to API invoker onboarding/offboarding in TS 23.222**

*Type: CR For: Agreement  
 23.222 v15.4.0 CR-0085 rev 1 Cat: F (Rel-15)  
  
 Source: ETRI, Uangel*

(Replaces S6-221252)

**Abstract:**

In TS 23.222, CAPIF supports onboarding and offboarding of API invokers in the CAPIF core function via CAPIF-1 or CAPIF-1e. However, the API invoker onboarding/offboarding is missing in the capabilities of API invokers and the supporting operations of CAPIF-1.

‐ Added API invoker onboarding/offboarding to the capabilities of API invokers and the supporting operations of CAPIF-1

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

**S6-221032 Corrections to API invoker onboarding/offboarding in TS 23.222**

*Type: CR For: Agreement  
 23.222 v16.10.0 CR-0083 Cat: F (Rel-16)  
  
 Source: ETRI, Uangel*

**Abstract:**

See S6-221252 asbtract.

**Discussion:**

It was suggested to introduce the present correction also to Rel-15. Hence the present Rel-16 CR will become Cat A/mirror CR to the Rel-15 CR (to appear in S6-221252). Furthermore a Rel-17 CR will be prepared as S6-221251.

The discussion on draft S6-221032r1 continued during CC#7. Whether it was necessary to go back to Rel-15 was also discussed.

**Decision:** The document was **revised to S6-221263**.

**S6-221263 Corrections to API invoker onboarding/offboarding in TS 23.222**

*Type: CR For: Agreement  
 23.222 v16.10.0 CR-0083 rev 1 Cat: F (Rel-16)  
  
 Source: ETRI, Uangel*

(Replaces S6-221032)

**Abstract:**

See S6-221262 asbtract.

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

**S6-221251 Corrections to API invoker onboarding/offboarding in TS 23.222**

*Type: CR For: Agreement  
 23.222 v17.5.0 CR-0084 Cat: A (Rel-17)  
  
 Source: ETRI, Uangel*

**Abstract:**

See S6-221252 asbtract.

**Decision:** The document was **revised to S6-221264**.

**S6-221264 Corrections to API invoker onboarding/offboarding in TS 23.222**

*Type: CR For: Agreement  
 23.222 v17.5.0 CR-0084 rev 1 Cat: A (Rel-17)  
  
 Source: ETRI, Uangel*

(Replaces S6-221251)

**Abstract:**

See S6-221262 asbtract.

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

**S6-221265 Modification of API invoker onboarding/offboarding in TS 23.222**

*Type: CR For: Agreement  
 23.222 v17.5.0 CR-0086 Cat: C (Rel-18)  
  
 Source: ETRI, Uangel, Samsung*

**Abstract:**

In TS 23.222, CAPIF supports onboarding and offboarding of API invokers in the CAPIF core function via CAPIF-1 or CAPIF-1e.

Some additional features (i.e., granting or provisioning) for API invoker onboarding are also addressed in TS 23.222 as a capabilitiy of AMF via CAPIF-5 but they are out the scope of the specification as described in the Note 1 of clause 8.1.3.

In order to make the specification more complete, the missing features mentioned above need to be added in the specification with the relevant service operations and APIs.

The contribution proposes adding editors' notes for further study on API invoker onboarding/offboarding capability in the clauses 6.3.6 and 6.4.8.

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

## 7 Rel-17 Work Items

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

n/a

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

n/a

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

n/a

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

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

**S6-221021 Discussion on network slicing for MC services**

*Type: discussion For: Information  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

SA6 is discussing the implementation of necessary slicing configuration, with 2 conflicting bust mostly compatible proposals.

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

**S6-221023 Corrections on network slicing for MC services**

*Type: CR For: Agreement  
 23.289 v17.1.0 CR-0065 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Resolving unclear stage-2 network slicing requirements for mission critical services.

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

**S6-221024 Corrections on network slicing for MC services**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0066 Cat: A (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Resolving unclear stage-2 network slicing requirements for mission critical services.

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

**S6-221096 Updating network slicing requirements for MC services (Rel-18)**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0069 Cat: A (Rel-18)  
  
 Source: Ericsson*

**Discussion:**

Ericsson presented the draft S6-221096 rev 3 during the CC#2.

**Decision:** The document was **revised to S6-221266**.

**S6-221266 Updating network slicing requirements for MC services (Rel-18)**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0069 rev 1 Cat: A (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-221096)

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

**S6-221097 Updating network slicing requirements for MC services (Rel-17)**

*Type: CR For: Agreement  
 23.289 v17.1.0 CR-0070 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-221267**.

**S6-221267 Updating network slicing requirements for MC services (Rel-17)**

*Type: CR For: Agreement  
 23.289 v17.1.0 CR-0070 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces S6-221097)

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

### 7.6 EDGEAPP - Architecture for enabling Edge Applications

**S6-221064 update Solution #8**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: China Mobile E-Commerce Co.*

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

**S6-221136 Solve EN in ACR**

*Type: CR For: Approval  
 23.558 v17.3.0 CR-0103 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Summary of Change: Add a NOTE for ACR scenario combinations.

Remove EN in cl.8.8.2.5.

**Decision:** The document was **revised to S6-221402**.

**S6-221402 Solve EN in ACR**

*Type: CR For: Approval  
 23.558 v17.3.0 CR-0103 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces S6-221136)

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

**S6-221205 Correction to the supported functions of EDGE-9**

*Type: CR For: Agreement  
 23.558 v17.3.0 CR-0104 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Correction to the supported functions of EDGE-9

**Decision:** The document was **revised to S6-221412**.

**S6-221412 Correction to the supported functions of EDGE-9**

*Type: CR For: Agreement  
 23.558 v17.3.0 CR-0104 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-221205)

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

**S6-221206 Corrections to the requirements for subscription service**

*Type: CR For: Agreement  
 23.558 v17.3.0 CR-0105 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Corrections to the requirements for subscription service

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

**S6-221207 Corrections to the functions of EES and EAS**

*Type: CR For: Agreement  
 23.558 v17.3.0 CR-0106 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Corrections to the functions of EES and EAS

**Decision:** The document was **revised to S6-221413**.

**S6-221413 Corrections to the functions of EES and EAS**

*Type: CR For: Agreement  
 23.558 v17.3.0 CR-0106 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-221207)

**Decision:** The document was **revised to S6-221450**.

**S6-221450 Corrections to the functions of EES and EAS**

*Type: CR For: Agreement  
 23.558 v17.3.0 CR-0106 rev 2 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-221413)

**Discussion:**

As per S6-221413 rev 1.

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

**S6-221208 Editorial correction of the reference number format**

*Type: CR For: Agreement  
 23.558 v17.3.0 CR-0107 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Editorial correction of the reference number format

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

**S6-221209 Corrections for selected T-EAS declaration**

*Type: CR For: Agreement  
 23.558 v17.3.0 CR-0095 rev 2 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-220906)

**Abstract:**

Proposal for Corrections for selected T-EAS declaration

**Decision:** The document was **revised to S6-221414**.

**S6-221414 Corrections for selected T-EAS declaration**

*Type: CR For: Agreement  
 23.558 v17.3.0 CR-0095 rev 3 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-221209)

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

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

**S6-221137 Add location reference in HDmap**

*Type: CR For: Approval  
 23.286 v17.3.0 CR-0071 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Summary of Change: Added the requested V2X UE location as the referernce point for the distance info of nearby UE.

**Decision:** The document was **revised to S6-221398**.

**S6-221398 Add location reference in HDmap**

*Type: CR For: Approval  
 23.286 v17.3.0 CR-0071 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces S6-221137)

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

### 7.8 UASAPP - Application layer support for Unmanned Aerial System (UAS)

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

**S6-220986 QoS monitoring clarification**

*Type: CR For: (not specified)  
 23.434 v17.5.0 CR-0102 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-221404**.

**S6-221404 QoS monitoring clarification**

*Type: CR For: -  
 23.434 v17.5.0 CR-0102 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces S6-220986)

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

**S6-220996 QoS monitoring clarification**

*Type: CR For: (not specified)  
 23.434 v18.0.0 CR-0103 Cat: A (Rel-18)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-221405**.

**S6-221405 QoS monitoring clarification**

*Type: CR For: -  
 23.434 v18.0.0 CR-0103 rev 1 Cat: A (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-220996)

**Decision:** The document was **revised to S6-221451**.

**S6-221451 QoS monitoring clarification**

*Type: CR For: -  
 23.434 v18.0.0 CR-0103 rev 2 Cat: A (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-221405)

**Discussion:**

As per S6-221405 rev 1.

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

### 7.10 5GMARCH - Application Architecture for MSGin5G Service

n/a

## 8 Rel-18 Work-Items

### 8.1 MCOver5MBS - Mission Critical Services over 5MBS

**S6-221022 Architectural and functional model for 5G MBS mission critical UE**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0064 Cat: F (Rel-18)  
  
 Source: AT&T*

**Decision:** The document was **revised to S6-221280**.

**S6-221280 Architectural and functional model for 5G MBS mission critical UE**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0064 rev 1 Cat: F (Rel-18)  
  
 Source: AT&T*

(Replaces S6-221022)

**Decision:** The document was **revised to S6-221407**.

**S6-221407 Architectural and functional model for 5G MBS mission critical UE**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0064 rev 2 Cat: F (Rel-18)  
  
 Source: AT&T*

(Replaces S6-221280)

**Decision:** The document was **revised to S6-221408**.

**S6-221408 Architectural and functional model for 5G MBS mission critical UE**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0064 rev 3 Cat: F (Rel-18)  
  
 Source: AT&T*

(Replaces S6-221407)

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

**S6-221026 Rename “MBS service announcement” to “MBS session announcement” for self consistency in the spec**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0067 Cat: F (Rel-18)  
  
 Source: AT&T*

**Decision:** The document was **revised to S6-221282**.

**S6-221282 Rename “MBS service announcement” to “MBS session announcement” for self consistency in the spec**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0067 rev 1 Cat: F (Rel-18)  
  
 Source: AT&T*

(Replaces S6-221026)

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

**S6-221088 Call connect and disconnect over 5G MBS for MCData**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0068 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute India*

**Decision:** The document was **revised to S6-221342**.

**S6-221342 Call connect and disconnect over 5G MBS for MCData**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0068 rev 1 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute India*

(Replaces S6-221088)

**Decision:** The document was **revised to S6-221384**.

**S6-221384 Call connect and disconnect over 5G MBS for MCData**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0068 rev 2 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute India*

(Replaces S6-221342)

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

**S6-221099 Including MBS FSA ID into the location information report**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0071 Cat: C (Rel-18)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-221268**.

**S6-221268 Including MBS FSA ID into the location information report**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0071 rev 1 Cat: C (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-221099)

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

**S6-221100 Removing 5QI information element from the discover MBS session response**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0072 Cat: C (Rel-18)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-221269**.

**S6-221269 Removing 5QI information element from the discover MBS session response**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0072 rev 1 Cat: C (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-221100)

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

**S6-221101 Removing unicast bearer status from eMBMS bearer information**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0073 Cat: C (Rel-18)  
  
 Source: Ericsson*

**Abstract:**

The status of a unicast bearer is not required to be reported back to the MC service server. Its quality is taken care of by RAN. Therefore, there is no need to include the information element “unicast bearer status” among the eMBMS information in the MBS service announcement.

The present contribution proposes:

- removing unicast bearer status among the eMBMS bearer information from the MBS service announcement.

- updating the caption of table 7.3.2.1-1 to reflect a hybrid MBS service announcement.

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

**S6-221212 Add MBS service announcement acknowledge**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0074 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Add MBS service announcement acknowledge.

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

**S6-221213 Clarification on GC1 in clause 4.7**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0075 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Clarification on GC1 in clause 4.7

**Decision:** The document was **revised to S6-221415**.

**S6-221415 Clarification on GC1 in clause 4.7**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0075 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-221213)

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

**S6-221214 Format corrections to clause 7.3.2.9**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0076 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Format corrections to clause 7.3.2.9

**Decision:** The document was **revised to S6-221416**.

**S6-221416 Format corrections to clause 7.3.2.9**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0076 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-221214)

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

**S6-221215 Merge MBS UE session join notification to MBS listening status report**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0077 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Merge MBS UE session join notification to MBS listening status report

**Decision:** The document was **revised to S6-221417**.

**S6-221417 Merge MBS UE session join notification to MBS listening status report**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0077 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-221215)

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

**S6-221216 Update to de-announcement**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0078 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Update to de-announcement

**Decision:** The document was **revised to S6-221418**.

**S6-221418 Update to de-announcement**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0078 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-221216)

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

**S6-221217 R18 MCOver5MBS features summary**

*Type: discussion For: Information  
 Source: Huawei, Hisilicon*

**Abstract:**

Discussion paper on R18 MCOver5MBS features summary

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

### 8.2 MCOver5GProSe - Mission Critical Services over 5GProSe

**S6-221218 R18 MCOver5GProSe features summary**

*Type: discussion For: Information  
 Source: Huawei, Hisilicon*

**Abstract:**

Discussion paper on R18 MCOver5GProSe features summary

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

### 8.3 MCGWUE - Gateway UE function for Mission Critical Communication

**S6-221077 MC GW UnMapGroupToBearer request and response procedure**

*Type: CR For: Agreement  
 23.280 v18.1.0 CR-0328 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute India*

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

**S6-221105 IP Assignment support by MC Gateway UE**

*Type: CR For: Agreement  
 23.280 v18.1.0 CR-0332 Cat: B (Rel-18)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-221452**.

**S6-221452 IP Assignment support by MC Gateway UE**

*Type: CR For: Agreement  
 23.280 v18.1.0 CR-0332 rev 1 Cat: B (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-221105)

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

### 8.4 enh4MCPTT - Enhanced Mission Critical Push-to-talk architecture phase 4

**S6-221079 Allow the user to restrict the dissemination of the location information**

*Type: CR For: Agreement  
 23.280 v18.1.0 CR-0329 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute India*

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

**S6-221081 Allow the user to restrict the dissemination of the location information – MCPTT Configuration**

*Type: CR For: Agreement  
 23.281 v18.0.0 CR-0162 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute India*

**Decision:** The document was **revised to S6-221344**.

**S6-221344 Allow the user to restrict the dissemination of the location information – MCPTT Configuration**

*Type: CR For: Agreement  
 23.281 v18.0.0 CR-0162 rev 1 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute India*

(Replaces S6-221081)

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

**S6-221084 Allow the user to restrict the dissemination of the location information – MCData Configuration**

*Type: CR For: Agreement  
 23.282 v18.0.0 CR-0296 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute India*

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

**S6-221085 Allow the user to restrict the dissemination of the location information – MCPTT Configuration**

*Type: CR For: Agreement  
 23.379 v18.1.0 CR-0308 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute India*

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

**S6-221086 Auto affiliate to MCPTT group for remotely initiated MCPTT call request procedure**

*Type: CR For: Agreement  
 23.379 v18.1.0 CR-0309 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute India*

**Decision:** The document was **revised to S6-221343**.

**S6-221343 Auto affiliate to MCPTT group for remotely initiated MCPTT call request procedure**

*Type: CR For: Agreement  
 23.379 v18.1.0 CR-0309 rev 1 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute India*

(Replaces S6-221086)

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

### 8.5 IRail - Interconnection and Migration Aspects for Railways

**S6-220999 Alternative media path routing for migrated MC service users without inclusion of the primary MC system**

*Type: CR For: Agreement  
 23.280 v18.1.0 CR-0321 Cat: B (Rel-18)  
  
 Source: UIC, Nokia, Nokia Shanghai Bell, Kontron Transportation France*

**Decision:** The document was **revised to S6-221356**.

**S6-221356 Alternative media path routing for migrated MC service users without inclusion of the primary MC system**

*Type: CR For: Agreement  
 23.280 v18.1.0 CR-0321 rev 1 Cat: B (Rel-18)  
  
 Source: UIC, Nokia, Nokia Shanghai Bell, Kontron Transportation France*

(Replaces S6-220999)

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

**S6-221000 Decoupling signalling and media for MCData service capabilities**

*Type: CR For: Agreement  
 23.282 v18.0.0 CR-0295 Cat: B (Rel-18)  
  
 Source: UIC, Nokia, Nokia Shanghai Bel, Kontron Transportation France*

**Decision:** The document was **revised to S6-221358**.

**S6-221358 Decoupling signalling and media for MCData service capabilities**

*Type: CR For: Agreement  
 23.282 v18.0.0 CR-0295 rev 1 Cat: B (Rel-18)  
  
 Source: UIC, Nokia, Nokia Shanghai Bel, Kontron Transportation France*

(Replaces S6-221000)

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

**S6-221001 Decoupling signalling and media for MCData service capabilities**

*Type: CR For: Agreement  
 23.289 v18.1.0 CR-0063 Cat: B (Rel-18)  
  
 Source: UIC, Nokia, Nokia Shanghai Bel, Kontron Transportation France*

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

**S6-221002 Sharing location information across MC systems (functional model)**

*Type: CR For: Agreement  
 23.280 v18.1.0 CR-0322 Cat: B (Rel-18)  
  
 Source: BDBOS, Nokia, Nokia Shanghai Bell, UIC*

**Decision:** The document was **revised to S6-221273**.

**S6-221273 Sharing location information across MC systems (functional model)**

*Type: CR For: Agreement  
 23.280 v18.1.0 CR-0322 rev 1 Cat: B (Rel-18)  
  
 Source: BDBOS, Nokia, Nokia Shanghai Bell, UIC*

(Replaces S6-221002)

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

**S6-221003 Sharing location information across MC systems (on-demand)**

*Type: CR For: Agreement  
 23.280 v18.1.0 CR-0323 Cat: B (Rel-18)  
  
 Source: BDBOS, Nokia, Nokia Shanghai Bell, UIC*

**Decision:** The document was **revised to S6-221274**.

**S6-221274 Sharing location information across MC systems (on-demand)**

*Type: CR For: Agreement  
 23.280 v18.1.0 CR-0323 rev 1 Cat: B (Rel-18)  
  
 Source: BDBOS, Nokia, Nokia Shanghai Bell, UIC*

(Replaces S6-221003)

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

**S6-221004 Sharing location information across MC systems (triggered)**

*Type: CR For: Agreement  
 23.280 v18.1.0 CR-0324 Cat: B (Rel-18)  
  
 Source: BDBOS, Nokia, Nokia Shanghai Bell, UIC*

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

**S6-221005 Sharing location information across MC systems (subscription)**

*Type: CR For: Agreement  
 23.280 v18.1.0 CR-0325 Cat: B (Rel-18)  
  
 Source: BDBOS, Nokia, Nokia Shanghai Bell, UIC*

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

**S6-221006 Sharing location information across MC systems (configuration)**

*Type: CR For: Agreement  
 23.280 v18.1.0 CR-0326 Cat: B (Rel-18)  
  
 Source: BDBOS, Nokia, Nokia Shanghai Bell, UIC*

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

**S6-221027 Functional alias support for migrated users**

*Type: CR For: Agreement  
 23.280 v18.1.0 CR-0327 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, Kontron Transportation France, UIC*

**Abstract:**

It is clarified that the list of functional aliases configured and used in the partner MC system is different from the list of functional aliases used in the home MC system.

**Decision:** The document was **revised to S6-221346**.

**S6-221346 Functional alias support for migrated users**

*Type: CR For: Agreement  
 23.280 v18.1.0 CR-0327 rev 1 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, Kontron Transportation France, UIC*

(Replaces S6-221027)

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

**S6-221028 Migration during an ongoing private communication**

*Type: CR For: Agreement  
 23.280 v18.1.0 CR-0316 rev 2 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, UIC*

(Replaces S6-220757)

**Abstract:**

A new generic procedure is added which allows private communications to be continued after migration.

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

**S6-221103 Migration procedure during and ongoing private communication**

*Type: CR For: Agreement  
 23.280 v18.1.0 CR-0330 Cat: B (Rel-18)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-221270**.

**S6-221270 Migration procedure during and ongoing private communication**

*Type: CR For: Agreement  
 23.280 v18.1.0 CR-0330 rev 1 Cat: B (Rel-18)  
  
 Source: Ericsson, Nokia, Nokia Shanghai Bell, Huawei*

(Replaces S6-221103)

**Decision:** The document was **revised to S6-221453**.

**S6-221453 Migration procedure during and ongoing private communication**

*Type: CR For: Agreement  
 23.280 v18.1.0 CR-0330 rev 2 Cat: B (Rel-18)  
  
 Source: Ericsson, Nokia, Nokia Shanghai Bell, Huawei*

(Replaces S6-221270)

**Discussion:**

As per S6-221270 rev 1.

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

**S6-221104 Allow no roaming migration**

*Type: CR For: Agreement  
 23.280 v18.1.0 CR-0331 Cat: B (Rel-18)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-221271**.

**S6-221271 Allow no roaming migration**

*Type: CR For: Agreement  
 23.280 v18.1.0 CR-0331 rev 1 Cat: B (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-221104)

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

**S6-221219 Migration during an ongoing private communication**

*Type: CR For: Agreement  
 23.280 v18.1.0 CR-0333 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Migration during an ongoing private communication

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

### 8.6 FFAPP - Application layer support for Factories of the Future (FF)

**S6-221017 Identities**

*Type: pCR For: Approval  
 23.545 v0.4.0  
 Source: ZTE Corporation*

**Decision:** The document was **revised to S6-221283**.

**S6-221283 Identities**

*Type: pCR For: Approval  
 23.545 v0.4.0  
 Source: ZTE Corporation*

(Replaces S6-221017)

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

**S6-221018 Usage of SEAL Identity management services**

*Type: pCR For: Approval  
 23.545 v0.4.0  
 Source: ZTE Corporation*

**Abstract:**

This contribution provides a proposal for FFAPP usage of SEAL Identity management services.

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

**S6-221019 Usage of SEAL key management services**

*Type: pCR For: Approval  
 23.545 v0.4.0  
 Source: ZTE Corporation*

**Decision:** The document was **revised to S6-221284**.

**S6-221284 Usage of SEAL key management services**

*Type: pCR For: Approval  
 23.545 v0.4.0  
 Source: ZTE Corporation*

(Replaces S6-221019)

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

**S6-221020 Usage of SEAL Configuration management services**

*Type: pCR For: Approval  
 23.545 v0.4.0  
 Source: ZTE Corporation*

**Decision:** The document was **revised to S6-221285**.

**S6-221285 Usage of SEAL Configuration management services**

*Type: pCR For: Approval  
 23.545 v0.4.0  
 Source: ZTE Corporation*

(Replaces S6-221020)

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

**S6-221192 Establish FFA-2 based on unilateral request**

*Type: pCR For: Approval  
 23.545 v0.4.0  
 Source: Convida Wireless LLC*

**Decision:** The document was **revised to S6-221383**.

**S6-221383 Establish FFA-2 based on unilateral request**

*Type: pCR For: Approval  
 23.545 v0.4.0  
 Source: Convida Wireless LLC*

(Replaces S6-221192)

**Discussion:**

During closing call there was discussion on whether this proposal should go in to SEAL instead.

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

**S6-221211 IEs for procedure in clause 7.1**

*Type: pCR For: Approval  
 23.545 v0.4.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for IEs for procedure in clause 7.1

**Discussion:**

During closing call there was discussion on whether this proposal should go in to SEAL instead.

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

### 8.7 eSEAL2 - Enhanced Service Enabler Architecture Layer for Verticals Phase 2

**S6-221098 eSEAL2-Discussion paper on notification management service**

*Type: discussion For: Information  
 23.434 v..  
 Source: Samsung Electronics France SA, ATT*

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

**S6-221102 SEAL Notification Management service – Functional Model**

*Type: CR For: Agreement  
 23.434 v18.0.0 CR-0104 Cat: B (Rel-18)  
  
 Source: Samsung Electronics France SA,, AT&T*

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

**S6-221160 SEAL Notification Management Service - Information Flows and Procedures**

*Type: CR For: Agreement  
 23.434 v18.0.0 CR-0105 Cat: B (Rel-18)  
  
 Source: Samsung Electronics France SA,, AT&T*

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

**S6-221168 Discussion on Need for SEAL registrar**

*Type: discussion For: Discussion  
 Source: Samsung*

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

**S6-221169 SEAL Registrar service**

*Type: CR For: Agreement  
 23.434 v18.0.0 CR-0106 Cat: B (Rel-18)  
  
 Source: Samsung*

**Decision:** The document was **revised to S6-221392**.

**S6-221392 SEAL Registrar service**

*Type: CR For: Agreement  
 23.434 v18.0.0 CR-0106 rev 1 Cat: B (Rel-18)  
  
 Source: Samsung*

(Replaces S6-221169)

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

**S6-221210 Sharing location information across VAL servers**

*Type: CR For: Agreement  
 23.434 v18.0.0 CR-0098 rev 2 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon, Kyonggi University*

(Replaces S6-220909)

**Abstract:**

Proposal for Sharing location information across VAL servers

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

### 8.8 5GMARCH\_Ph2 - New WID on support of the MSGin5G Service phase 2

**S6-221067 Clarify relationship between store forward and device triggering**

*Type: CR For: Approval  
 23.554 v17.2.0 CR-0040 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **revised to S6-221304**.

**S6-221304 Clarify relationship between store forward and device triggering**

*Type: CR For: Approval  
 23.554 v17.2.0 CR-0040 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-221067)

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

**S6-221069 Remove the EN of broadcast in clause 10.4**

*Type: CR For: Approval  
 23.554 v17.2.0 CR-0041 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **revised to S6-221305**.

**S6-221305 Remove the EN of broadcast in clause 10.4**

*Type: CR For: Approval  
 23.554 v17.2.0 CR-0041 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-221069)

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

**S6-221118 Removal of ENs with no action**

*Type: CR For: Agreement  
 23.554 v17.2.0 CR-0042 Cat: D (Rel-18)  
  
 Source: China Mobile Com. Corporation*

**Abstract:**

The definition of MSGin5G Server address has already added in clause 6.7, but the related EN in clause 8.1.3 has not been removed.

The present contribution proposes removal of EN in clause 8.1.3 with no action.

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

**S6-221120 Messaging Topic handling between different MSGin5G Servers**

*Type: CR For: Agreement  
 23.554 v17.2.0 CR-0043 Cat: B (Rel-18)  
  
 Source: China Mobile Com. Corporation*

**Discussion:**

CMCC presented the S6-221120 during CC#5.

**Decision:** The document was **revised to S6-221276**.

**S6-221276 Messaging Topic handling between different MSGin5G Servers**

*Type: CR For: Agreement  
 23.554 v17.2.0 CR-0043 rev 1 Cat: B (Rel-18)  
  
 Source: China Mobile Com. Corporation*

(Replaces S6-221120)

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

**S6-221124 Message delivery based on Messaging Topic for different PLMNs**

*Type: CR For: Agreement  
 23.554 v17.2.0 CR-0044 Cat: B (Rel-18)  
  
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S6-221277**.

**S6-221277 Message delivery based on Messaging Topic for different PLMNs**

*Type: CR For: Agreement  
 23.554 v17.2.0 CR-0044 rev 1 Cat: B (Rel-18)  
  
 Source: China Mobile Com. Corporation*

(Replaces S6-221124)

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

**S6-221129 Update of MSGin5G UE registration**

*Type: CR For: Agreement  
 23.554 v17.2.0 CR-0045 Cat: C (Rel-18)  
  
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S6-221278**.

**S6-221278 Update of MSGin5G UE registration**

*Type: CR For: Agreement  
 23.554 v17.2.0 CR-0045 rev 1 Cat: C (Rel-18)  
  
 Source: China Mobile Com. Corporation*

(Replaces S6-221129)

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

**S6-221133 Update of Non-MSGin5G UE registration**

*Type: CR For: Agreement  
 23.554 v17.2.0 CR-0046 Cat: C (Rel-18)  
  
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S6-221279**.

**S6-221279 Update of Non-MSGin5G UE registration**

*Type: CR For: Agreement  
 23.554 v17.2.0 CR-0046 rev 1 Cat: C (Rel-18)  
  
 Source: China Mobile Com. Corporation*

(Replaces S6-221133)

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

## 9 Rel-18 Study Items

### 9.1 FS\_MCOver5GS - Study on Mission Critical Services support over 5G System

n/a

### 9.2 FS\_MCShAC - Study on sharing of administrative configuration between interconnected MC service systems

**S6-221007 pCR on profiles for visiting MC service user requirements**

*Type: pCR For: Approval  
 23.700-38 v0.2.0  
 Source: BDBOS*

**Decision:** The document was **revised to S6-221374**.

**S6-221374 pCR on profiles for visiting MC service user requirements**

*Type: pCR For: Approval  
 23.700-38 v0.2.0  
 Source: BDBOS*

(Replaces S6-221007)

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

**S6-221008 pCR on information and selection of group communication requirements**

*Type: pCR For: Approval  
 23.700-38 v0.2.0  
 Source: BDBOS*

**Decision:** The document was **revised to S6-221375**.

**S6-221375 pCR on information and selection of group communication requirements**

*Type: pCR For: Approval  
 23.700-38 v0.2.0  
 Source: BDBOS*

(Replaces S6-221008)

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

**S6-221009 pCR on user and group MC service registration requirements**

*Type: pCR For: Approval  
 23.700-38 v0.2.0  
 Source: BDBOS*

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

**S6-221059 Introducing KI on user authorization**

*Type: pCR For: Approval  
 23.700-38 v0.2.0  
 Source: BDBOS*

(Replaces S6-220539)

**Abstract:**

This pCR provides a new KI on user authorization.

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

**S6-221060 pCR on functional architecture**

*Type: pCR For: Approval  
 23.700-38 v0.2.0  
 Source: BDBOS, Nokia*

**Discussion:**

BDBOS presented the S6-221060 during CC#5.

FirstNet noted that the MC Service Server for MCPTT (MCPTT server) cannot adjust the group membership. The reference points are often used by the MC Service Server in a client role, not in a server role.

Motorola Solutions made remark that it would be better to touch upon a procedure for a particular use case in a solution, and then decide if any change to the functional model is needed. They further remarked based on the dsicussion that maybe "authorized user" should read "administrator".

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

**S6-221061 pCR on KI for secure exchange between MC systems**

*Type: pCR For: Approval  
 23.700-38 v0.2.0  
 Source: BDBOS*

**Abstract:**

The pCR proposes adding a key issue addressing the secure administrative configurations exchange between interconnected MC systems without compromising the integrity and security, and respecting the topology hiding for involved MC systems.

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

**S6-221062 pCR on architectural requirements for secure exchange between MC systems**

*Type: pCR For: Approval  
 23.700-38 v0.2.0  
 Source: BDBOS*

**Abstract:**

This pCR provides the architectural requirements for secure administrative configuration exchange between MC systems.

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

**S6-221359 Withdrawn**

*Type: pCR For: Approval  
 23.700-38 v0.2.0  
 Source: BDBOS*

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

### 9.3 FS\_MCAHGC - Study on Mission Critical Ad hoc Group Communications Support for Mission Critical Services

**S6-221089 Solution evaluation for ad hoc group communicaton set up and release - Solution 1**

*Type: pCR For: (not specified)  
 23.700-76 v0.2.0  
 Source: Samsung Electronics France SA*

**Decision:** The document was **revised to S6-221441**.

**S6-221441 Solution evaluation for ad hoc group communicaton set up and release - Solution 1**

*Type: pCR For: -  
 23.700-76 v0.2.0  
 Source: Samsung Electronics France SA*

(Replaces S6-221089)

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

**S6-221090 Solution evaluation for configuration parameters required for ad hoc group communication**

*Type: pCR For: (not specified)  
 23.700-76 v0.2.0  
 Source: Samsung Electronics France SA*

**Abstract:**

This pCR is to add a solution evaluation for the Solution 3 which is related to the configuration parameters required for the ad hoc group communication.

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

**S6-221091 Solution proposal for Modifying participants list of on-going ad hoc group communication**

*Type: pCR For: (not specified)  
 23.700-76 v0.2.0  
 Source: Samsung Electronics France SA, Kontron Transportation France*

**Decision:** The document was **revised to S6-221362**.

**S6-221362 Solution proposal for Modifying participants list of on-going ad hoc group communication**

*Type: pCR For: -  
 23.700-76 v0.2.0  
 Source: Samsung Electronics France SA, Kontron Transportation France*

(Replaces S6-221091)

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

**S6-221092 Proposal for overall evaluation and other changes**

*Type: pCR For: (not specified)  
 23.700-76 v0.2.0  
 Source: Samsung Electronics France SA*

**Abstract:**

This pCR is to add description to the clause 8 Overall evaluation and also handles the editor’s notes specified in Clause 5 and Clause 6.

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

### 9.4 FS\_NSCALE - Study on Network Slice Capability Exposure for Application Layer Enablement

**S6-221029 Update the KI #11 on application layer slice SLA alignment capability**

*Type: pCR For: Approval  
 23.700-99 v1.1.0  
 Source: HUAWEI TECHNOLOGIES Co. Ltd.*

**Decision:** The document was **revised to S6-221286**.

**S6-221286 Update the KI #11 on application layer slice SLA alignment capability**

*Type: pCR For: Approval  
 23.700-99 v1.1.0  
 Source: HUAWEI TECHNOLOGIES Co. Ltd.*

(Replaces S6-221029)

**Decision:** The document was **revised to S6-221454**.

**S6-221454 Update the KI #11 on application layer slice SLA alignment capability**

*Type: pCR For: Approval  
 23.700-99 v1.1.0  
 Source: HUAWEI TECHNOLOGIES Co. Ltd.*

(Replaces S6-221286)

**Discussion:**

As per S6-221286 rev 1.

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

**S6-221030 Solution to KI #11 on application layer slice SLA alignment capability**

*Type: pCR For: Approval  
 23.700-99 v1.1.0  
 Source: Huawei, AsiaInfo*

**Decision:** The document was **revised to S6-221287**.

**S6-221287 Solution to KI #11 on application layer slice SLA alignment capability**

*Type: pCR For: Approval  
 23.700-99 v1.1.0  
 Source: Huawei, AsiaInfo*

(Replaces S6-221030)

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

**S6-221042 Architectural requirements update**

*Type: pCR For: Approval  
 23.700-99 v1.1.0  
 Source: China Mobile (Hangzhou) Inf.*

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

**S6-221043 Performance management requirements update**

*Type: pCR For: Approval  
 23.700-99 v1.1.0  
 Source: China Mobile (Hangzhou) Inf.*

**Decision:** The document was **revised to S6-221281**.

**S6-221281 Performance management requirements update**

*Type: pCR For: Approval  
 23.700-99 v1.1.0  
 Source: China Mobile (Hangzhou) Inf.*

(Replaces S6-221043)

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

**S6-221053 Remove EN from Solution 10**

*Type: pCR For: Approval  
 23.700-99 v1.1.0  
 Source: China Mobile (Hangzhou) Inf.*

**Abstract:**

This contribution proposes text to remove EN from solution 10.

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

**S6-221063 Architectural requirements update**

*Type: pCR For: Approval  
 23.700-99 v1.1.0  
 Source: China Mobile (Hangzhou) Inf.*

**Abstract:**

This contribution proposes text for architectural requirements update.

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

**S6-221075 NS Info delivery general**

*Type: pCR For: (not specified)  
 23.700-99 v1.1.0  
 Source: Samsung Electronics*

(Replaces S6-220836)

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

**S6-221076 NS Info delivery with VAL request**

*Type: pCR For: (not specified)  
 23.700-99 v1.1.0  
 Source: Samsung Electronics*

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

**S6-221078 NS Info Delivery with subscription**

*Type: pCR For: (not specified)  
 23.700-99 v1.1.0  
 Source: Samsung Electronics*

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

**S6-221080 NS Info Notify**

*Type: pCR For: (not specified)  
 23.700-99 v1.1.0  
 Source: Samsung Electronics*

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

**S6-221082 NS Info delivery in Registration phase**

*Type: pCR For: (not specified)  
 23.700-99 v1.1.0  
 Source: Samsung Electronics*

(Replaces S6-220840)

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

**S6-221083 NS Creation by VAL server**

*Type: pCR For: (not specified)  
 23.700-99 v1.1.0  
 Source: Samsung Electronics*

**Decision:** The document was **revised to S6-221341**.

**S6-221341 NS Creation by VAL server**

*Type: pCR For: -  
 23.700-99 v1.1.0  
 Source: Samsung Electronics*

(Replaces S6-221083)

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

**S6-221121 Cardinality rules for NSCALE**

*Type: pCR For: (not specified)  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

**Decision:** The document was **revised to S6-221291**.

**S6-221291 Cardinality rules for NSCALE**

*Type: pCR For: -  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-221121)

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

**S6-221122 Service area for NSCE**

*Type: pCR For: (not specified)  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

**Decision:** The document was **revised to S6-221292**.

**S6-221292 Service area for NSCE**

*Type: pCR For: -  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-221122)

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

**S6-221123 Deployment models**

*Type: pCR For: (not specified)  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

**Abstract:**

The NSCE services have different deployment models in the scenarios regarding to the EDGE and NPN. This proposal describes examples of deployment models with respect to different deployment scenarios.

Also, the NSCE server should support the centralized and distributed deployment; the NSCE server(s) will have different deployment models and different relation with VAL server and 3GPP system. This proposal also describes examples of deployment models of NSCE server(s) in relation to VAL server and 3GPP system.

**Discussion:**

CMCC presented the draft rev 1 during the CC#3.

**Decision:** The document was **revised to S6-221293**.

**S6-221293 Deployment models**

*Type: pCR For: -  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-221123)

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

**S6-221125 KI 12 update**

*Type: pCR For: (not specified)  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

**Decision:** The document was **revised to S6-221294**.

**S6-221294 KI 12 update**

*Type: pCR For: -  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-221125)

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

**S6-221126 Interaction between the NSCE servers**

*Type: pCR For: (not specified)  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

**Decision:** The document was **revised to S6-221295**.

**S6-221295 Interaction between the NSCE servers**

*Type: pCR For: -  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-221126)

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

**S6-221127 Solve the EN in KI#2**

*Type: pCR For: (not specified)  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

**Decision:** The document was **revised to S6-221296**.

**S6-221296 Solve the EN in KI#2**

*Type: pCR For: -  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-221127)

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

**S6-221128 Solve the EN in KI#7**

*Type: pCR For: (not specified)  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

**Decision:** The document was **revised to S6-221297**.

**S6-221297 Solve the EN in KI#7**

*Type: pCR For: -  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-221128)

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

**S6-221130 Network slice optimization based on AF policy**

*Type: pCR For: (not specified)  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

**Decision:** The document was **revised to S6-221298**.

**S6-221298 Network slice optimization based on AF policy**

*Type: pCR For: -  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-221130)

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

**S6-221131 Overall evaluation update**

*Type: pCR For: (not specified)  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

**Decision:** The document was **revised to S6-221299**.

**S6-221299 Overall evaluation update**

*Type: pCR For: -  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-221131)

**Decision:** The document was **revised to S6-221455**.

**S6-221455 Overall evaluation update**

*Type: pCR For: -  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-221299)

**Discussion:**

As per S6-221299 rev 2.

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

**S6-221132 Conclusion**

*Type: pCR For: (not specified)  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

**Decision:** The document was **revised to S6-221300**.

**S6-221300 Conclusion**

*Type: pCR For: -  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-221132)

**Decision:** The document was **revised to S6-221456**.

**S6-221456 Conclusion**

*Type: pCR For: -  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-221300)

**Discussion:**

As per S6-221300 rev 1.

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

**S6-221151 EN resolution for Solution 3**

*Type: pCR For: Approval  
 23.700-99 v1.1.0  
 Source: Lenovo Future Communications*

**Abstract:**

This contribution resolves the ENs related to Solution #3.

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

**S6-221152 Annex on business models and relationships**

*Type: pCR For: Approval  
 23.700-99 v1.1.0  
 Source: Lenovo Future Communications*

**Abstract:**

This contribution discusses possible business models for NSCALE.

**Decision:** The document was **revised to S6-221348**.

**S6-221348 Annex on business models and relationships**

*Type: pCR For: Approval  
 23.700-99 v1.1.0  
 Source: Lenovo Future Communications*

(Replaces S6-221152)

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

**S6-221173 Pseudo-CR on solution evaluation for solution 9**

*Type: pCR For: Approval  
 23.700-99 v1.1.0  
 Source: Samsung*

**Decision:** The document was **revised to S6-221396**.

**S6-221396 Pseudo-CR on solution evaluation for solution 9**

*Type: pCR For: Approval  
 23.700-99 v1.1.0  
 Source: Samsung*

(Replaces S6-221173)

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

**S6-221190 UE triggered NS adaptation**

*Type: pCR For: Approval  
 23.700-99 v1.1.0  
 Source: Convida Wireless LLC*

**Decision:** The document was **revised to S6-221314**.

**S6-221314 UE triggered NS adaptation**

*Type: pCR For: Approval  
 23.700-99 v1.1.0  
 Source: Convida Wireless LLC*

(Replaces S6-221190)

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

### 9.5 FS\_SNAAPP - Study on application enablement aspects for subscriber-aware northbound API access

**S6-221106 Clarification of the functional model**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: NTT DOCOMO*

**Abstract:**

This contribution proposes to clarify the functional models for different API provider scenarios.

**Discussion:**

NTT DOCOMO presented the S6-221106 rev 2 during CC#7.

**Decision:** The document was **revised to S6-221363**.

**S6-221363 Clarification of the functional model**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: NTT DOCOMO*

(Replaces S6-221106)

**Decision:** The document was **revised to S6-221457**.

**S6-221457 Clarification of the functional model**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: NTT DOCOMO, Huawei*

(Replaces S6-221363)

**Discussion:**

As per S6-221363 rev 4.

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

**S6-221107 Resolving Editor's Note about CAPIF-8**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: NTT DOCOMO*

**Abstract:**

This contribution proposes to resolve the EN about CAPIF-8.

**Decision:** The document was **revised to S6-221364**.

**S6-221364 Resolving Editor's Note about CAPIF-8**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: NTT DOCOMO*

(Replaces S6-221107)

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

**S6-221108 Resolving Editor's Note about resource owner registration**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: NTT DOCOMO*

**Abstract:**

This contribution proposes to resolve the EN about resource owner registration.

**Decision:** The document was **revised to S6-221365**.

**S6-221365 Resolving Editor's Note about resource owner registration**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: NTT DOCOMO*

(Replaces S6-221108)

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

**S6-221109 Replacing user consent with resource owner consent**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: NTT DOCOMO*

**Abstract:**

This contribution proposes to fix the terminology.

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

**S6-221110 Cleaning up the document format**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: NTT DOCOMO*

**Abstract:**

This contribution proposes to clean up the document format.

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

**S6-221111 Editorial change in clause titles**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: NTT DOCOMO*

**Abstract:**

This contribution proposes to fix the titles of clauses 6.5.1, 6.6.1 and 6.6.2.

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

**S6-221112 FS\_SNAAPP Overall evaluations**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: NTT DOCOMO*

**Abstract:**

This contribution proposes to modify the overalls evaluations of the TR.

**Decision:** The document was **revised to S6-221366**.

**S6-221366 FS\_SNAAPP Overall evaluations**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: NTT DOCOMO*

(Replaces S6-221112)

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

**S6-221113 FS\_SNAAPP Conclusions**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: NTT DOCOMO*

**Abstract:**

This contribution proposes the conclusions of the TR.

**Decision:** The document was **revised to S6-221367**.

**S6-221367 FS\_SNAAPP Conclusions**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: NTT DOCOMO*

(Replaces S6-221113)

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

**S6-221191 UE API Invoker onboarding solution**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: Convida Wireless LLC*

**Discussion:**

Convida presented the document S6-221191 during the CC#7.

**Decision:** The document was **revised to S6-221315**.

**S6-221315 UE API Invoker onboarding solution**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: Convida Wireless LLC*

(Replaces S6-221191)

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

**S6-221203 Pseudo-CR on Update overall evaluation for Key Issue #4**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: Samsung*

**Abstract:**

The pCR proposes updating the overall evaluation aligning to the solution #6 update.

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

**S6-221241 Resolving location of Authorization Function in CAPIF**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Resolving location of Authorization Function in CAPIF

**Discussion:**

Document S6-221241 was discussed during CC#7.

**Decision:** The document was **revised to S6-221437**.

**S6-221437 Resolving location of Authorization Function in CAPIF**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: Huawei, Hisilicon*

(Replaces S6-221241)

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

**S6-221242 Resolving EN on CAPIF-8**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Resolving EN on CAPIF-8

**Decision:** The document was **revised to S6-221438**.

**S6-221438 Resolving EN on CAPIF-8**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: Huawei, Hisilicon*

(Replaces S6-221242)

**Discussion:**

As per S6-221438 rev 1.

**Decision:** The document was **revised to S6-221458**.

**S6-221458 Resolving EN on CAPIF-8**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: Huawei, Hisilicon, NTT DOCOMO*

(Replaces S6-221438)

**Discussion:**

As per S6-221438 rev 1.

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

**S6-221245 RO registration enhancements**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: Convida Wireless LLC*

**Discussion:**

Convida presented the document S6-221245 during the CC#7.

**Decision:** The document was **revised to S6-221316**.

**S6-221316 RO registration enhancements**

*Type: pCR For: Approval  
 23.700-95 v1.2.0  
 Source: Convida Wireless LLC*

(Replaces S6-221245)

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

### 9.6 FS\_ACE\_IOT - Study on Application Capability Exposure for IoT Platforms

**S6-221171 Pseudo-CR on resolving ENs for solution #1**

*Type: pCR For: Approval  
 23.700-97 v0.6.0  
 Source: Samsung*

**Decision:** The document was **revised to S6-221394**.

**S6-221394 Pseudo-CR on resolving ENs for solution #1**

*Type: pCR For: Approval  
 23.700-97 v0.6.0  
 Source: Samsung*

(Replaces S6-221171)

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

**S6-221172 Pseudo-CR on solution evaluation for solution#1**

*Type: pCR For: Approval  
 23.700-97 v0.6.0  
 Source: Samsung*

**Decision:** The document was **revised to S6-221395**.

**S6-221395 Pseudo-CR on solution evaluation for solution#1**

*Type: pCR For: Approval  
 23.700-97 v0.6.0  
 Source: Samsung*

(Replaces S6-221172)

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

**S6-221177 UE activity pattern and monitoring solution**

*Type: pCR For: Approval  
 23.700-97 v0.6.0  
 Source: Convida Wireless LLC*

**Decision:** The document was **revised to S6-221306**.

**S6-221306 UE activity pattern and monitoring solution**

*Type: pCR For: Approval  
 23.700-97 v0.6.0  
 Source: Convida Wireless LLC*

(Replaces S6-221177)

**Discussion:**

Draft S6-221306 rev 2.

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

**S6-221178 BDT configuration solution**

*Type: pCR For: Decision  
 23.700-97 v0.6.0  
 Source: Convida Wireless LLC*

**Decision:** The document was **revised to S6-221307**.

**S6-221307 BDT configuration solution**

*Type: pCR For: Decision  
 23.700-97 v0.6.0  
 Source: Convida Wireless LLC*

(Replaces S6-221178)

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

**S6-221179 NIDD configuration solution**

*Type: pCR For: Approval  
 23.700-97 v0.6.0  
 Source: Convida Wireless LLC*

**Decision:** The document was **revised to S6-221308**.

**S6-221308 NIDD configuration solution**

*Type: pCR For: Approval  
 23.700-97 v0.6.0  
 Source: Convida Wireless LLC*

(Replaces S6-221179)

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

### 9.7 FS\_5GFLS - Study on 5G-enabled fused location service capability exposure

**S6-221045 Discussion on Fused Location Server Architecture**

*Type: discussion For: Approval  
 23.700-96 v..  
 Source: CATT*

(Replaces S6-220667)

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

**S6-221046 Pseudo-CR on solution#1 update**

*Type: pCR For: Approval  
 23.700-96 v0.5.0  
 Source: CATT*

(Replaces S6-220842)

**Abstract:**

This contribution updates architecture for fused location service and provides evaluation for solution#1.

**Discussion:**

CATT presented the draft S6-221046 rev 2 during the CC#4.

Samsung suggested going with one architecture diagram only (for the sae solution).

Ericsson agreed with the view of Samsung and further noted 23.273 has mutiple PLMN support in LCS: 6.9.4 NI-LR Procedures when a UE is served by Different PLMNs for 3GPP access and non-3GPP access.

Samsung futher remarked they were not against documenting multiple solutions in the TR, but thought documenting two architecture options as Solution#1 was confusing.

**Decision:** The document was **revised to S6-221371**.

**S6-221371 Pseudo-CR on solution#1 update**

*Type: pCR For: Approval  
 23.700-96 v0.5.0  
 Source: CATT*

(Replaces S6-221046)

**Decision:** The document was **revised to S6-221487**.

**S6-221487 Pseudo-CR on solution#1 update**

*Type: pCR For: Approval  
 23.700-96 v0.5.0  
 Source: CATT*

(Replaces S6-221371)

**Discussion:**

As per draft S6-221371 rev 2 + deletion of the last paragraph of the solution evaluation.

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

**S6-221049 Pseudo-CR on solution for supporting geo-fencing applications**

*Type: pCR For: Approval  
 23.700-96 v0.5.0  
 Source: CATT*

(Replaces S6-220843)

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

**S6-221257 Pseudo-CR on update KI#6**

*Type: pCR For: Approval  
 23.700-96 v0.5.0  
 Source: CATT*

**Decision:** The document was **revised to S6-221461**.

**S6-221461 Pseudo-CR on update KI#6**

*Type: pCR For: Approval  
 23.700-96 v0.5.0  
 Source: CATT*

(Replaces S6-221257)

**Discussion:**

As per draft S6-221257 rev 1.

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

**S6-221050 Pseudo-CR on new solution for Multi-USIM Hybrid Location**

*Type: pCR For: Approval  
 23.700-96 v0.5.0  
 Source: CATT*

**Discussion:**

CATT presented the draft S6-221050 rev 2 during the CC#4.

**Decision:** The document was **revised to S6-221372**.

**S6-221372 Pseudo-CR on new solution for Multi-USIM Hybrid Location**

*Type: pCR For: Approval  
 23.700-96 v0.5.0  
 Source: CATT*

(Replaces S6-221050)

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

**S6-221051 Pseudo-CR on solution#4 update**

*Type: pCR For: Approval  
 23.700-96 v0.5.0  
 Source: CATT*

**Discussion:**

CATT presented the draft S6-221051 rev 1 during the CC#4.

**Decision:** The document was **revised to S6-221373**.

**S6-221373 Pseudo-CR on solution#4 update**

*Type: pCR For: Approval  
 23.700-96 v0.5.0  
 Source: CATT*

(Replaces S6-221051)

**Decision:** The document was **revised to S6-221459**.

**S6-221459 Pseudo-CR on solution#4 update**

*Type: pCR For: Approval  
 23.700-96 v0.5.0  
 Source: CATT*

(Replaces S6-221373)

**Discussion:**

As per S6-221373 rev 1.

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

**S6-221202 Pseudo-CR on update to solution#3**

*Type: pCR For: Approval  
 23.700-96 v0.5.0  
 Source: Samsung*

**Discussion:**

Samsung presented the S6-221202 during the CC#4.

**Decision:** The document was **revised to S6-221389**.

**S6-221389 Pseudo-CR on update to solution#3**

*Type: pCR For: Approval  
 23.700-96 v0.5.0  
 Source: Samsung*

(Replaces S6-221202)

**Decision:** The document was **revised to S6-221460**.

**S6-221460 Pseudo-CR on update to solution#3**

*Type: pCR For: Approval  
 23.700-96 v0.5.0  
 Source: Samsung*

(Replaces S6-221389)

**Discussion:**

As per S6-221460 rev 1.

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

### 9.8 FS\_eEDGEAPP - Study on enhanced Application Architecture for enabling Edge Applications

**S6-221010 Edge Notification Server EN resolution and evaluation**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: AT&T GNS Belgium SPRL*

**Decision:** The document was **revised to S6-221272**.

**S6-221272 Edge Notification Server EN resolution and evaluation**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: AT&T GNS Belgium SPRL*

(Replaces S6-221010)

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

**S6-221033 Common EAS selection solution**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Ericsson*

(Replaces S6-220869)

**Discussion:**

Ericsson presented the doc S6-221138 during the CC#6.

**Decision:** The document was **revised to S6-221403**.

**S6-221403 Common EAS selection solution**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Ericsson*

(Replaces S6-221033)

**Decision:** The document was **revised to S6-221467**.

**S6-221467 Common EAS selection solution**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Ericsson*

(Replaces S6-221403)

**Discussion:**

As per draft S6-221403 rev 1.

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

**S6-221044 Evaluation on solution#12**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

**Decision:** The document was **revised to S6-221329**.

**S6-221329 Evaluation on solution#12**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

(Replaces S6-221044)

**Decision:** The document was **revised to S6-221462**.

**S6-221462 Evaluation on solution#12**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

(Replaces S6-221329)

**Discussion:**

As per draft S6-221329 rev 1.

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

**S6-221052 Update solution #12 to remove EN**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

**Decision:** The document was **revised to S6-221330**.

**S6-221330 Update solution #12 to remove EN**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

(Replaces S6-221052)

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

**S6-221054 New sol KI #9 EAS termination**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

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

**S6-221055 Evaluation on solution #3**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

**Decision:** The document was **revised to S6-221331**.

**S6-221331 Evaluation on solution #3**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

(Replaces S6-221055)

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

**S6-221056 Update solution #3 to remove EN**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

**Abstract:**

This contribution update solution #3 to remove the editor’s note.

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

**S6-221057 Handling DNN information configured in AC**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

**Decision:** The document was **revised to S6-221339**.

**S6-221339 Handling DNN information configured in AC**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

(Replaces S6-221057)

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

**S6-221058 Solution for KI#3**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

(Replaces S6-220571)

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

**S6-221065 update Solution #8**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: China Mobile E-Commerce Co.*

**Decision:** The document was **revised to S6-221353**.

**S6-221353 update Solution #8**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: China Mobile E-Commerce Co.*

(Replaces S6-221065)

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

**S6-221066 update Solution #8**

*Type: pCR For: (not specified)  
 23.700-98 v0.6.0  
 Source: China Mobile E-Commerce Co.*

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

**S6-221068 Update Annex A.4- ETSI MEC and EDGEAPP system comparison**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: China Mobile E-Commerce Co.*

**Abstract:**

This paper proposes a solution for service differentiation in KI#5.

**Decision:** The document was **revised to S6-221376**.

**S6-221376 Update Annex A.4- ETSI MEC and EDGEAPP system comparison**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: China Mobile E-Commerce Co.*

(Replaces S6-221068)

**Decision:** The document was **revised to S6-221470**.

**S6-221470 Update Annex A.4- ETSI MEC and EDGEAPP system comparison**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: China Mobile E-Commerce Co.*

(Replaces S6-221376)

**Discussion:**

As per draft S6-221376 rev 2.

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

**S6-221073 Update Solution #8**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: China Mobile E-Commerce Co.*

**Decision:** The document was **revised to S6-221378**.

**S6-221378 Update Solution #8**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: China Mobile E-Commerce Co.*

(Replaces S6-221073)

**Decision:** The document was **revised to S6-221464**.

**S6-221464 Update Solution #8**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: China Mobile E-Commerce Co.*

(Replaces S6-221378)

**Discussion:**

As per draft S6-221378 rev 1.

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

**S6-221087 Pseudo-CR on solution to KI#14**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung Electronics Benelux BV*

(Replaces S6-220846)

**Decision:** The document was **revised to S6-221409**.

**S6-221409 Pseudo-CR on solution to KI#14**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung Electronics Benelux BV*

(Replaces S6-221087)

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

**S6-221093 New Solution for KI#9: Dynamic EAS instantiation triggering and notification**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: ETRI, Uangel*

**Abstract:**

This paper proposes a new solution to address the KI#9: Enhancement of dynamic EAS instantiation/termination triggering. This paper provides the detailed procedures for dynamic EAS instantiation triggering including the triggering conditions, EES determin

**Decision:** The document was **revised to S6-221259**.

**S6-221259 New Solution for KI#9: Dynamic EAS instantiation triggering and notification**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: ETRI, Uangel*

(Replaces S6-221093)

**Decision:** The document was **revised to S6-221463**.

**S6-221463 New Solution for KI#9: Dynamic EAS instantiation triggering and notification**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: ETRI, Uangel*

(Replaces S6-221259)

**Discussion:**

As per draft S6-221259 rev 1.

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

**S6-221095 Overall evaluations for Key issue #2**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: ETRI, Uangel*

**Abstract:**

This paper provides an overall evaluation of the solutions to address Key issue #2: Enablement of Service APIs exposed by EAS.

**Decision:** The document was **revised to S6-221260**.

**S6-221260 Overall evaluations for Key issue #2**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: ETRI, Uangel*

(Replaces S6-221095)

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

**S6-221135 Solution #13 update and evaluation**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

**Decision:** The document was **revised to S6-221340**.

**S6-221340 Solution #13 update and evaluation**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

(Replaces S6-221135)

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

**S6-221138 Federated EAS discovery**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Ericsson*

**Discussion:**

The document S6-221138 was discussed during the CC#6.

**Decision:** The document was **revised to S6-221401**.

**S6-221401 Federated EAS discovery**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Ericsson*

(Replaces S6-221138)

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

**S6-221139 High Performance Edge computing**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Ericsson*

**Decision:** The document was **revised to S6-221400**.

**S6-221400 High Performance Edge computing**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Ericsson*

(Replaces S6-221139)

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

**S6-221140 Solve EN for sol#18**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Ericsson*

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

**S6-221141 Solve EN for sol#24**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Ericsson*

**Decision:** The document was **revised to S6-221399**.

**S6-221399 Solve EN for sol#24**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Ericsson*

(Replaces S6-221141)

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

**S6-221142 Solve EN for SSC**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Ericsson*

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

**S6-221143 Solution for KI#9 - Enhancement of dynamic EAS instantiation triggering**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: InterDigital, Ericsson, Samsung*

(Replaces S6-220849)

**Abstract:**

This pCR proposes a solution for Key issue #9: Enhancement of dynamic EAS instantiation triggering.

Currently, there are no solutions in 3GPP TR 23.700-98 that address KI#9.

**Discussion:**

Huawei suggested following two ENs:

1) It is FFS how the solve the issue of failure of EAS instantiation after EAS selection is FFS

2) Whether to merge step 6 to step 4 to allow EEC provide intention of selection in discovery request to avoid issues caused by selection of uninstantiatied EAS is FFS.

**Decision:** The document was **revised to S6-221488**.

**S6-221488 Solution for KI#9 - Enhancement of dynamic EAS instantiation triggering**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: InterDigital, Ericsson, Samsung*

(Replaces S6-221143)

**Discussion:**

As per draft S6-221143 rev 2.

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

**S6-221144 Solution for KI#19 – ACR selection and coordination**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: InterDigital, Ericsson, Samsung*

(Replaces S6-220824)

**Abstract:**

This pCR proposes a solution for Key issue #19: ACR scenario combination.

More specifically, Key Issue #19 explains that using a single ACR scenario or using multiple ACR scenarios should be possible.

**Decision:** The document was **revised to S6-221320**.

**S6-221320 Solution for KI#19 – ACR selection and coordination**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: InterDigital, Ericsson, Samsung*

(Replaces S6-221144)

**Decision:** The document was **revised to S6-221491**.

**S6-221491 Solution for KI#19 – ACR selection and coordination**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: InterDigital, Ericsson, Samsung*

(Replaces S6-221320)

**Discussion:**

As per draft S6-221320 rev 4.

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

**S6-221145 Update to solution #14**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: InterDigital*

(Replaces S6-220822)

**Abstract:**

The pCR complete the outstanding aspects of Solution #14 and adresses the following EN; Editor's note: Whether H-ECS can provide V-ECS address information directly to the UE is FFS.

**Decision:** The document was **revised to S6-221319**.

**S6-221319 Update to solution #14**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: InterDigital*

(Replaces S6-221145)

**Discussion:**

Draft S6-221319 rev 3 discussed during the closing call. Huawei suggested deleting Note 2.

**Decision:** The document was **revised to S6-221490**.

**S6-221490 Update to solution #14**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: InterDigital*

(Replaces S6-221319)

**Discussion:**

As per draft S6-221319 rev 4.

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

**S6-221146 Update to Solution #11**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: ETRI, Uangel*

**Abstract:**

This paper proposes to update the solution #11 for description, procedures, and evaluations.

**Decision:** The document was **revised to S6-221261**.

**S6-221261 Update to Solution #11**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: ETRI, Uangel*

(Replaces S6-221146)

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

**S6-221147 Resolution of Editor’s Note on ACID in Solution#28**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: InterDigital*

**Decision:** The document was **revised to S6-221317**.

**S6-221317 Resolution of Editor’s Note on ACID in Solution#28**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: InterDigital*

(Replaces S6-221147)

**Decision:** The document was **revised to S6-221466**.

**S6-221466 Resolution of Editor’s Note on ACID in Solution#28**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: InterDigital*

(Replaces S6-221317)

**Discussion:**

As per draft S6-221317 rev 1.

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

**S6-221148 Evaluation of Solution #28**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: InterDigital*

**Abstract:**

This pCR resolves the following EN for Solution #28:

Editor's Note: Further investigation is required if this solution is feasible.

**Decision:** The document was **revised to S6-221318**.

**S6-221318 Evaluation of Solution #28**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: InterDigital*

(Replaces S6-221148)

**Decision:** The document was **revised to S6-221489**.

**S6-221489 Evaluation of Solution #28**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: InterDigital*

(Replaces S6-221318)

**Discussion:**

As per draft S6-221318 rev 2.

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

**S6-221149 Pseudo-CR on solution to KI#20**

*Type: pCR For: (not specified)  
 23.700-98 v0.6.0  
 Source: Samsung Electronics Benelux BV*

**Decision:** The document was **revised to S6-221410**.

**S6-221410 Pseudo-CR on solution to KI#20**

*Type: pCR For: -  
 23.700-98 v0.6.0  
 Source: Samsung Electronics Benelux BV*

(Replaces S6-221149)

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

**S6-221153 Solution #6 update - ACR pause procedure**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Lenovo Future Communications*

**Abstract:**

This contribution provides a new solution for ACR pause operation to resolve the EN in 7.6.2.

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

**S6-221162 pCR on Update to Solution #29 for Key issue #17: Discovery of a common EAS**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Apple GmbH*

**Decision:** The document was **revised to S6-221275**.

**S6-221275 pCR on Update to Solution #29 for Key issue #17: Discovery of a common EAS**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Apple GmbH*

(Replaces S6-221162)

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

**S6-221165 Update to Solution #25 ACR between EAS and Cloud Application Server**

*Type: pCR For: (not specified)  
 23.700-98 v0.6.0  
 Source: Apple*

**Decision:** The document was **revised to S6-221357**.

**S6-221357 Update to Solution #25 ACR between EAS and Cloud Application Server**

*Type: pCR For: -  
 23.700-98 v0.6.0  
 Source: Apple*

(Replaces S6-221165)

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

**S6-221166 Pseudo-CR on solution to KI#13 - Edge enabler layer support for EAS synchronization**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

(Replaces S6-220874)

**Decision:** The document was **revised to S6-221390**.

**S6-221390 Pseudo-CR on solution to KI#13 - Edge enabler layer support for EAS synchronization**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

(Replaces S6-221166)

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

**S6-221167 Pseudo-CR on KI on planned EES shutdown and solution**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

(Replaces S6-220875)

**Decision:** The document was **revised to S6-221391**.

**S6-221391 Pseudo-CR on KI on planned EES shutdown and solution**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

(Replaces S6-221167)

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

**S6-221170 Handling of UE Mobility pattern**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

**Decision:** The document was **revised to S6-221393**.

**S6-221393 Handling of UE Mobility pattern**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

(Replaces S6-221170)

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

**S6-221181 EAS selection synchronization at registration**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Convida Wireless LLC*

**Decision:** The document was **revised to S6-221310**.

**S6-221310 EAS selection synchronization at registration**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Convida Wireless LLC*

(Replaces S6-221181)

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

**S6-221182 ECS Publish Discovery CAPIF**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Convida Wireless LLC*

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

**S6-221183 AC Association aware service provisioning**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Convida Wireless LLC*

**Decision:** The document was **revised to S6-221311**.

**S6-221311 AC Association aware service provisioning**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Convida Wireless LLC*

(Replaces S6-221183)

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

**S6-221184 AC Association aware ACR**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Convida Wireless LLC*

**Decision:** The document was **revised to S6-221312**.

**S6-221312 AC Association aware ACR**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Convida Wireless LLC*

(Replaces S6-221184)

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

**S6-221186 Enhanced ECS for federation and roaming**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Qualcomm*

**Decision:** The document was **revised to S6-221379**.

**S6-221379 Enhanced ECS for federation and roaming**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Qualcomm*

(Replaces S6-221186)

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

**S6-221187 Pseudo-CR on EDGE-5 APIs**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Qualcomm*

**Discussion:**

Qualcomm presented the draft S6-221187 rev 3 during the CC#10.

**Decision:** The document was **revised to S6-221380**.

**S6-221380 Pseudo-CR on EDGE-5 APIs**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Qualcomm*

(Replaces S6-221187)

**Decision:** The document was **revised to S6-221465**.

**S6-221465 Pseudo-CR on EDGE-5 APIs**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Qualcomm*

(Replaces S6-221380)

**Discussion:**

As per draft S6-221380 rev 1.

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

**S6-221188 ACR scenario overlap**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Qualcomm*

**Decision:** The document was **revised to S6-221381**.

**S6-221381 ACR scenario overlap**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Qualcomm*

(Replaces S6-221188)

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

**S6-221189 Requirements for common EAS**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Qualcomm*

**Discussion:**

Qualcomm presented the doc. S6-221189 during CC#1.

**Decision:** The document was **revised to S6-221382**.

**S6-221382 Requirements for common EAS**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Qualcomm*

(Replaces S6-221189)

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

**S6-221193 Solution Update to Solution#23 UE identification with NAT**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: KPN N.V., Qualcomm*

**Decision:** The document was **revised to S6-221442**.

**S6-221442 Solution Update to Solution#23 UE identification with NAT**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: KPN N.V., Qualcomm*

(Replaces S6-221193)

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

**S6-221194 ACR request trigger timing and prediction expiration time**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: KPN N.V., Ericsson*

**Decision:** The document was **revised to S6-221443**.

**S6-221443 ACR request trigger timing and prediction expiration time**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: KPN N.V., Ericsson*

(Replaces S6-221194)

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

**S6-221195 Pseudo-CR on Solution to KI#17**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

**Abstract:**

This pCR brings solution to address the open issues in KI#17 : Discovery of a common EAS.

**Decision:** The document was **revised to S6-221385**.

**S6-221385 Pseudo-CR on Solution to KI#17**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

(Replaces S6-221195)

**Decision:** The document was **revised to S6-221468**.

**S6-221468 Pseudo-CR on Solution to KI#17**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

(Replaces S6-221385)

**Discussion:**

As per draft S6-221385 rev 1.

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

**S6-221196 Pseudo-CR on ACR edge and cloud**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

**Abstract:**

This contribution proposes more scenrarios for the ACR management between edge and cloud.

**Decision:** The document was **revised to S6-221386**.

**S6-221386 Pseudo-CR on ACR edge and cloud**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

(Replaces S6-221196)

**Decision:** The document was **revised to S6-221469**.

**S6-221469 Pseudo-CR on ACR edge and cloud**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

(Replaces S6-221386)

**Discussion:**

As per draft S6-221469 rev 1.

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

**S6-221197 Pseudo-CR on Overall evaluation**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

**Abstract:**

This contribution proposes "Key issue and solutions" mapping table for "Overall evaluation"

**Decision:** The document was **revised to S6-221387**.

**S6-221387 Pseudo-CR on Overall evaluation**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

(Replaces S6-221197)

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

**S6-221198 Pseudo-CR on Conclusions**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Samsung*

**Abstract:**

This contribution proposes intial text for building Conclusions.

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

**S6-221227 Solution for ACR scenario selection for linkage EAS(s)**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Solution for ACR scenario selection for linkage EAS(s)

**Discussion:**

Huawei presented the draft S6-221227 rev 3 during the CC#10.

**Decision:** The document was **revised to S6-221424**.

**S6-221424 Solution for ACR scenario selection for linkage EAS(s)**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

(Replaces S6-221227)

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

**S6-221228 Solution for T-EAS discovery for linkage of AC with multiple EAS(s)**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

(Replaces S6-220896)

**Abstract:**

Proposal for Solution for T-EAS discovery for linkage of AC with multiple EAS(s)

**Decision:** The document was **revised to S6-221425**.

**S6-221425 Solution for T-EAS discovery for linkage of AC with multiple EAS(s)**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

(Replaces S6-221228)

**Decision:** The document was **revised to S6-221494**.

**S6-221494 Solution for T-EAS discovery for linkage of AC with multiple EAS(s)**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

(Replaces S6-221425)

**Discussion:**

As per draft S6-221425 rev 6.

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

**S6-221229 Solution for EAS discovery in Edge Node sharing scenario**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

(Replaces S6-220720)

**Abstract:**

Proposal for Solution for EAS discovery in Edge Node sharing scenario

**Decision:** The document was **revised to S6-221426**.

**S6-221426 Solution for EAS discovery in Edge Node sharing scenario**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

(Replaces S6-221229)

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

**S6-221230 Solution for T-EAS discovery in Edge services support across ECSPs**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

(Replaces S6-220723)

**Abstract:**

Proposal for Solution for T-EAS discovery in Edge services support across ECSPs

**Decision:** The document was **revised to S6-221427**.

**S6-221427 Solution for T-EAS discovery in Edge services support across ECSPs**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

(Replaces S6-221230)

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

**S6-221231 Enhancement to Solution on ACR scenario combination**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

(Replaces S6-220893)

**Abstract:**

Proposal for Enhancement to Solution on ACR scenario combination

**Decision:** The document was **revised to S6-221428**.

**S6-221428 Enhancement to Solution on ACR scenario combination**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

(Replaces S6-221231)

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

**S6-221232 Evaluation of solution #19**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

(Replaces S6-220898)

**Abstract:**

Proposal for Evaluation of solution #19

**Decision:** The document was **revised to S6-221429**.

**S6-221429 Evaluation of solution #19**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

(Replaces S6-221232)

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

**S6-221233 Update- Key issue #6: Edge services support across ECSPs**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Update- Key issue #6: Edge services support across ECSPs

**Decision:** The document was **revised to S6-221430**.

**S6-221430 Update- Key issue #6: Edge services support across ECSPs**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

(Replaces S6-221233)

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

**S6-221234 Update to solution #7**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Update to solution #7

**Decision:** The document was **revised to S6-221431**.

**S6-221431 Update to solution #7**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

(Replaces S6-221234)

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

**S6-221235 Resolving ENs in Solution 21**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Resolving ENs in Solution 21

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

**S6-221236 Resolving the ENs in Solutions 4 and 5**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Resolving the ENs in Solutions 4 and 5

**Decision:** The document was **revised to S6-221432**.

**S6-221432 Resolving the ENs in Solutions 4 and 5**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

(Replaces S6-221236)

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

**S6-221237 Alignment of EDGEAPP and ETSI MEC**

*Type: discussion For: Endorsement  
 Source: Huawei, Hisilicon*

**Abstract:**

Discussion paper on Alignment of EDGEAPP and ETSI MEC

**Discussion:**

Huawei presented the draft S6-221237 rev 1 during CC#1.

**Decision:** The document was **revised to S6-221433**.

**S6-221433 Alignment of EDGEAPP and ETSI MEC**

*Type: discussion For: Endorsement  
 Source: Huawei, Hisilicon*

(Replaces S6-221237)

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

**S6-221238 Revising KI#5**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Revising KI#5

**Decision:** The document was **revised to S6-221434**.

**S6-221434 Revising KI#5**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

(Replaces S6-221238)

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

**S6-221239 New Solution for KI#5**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for New Solution for KI#5

**Decision:** The document was **revised to S6-221435**.

**S6-221435 New Solution for KI#5**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: Huawei, Hisilicon*

(Replaces S6-221239)

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

**S6-221246 Pseudo-CR on Solution#24 update for CAS initiated ACR procedure**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: KPN N.V.*

**Decision:** The document was **revised to S6-221444**.

**S6-221444 Pseudo-CR on Solution#24 update for CAS initiated ACR procedure**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: KPN N.V.*

(Replaces S6-221246)

**Discussion:**

Huawei suggested removing the procedure and EN beneath.

**Decision:** The document was **revised to S6-221492**.

**S6-221492 Pseudo-CR on Solution#24 update for CAS initiated ACR procedure**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: KPN N.V.*

(Replaces S6-221444)

**Discussion:**

As per draft S6-221444 rev 1.

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

**S6-221247 Pseudo-CR on Solution#25 update for CAS initiated ACR procedure**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: KPN N.V.*

**Decision:** The document was **revised to S6-221445**.

**S6-221445 Pseudo-CR on Solution#25 update for CAS initiated ACR procedure**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: KPN N.V.*

(Replaces S6-221247)

**Discussion:**

Huawei suggested removing the procedure and the EN beneath.

**Decision:** The document was **revised to S6-221493**.

**S6-221493 Pseudo-CR on Solution#25 update for CAS initiated ACR procedure**

*Type: pCR For: Approval  
 23.700-98 v0.6.0  
 Source: KPN N.V.*

(Replaces S6-221445)

**Discussion:**

As per draft S6-221445 rev 2.

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

**S6-221254 Discussion on SA6 support of federation**

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

**Discussion:**

The document S6-221254 (a new one) was discussed during the CC#6.

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

**S6-221255 External TR Structure presentation**

*Type: discussion For: discussion  
 Source: Intel*

**Discussion:**

Intel presented the S6-221255 a discussion paper on the external TR Structure during CC#6.

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

### 9.9 FS\_eUASAPP - Study on enhanced architecture for UAS Applications

**S6-221011 Removal of Editor’s Note on Multi-USS configuration**

*Type: pCR For: Approval  
 23.700-55 v0.4.0  
 Source: InterDigital*

**Decision:** The document was **revised to S6-221321**.

**S6-221321 Removal of Editor’s Note on Multi-USS configuration**

*Type: pCR For: Approval  
 23.700-55 v0.4.0  
 Source: InterDigital*

(Replaces S6-221011)

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

**S6-221013 Evaluation of Solution #2**

*Type: pCR For: Approval  
 23.700-55 v0.4.0  
 Source: InterDigital*

**Decision:** The document was **revised to S6-221323**.

**S6-221323 Evaluation of Solution #2**

*Type: pCR For: Approval  
 23.700-55 v0.4.0  
 Source: InterDigital*

(Replaces S6-221013)

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

**S6-221014 Evaluation of Key Issue #2**

*Type: pCR For: Approval  
 23.700-55 v0.4.0  
 Source: InterDigital*

**Abstract:**

The present contribution proposes evaluation of Key Issue #2.

**Decision:** The document was **revised to S6-221324**.

**S6-221324 Evaluation of Key Issue #2**

*Type: pCR For: Approval  
 23.700-55 v0.4.0  
 Source: InterDigital*

(Replaces S6-221014)

**Decision:** The document was **revised to S6-221471**.

**S6-221471 Evaluation of Key Issue #2**

*Type: pCR For: Approval  
 23.700-55 v0.4.0  
 Source: InterDigital*

(Replaces S6-221324)

**Discussion:**

As per draft S6-221324 rev 1.

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

**S6-221015 Addition of requirements for multi-USS deployments**

*Type: pCR For: Approval  
 23.700-55 v0.4.0  
 Source: InterDigital*

**Decision:** The document was **revised to S6-221325**.

**S6-221325 Addition of requirements for multi-USS deployments**

*Type: pCR For: Approval  
 23.700-55 v0.4.0  
 Source: InterDigital*

(Replaces S6-221015)

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

**S6-221016 New KI: Support for DAA**

*Type: pCR For: Approval  
 23.700-55 v0.4.0  
 Source: InterDigital*

**Decision:** The document was **revised to S6-221326**.

**S6-221326 New KI: Support for DAA**

*Type: pCR For: Approval  
 23.700-55 v0.4.0  
 Source: InterDigital*

(Replaces S6-221016)

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

### 9.10 FS\_SEALDD - Study on SEAL data delivery enabler for vertical applications

**S6-221070 new KI on Support for load control for VAL applications**

*Type: pCR For: (not specified)  
 23.700-34 v0.4.0  
 Source: China Mobile E-Commerce Co.*

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

**S6-221071 solution for KI#x Support for load control for VAL applications**

*Type: pCR For: Approval  
 23.700-34 v0.4.0  
 Source: China Mobile E-Commerce Co.*

**Decision:** The document was **revised to S6-221354**.

**S6-221354 solution for KI#x Support for load control for VAL applications**

*Type: pCR For: Approval  
 23.700-34 v0.4.0  
 Source: China Mobile E-Commerce Co.*

(Replaces S6-221071)

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

**S6-221072 solution for KI#x Support for load control for VAL applications**

*Type: pCR For: Approval  
 23.700-34 v0.4.0  
 Source: China Mobile E-Commerce Co.*

**Decision:** The document was **revised to S6-221355**.

**S6-221355 solution for KI#x Support for load control for VAL applications**

*Type: pCR For: Approval  
 23.700-34 v0.4.0  
 Source: China Mobile E-Commerce Co.*

(Replaces S6-221072)

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

**S6-221074 new KI on Support for load control for VAL applications**

*Type: pCR For: Approval  
 23.700-34 v0.4.0  
 Source: China Mobile E-Commerce Co.*

**Decision:** The document was **revised to S6-221377**.

**S6-221377 new KI on Support for load control for VAL applications**

*Type: pCR For: Approval  
 23.700-34 v0.4.0  
 Source: China Mobile E-Commerce Co.*

(Replaces S6-221074)

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

**S6-221220 Solution on KI#6: SEALDD server discovery and selection in EDN**

*Type: pCR For: Approval  
 23.700-34 v0.4.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Solution on KI#6: SEALDD server discovery and selection in EDN

**Decision:** The document was **revised to S6-221419**.

**S6-221419 Solution on KI#6: SEALDD server discovery and selection in EDN**

*Type: pCR For: Approval  
 23.700-34 v0.4.0  
 Source: Huawei, Hisilicon*

(Replaces S6-221220)

**Decision:** The document was **revised to S6-221472**.

**S6-221472 Solution on KI#6: SEALDD server discovery and selection in EDN**

*Type: pCR For: Approval  
 23.700-34 v0.4.0  
 Source: Huawei, Hisilicon*

(Replaces S6-221419)

**Discussion:**

As per draft S6-221419 rev 1.

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

**S6-221221 KI on SEALDD connection establishment**

*Type: pCR For: Approval  
 23.700-34 v0.4.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for KI on SEALDD connection establishment

**Decision:** The document was **revised to S6-221420**.

**S6-221420 KI on SEALDD connection establishment**

*Type: pCR For: Approval  
 23.700-34 v0.4.0  
 Source: Huawei, Hisilicon*

(Replaces S6-221221)

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

**S6-221222 KI on SEALDD enabled Media data processing**

*Type: pCR For: Approval  
 23.700-34 v0.4.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for KI on SEALDD enabled Media data processing

**Decision:** The document was **revised to S6-221421**.

**S6-221421 KI on SEALDD enabled Media data processing**

*Type: pCR For: Approval  
 23.700-34 v0.4.0  
 Source: Huawei, Hisilicon*

(Replaces S6-221222)

**Decision:** The document was **revised to S6-221473**.

**S6-221473 KI on Support for data transmission quality measurement and guarantee**

*Type: pCR For: Approval  
 23.700-34 v0.4.0  
 Source: Huawei, Hisilicon*

(Replaces S6-221421)

**Discussion:**

As per draft S6-221421 rev 2.

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

**S6-221223 Solution on KI#5: Data Storage for Cache service**

*Type: pCR For: Approval  
 23.700-34 v0.4.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Solution on KI#5: Data Storage for Cache service

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

**S6-221224 Update to Solution #2 for sequence number issue**

*Type: pCR For: Approval  
 23.700-34 v0.4.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Update to Solution #2 for sequence number issue

**Decision:** The document was **revised to S6-221422**.

**S6-221422 Update to Solution #2 for sequence number issue**

*Type: pCR For: Approval  
 23.700-34 v0.4.0  
 Source: Huawei, Hisilicon*

(Replaces S6-221224)

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

**S6-221225 Update to Solution #4 for storage service query procedure**

*Type: pCR For: Approval  
 23.700-34 v0.4.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Update to Solution #4 for storage service query procedure

**Decision:** The document was **revised to S6-221423**.

**S6-221423 Update to Solution #4 for storage service query procedure**

*Type: pCR For: Approval  
 23.700-34 v0.4.0  
 Source: Huawei, Hisilicon*

(Replaces S6-221225)

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

**S6-221226 Discussion on Association between VAL server and SEALDD server**

*Type: discussion For: Discussion  
 Source: Huawei, Hisilicon*

**Abstract:**

Discussion on Association between VAL server and SEALDD server

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

**S6-221258 Discussion on Cache**

*Type: discussion For: discussion  
 Source: Huawei, Hisilicon*

**Discussion:**

Huawei presented the late discussion paper during CC#9.

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

### 9.11 FS\_eV2XAPP2 - Study on enhancements to application layer support for V2X services; Phase 2

**S6-221185 UE requested VRU zones**

*Type: pCR For: Approval  
 23.700-64 v0.4.0  
 Source: Convida Wireless LLC*

**Abstract:**

Key issue #1 describes the need for support of high risk VRU zones for cases where the VRU zone may be dynamic for scenarios such as for school bus or mobile ice-cream vendor route. In addition, key issue #2 describes the need to support for V2P communications between vehicles and pedestrians. This contribution proposes a new solution to KI#1 and KI#2.

**Decision:** The document was **revised to S6-221313**.

**S6-221313 UE requested VRU zones**

*Type: pCR For: Approval  
 23.700-64 v0.4.0  
 Source: Convida Wireless LLC*

(Replaces S6-221185)

**Decision:** The document was **revised to S6-221495**.

**S6-221495 UE requested VRU zones**

*Type: pCR For: Approval  
 23.700-64 v0.4.0  
 Source: Convida Wireless LLC*

(Replaces S6-221313)

**Discussion:**

As per draft S6-221313 rev 2.

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

**S6-221243 Key Issue on usage of network analytics**

*Type: pCR For: Approval  
 23.700-64 v0.4.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Key Issue on usage of network analytics

**Decision:** The document was **revised to S6-221439**.

**S6-221439 Key Issue on usage of network analytics**

*Type: pCR For: Approval  
 23.700-64 v0.4.0  
 Source: Huawei, Hisilicon*

(Replaces S6-221243)

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

### 9.12 FS\_ADAES - Study on Application Data Analytics Enablement Service

**S6-221134 New KI on support for analytics enablement**

*Type: pCR For: (not specified)  
 23.700-36 v0.2.0  
 Source: China Mobile (Suzhou) Software*

**Decision:** The document was **revised to S6-221301**.

**S6-221301 New KI on support for analytics enablement**

*Type: pCR For: -  
 23.700-36 v0.2.0  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-221134)

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

**S6-221154 Update of solution templates**

*Type: pCR For: Approval  
 23.700-36 v0.2.0  
 Source: Lenovo Future Communications*

**Abstract:**

This contribution proposes an updated solution template to better capture the analytics APIs and inputs/outputs per solution.

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

**S6-221155 ADAE layer architecture update**

*Type: pCR For: Approval  
 23.700-36 v0.2.0  
 Source: Lenovo Future Communications*

**Abstract:**

This contribution proposes an update to ADAE layer functional architecture to align with SEAL and SA2 data analytics framework.

**Decision:** The document was **revised to S6-221349**.

**S6-221349 ADAE layer architecture update**

*Type: pCR For: Approval  
 23.700-36 v0.2.0  
 Source: Lenovo Future Communications*

(Replaces S6-221155)

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

**S6-221156 Deployment scenarios**

*Type: pCR For: Approval  
 23.700-36 v0.2.0  
 Source: Lenovo Future Communications*

**Abstract:**

This contribution discusses the deployment models for ADAES.

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

**S6-221157 Key Issue on location accuracy analytics**

*Type: pCR For: Approval  
 23.700-36 v0.2.0  
 Source: Lenovo Future Communications*

**Abstract:**

This contribution proposes a new key issue on supporting location accuracy analytics in ADAES.

**Decision:** The document was **revised to S6-221350**.

**S6-221350 Key Issue on location accuracy analytics**

*Type: pCR For: Approval  
 23.700-36 v0.2.0  
 Source: Lenovo Future Communications*

(Replaces S6-221157)

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

**S6-221158 Key Issue on support for service API capability analytics**

*Type: pCR For: Approval  
 23.700-36 v0.2.0  
 Source: Lenovo Future Communications*

**Abstract:**

This contribution proposes a new key issue on supporting service API analytics in ADAES.

**Decision:** The document was **revised to S6-221351**.

**S6-221351 Key Issue on support for service API capability analytics**

*Type: pCR For: Approval  
 23.700-36 v0.2.0  
 Source: Lenovo Future Communications*

(Replaces S6-221158)

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

**S6-221159 Solution on slice-related application data analytics**

*Type: pCR For: Approval  
 23.700-36 v0.2.0  
 Source: Lenovo Future Communications*

**Abstract:**

This contribution proposes a solution for Key Issue #5.

**Decision:** The document was **revised to S6-221352**.

**S6-221352 Solution on slice-related application data analytics**

*Type: pCR For: Approval  
 23.700-36 v0.2.0  
 Source: Lenovo Future Communications*

(Replaces S6-221159)

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

**S6-221161 Solution on UE to UE session performance analytics**

*Type: pCR For: Approval  
 23.700-36 v0.2.0  
 Source: Lenovo Future Communications*

**Abstract:**

This contribution proposes a solution for Key Issue #1 targeting analytics for the UE-to-UE application sessions.

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

**S6-221180 Data analytics use of data collection services**

*Type: pCR For: Agreement  
 23.700-36 v0.2.0  
 Source: Convida Wireless LLC*

**Abstract:**

This pCR provides a Solution for Key Issue #3 on support for data collection for application layer analytics.

**Decision:** The document was **revised to S6-221309**.

**S6-221309 Data analytics use of data collection services**

*Type: pCR For: Agreement  
 23.700-36 v0.2.0  
 Source: Convida Wireless LLC*

(Replaces S6-221180)

**Decision:** The document was **revised to S6-221322**.

**S6-221322 Data analytics use of data collection services**

*Type: pCR For: Agreement  
 23.700-36 v0.2.0  
 Source: Convida Wireless LLC*

(Replaces S6-221309)

**Decision:** The document was **revised to S6-221474**.

**S6-221474 Data analytics use of data collection services**

*Type: pCR For: Agreement  
 23.700-36 v0.2.0  
 Source: Convida Wireless LLC*

(Replaces S6-221322)

**Discussion:**

As per draft S6-221322 rev 1.

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

**S6-221204 Pseudo-CR on Solution to Key Issue #1**

*Type: pCR For: Approval  
 23.700-36 v0.2.0  
 Source: Samsung*

**Abstract:**

This pCR proposes a solution to key issue #1 (support of application performance analytics), specifically on what data to be collected. This solution supplements the existing solution #1 in clause 6.2 with service experience information.

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

### 9.13 FS\_PINAPP - Study on Application layer support for Personal IoT

**S6-221035 Solution for in KI#1 – Insertion and remove of PIN elements in a PIN**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: vivo*

**Abstract:**

This pCR proposes a new solution for KI#1, to study:

- How to add/remove PIN elements into a PIN after PIN establishment.

- What parameters or information are needed during adding/removing PIN elements into a PIN.

- How to configure newly added PIN element.

**Decision:** The document was **revised to S6-221332**.

**S6-221332 Solution for in KI#1 – Insertion and remove of PIN elements in a PIN**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: vivo*

(Replaces S6-221035)

**Decision:** The document was **revised to S6-221475**.

**S6-221475 Solution for in KI#1 – Insertion and remove of PIN elements in a PIN**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: vivo, Samsung*

(Replaces S6-221332)

**Discussion:**

As per draft S6-221332 rev 1.

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

**S6-221036 Solution for in KI#1 – PIN delete**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: vivo*

**Abstract:**

This solution proposal addresses aspects of Key Issue #1.

For an established PIN, the PIN can be deleted by the following situation:

- Decided by PEMC. The PEMC of a PIN decides to delete the PIN and sends request to PIN server. The PIN server accepts the requests and deletes the PIN. The PIN elements in this PIN can’t access to 5GS via PEGC anymore.

- Decided by PIN server. For each PIN, it has the life cycle that the PIN can exists. If the PIN has been in existence for longer than the life cycle, the PIN server can decide to delete the PIN and release the resource.

In this paper, the trigger of PIN delete can be from PEMC and PIN server.

**Decision:** The document was **revised to S6-221333**.

**S6-221333 Solution for in KI#1 – PIN delete**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: vivo*

(Replaces S6-221036)

**Decision:** The document was **revised to S6-221476**.

**S6-221476 Solution for in KI#1 – PIN delete**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: vivo, Samsung*

(Replaces S6-221333)

**Discussion:**

As per draft S6-221333 rev 1.

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

**S6-221037 Solution for in KI#1 – PIN discovery**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: vivo*

**Abstract:**

This pCR proposes a solution for KI#1, to study:

- How to add/remove PIN elements into a PIN after PIN establishment.

- What parameters or information are needed during adding/removing PIN elements into a PIN.

- How to configure newly added PIN element.

**Decision:** The document was **revised to S6-221334**.

**S6-221334 Solution for in KI#1 – PIN discovery**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: vivo*

(Replaces S6-221037)

**Decision:** The document was **revised to S6-221477**.

**S6-221477 Solution for in KI#1 – PIN discovery**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: vivo*

(Replaces S6-221334)

**Discussion:**

As per draft S6-221334 rev 1.

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

**S6-221038 Solution for in KI#1 – PIN Profile**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: vivo*

**Abstract:**

This solution proposal addresses aspects of Key Issue #1.

For an established PIN, the PIN should have the profile or configuration information in PIN server, PEMC and PEGC.

In this paper, it mainly discusses the PIN Profile and configuration information related to PIN.

**Decision:** The document was **revised to S6-221335**.

**S6-221335 Solution for in KI#1 – PIN Profile**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: vivo*

(Replaces S6-221038)

**Decision:** The document was **revised to S6-221478**.

**S6-221478 Solution for in KI#1 – PIN Profile**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: vivo, Samsung*

(Replaces S6-221335)

**Discussion:**

As per draft S6-221335 rev 1.

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

**S6-221039 Solution for in KI#1 – PIN server discovery**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: vivo*

**Decision:** The document was **revised to S6-221336**.

**S6-221336 Solution for in KI#1 – PIN server discovery**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: vivo*

(Replaces S6-221039)

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

**S6-221040 Update for Solution 1 in KI#1 – PIN architeture update**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: vivo*

**Decision:** The document was **revised to S6-221337**.

**S6-221337 Update for Solution 1 in KI#1 – PIN architeture update**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: vivo*

(Replaces S6-221040)

**Decision:** The document was **revised to S6-221479**.

**S6-221479 Update for Solution 1 in KI#1 – PIN architeture update**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: vivo*

(Replaces S6-221337)

**Abstract:**

This pCR proposes a solution update for solution 1.

For the PIN architecture, the PIN element in PIN can also interact with other PIN elements outside of PIN and the application layer. So, another PIN architecture is listed.

And the PIN client, application client is also should be described in the text.

**Discussion:**

As per draft S6-221337 rev 2.

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

**S6-221041 Update for Solution 2 in KI#1 – PIN modification**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: vivo*

**Abstract:**

This pCR proposes a solution update for solution 2 in KI#1.

This solution addresses aspects of Key Issue #1.

For an established PIN, the PIN can be modified by the following situation:

- Changes of PEMC. For example, the current PEMC may not be the management of PIN and the role of PEMC will be changed to another PIN elements.

- Changes of PEGC. For example, if the current PEGC is broken down or switched off, or the PEGC will move out of PIN and the routes between PIN elements in PIN to PEGC will become long. It is not properly to keep this PEGC, and enforces another PIN element as PEGC is needed.

In this paper, the trigger of PIN modified can be from PEGC and PEMC.

**Decision:** The document was **revised to S6-221338**.

**S6-221338 Update for Solution 2 in KI#1 – PIN modification**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: vivo*

(Replaces S6-221041)

**Decision:** The document was **revised to S6-221480**.

**S6-221480 Update for Solution 2 in KI#1 – PIN modification**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: vivo*

(Replaces S6-221338)

**Discussion:**

As per draft S6-221338 rev 1.

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

**S6-221163 Updates to Key issue 1 – Managing profile and context information of PIN**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: Samsung*

**Abstract:**

This pCR proposes to add a key issue related to the managing of profile and context information of PIN.

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

**S6-221164 Key issue x - PEMC and PEGC role change in PIN**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: Samsung Electronics France SA*

**Decision:** The document was **revised to S6-221361**.

**S6-221361 Key issue x - PEMC and PEGC role change in PIN**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: Samsung Electronics France SA*

(Replaces S6-221164)

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

**S6-221175 Solution for KI#3 – Service Switch**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: InterDigital*

**Decision:** The document was **revised to S6-221327**.

**S6-221327 Solution for KI#3 – Service Switch**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: InterDigital*

(Replaces S6-221175)

**Abstract:**

This pCR proposes a solution for KI#3.

**Decision:** The document was **revised to S6-221481**.

**S6-221481 Solution for KI#3 – Service Switch**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: InterDigital*

(Replaces S6-221327)

**Discussion:**

As per draft S6-221327 rev 1.

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

**S6-221176 Solution for KI#4 – AS Discovery**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: InterDigital*

**Decision:** The document was **revised to S6-221328**.

**S6-221328 Solution for KI#4 – AS Discovery**

*Type: pCR For: Approval  
 23.700-78 v0.2.0  
 Source: InterDigital*

(Replaces S6-221176)

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

## 10 Future work / New WIDs (including related contributions)

**S6-220997 New WID on Mission Critical Services over 5MBS**

*Type: WID revised For: Approval  
 Source: Union Inter. Chemins de Fer*

(Replaces S6-211789)

**Discussion:**

UIC presented the S6-220997 during the opening call.

Only change was the target completion date.

Samsung remarked that changing only the dates may not be required for WID that do not have draft TSs. It is equally fine to indicate in the Chairs report.

Huawei suggested to stay with the current date.

Motorola Solutions suggested moving forward the completion date.

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

**S6-220998 Discussion paper Status Editor's Notes TS 23.289 MBS related clauses**

*Type: discussion For: Information  
 23.289 v..  
 Source: Union Inter. Chemins de Fer*

**Discussion:**

UIC very briefly presented the S6-220998 during the opening call and suggested continued discussion over reflector.

The chair noted that even if not required it would be nice to keep target completion date up to date.

Discussion on the contribution continued during CC#5.

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

**S6-221034 New WID on Alignment of EDGEAPP, ETSI MEC and GSMA OP Architectures**

*Type: WID new For: Decision  
 Source: Intel, SKT*

**Discussion:**

Intel presented the TDoc S6-221034 during the opening call.

Discussion to continue over reflector and conference calls.

Intel presented draft S6-221034 rev 2 during CC#10.

**Decision:** The document was **revised to S6-221288**.

**S6-221288 New WID on Alignment of EDGEAPP, ETSI MEC and GSMA OP Architectures**

*Type: WID new For: Decision  
 Source: Intel, SKT*

(Replaces S6-221034)

**Discussion:**

Discussion during the closing call on draft S6-221288 rev 4.

Qualcomm suggested removing SA2 and SA3 under involved WGs.

Samsung was of the view that SA2 and SA3 could be kept listed. They further stressed the importance of the note in clause 5.

**Decision:** The document was **revised to S6-221496**.

**S6-221496 New WID on Alignment of EDGEAPP, ETSI MEC and GSMA OP Architectures**

*Type: WID new For: Agreement  
 Source: SA6*

(Replaces S6-221288)

**Discussion:**

As per draft S6-221288 rev 5 + remove number on the note.

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

**S6-221047 Discussion on 5G enabled Location based Service**

*Type: discussion For: Approval  
 Source: CATT*

**Discussion:**

CICT presented the TDoc S6-221047 during the opening call.

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

**S6-221048 New SID on 5G-enabled Location Based Service**

*Type: SID new For: Approval  
 Source: CATT*

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

**S6-221116 New WID on application enablement aspects for subscriber-aware northbound API access**

*Type: WID new For: Agreement  
 Source: NTT DOCOMO*

**Abstract:**

Proposal for a New WID on application enablement aspects for subscriber-aware northbound API access.

**Discussion:**

NTT Docomo presented the TDoc S6-221116 during the opening call.

Discussion continued on draft S6-221116 rev 2 during CC#8.

Huawei suggested including some wording pointing out the close dependency with SA3 in relation to this particular WID.

**Decision:** The document was **revised to S6-221370**.

**S6-221370 New WID on application enablement aspects for subscriber-aware northbound API access**

*Type: WID new For: Agreement  
 Source: NTT DOCOMO*

(Replaces S6-221116)

**Decision:** The document was **revised to S6-221482**.

**S6-221482 New WID on application enablement aspects for subscriber-aware northbound API access**

*Type: WID new For: Agreement  
 Source: SA6*

(Replaces S6-221370)

**Discussion:**

As per draft S6-221370 rev 2.

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

**S6-221117 New WID on Network Slice Capability Exposure for Application Layer Enablement**

*Type: WID new For: Approval  
 Source: China Mobile (Suzhou) Software*

**Abstract:**

Proposal for a New WID on Network Slice Capability Exposure for Application Layer Enablement.

**Discussion:**

China Mobile (Suzhou) Software presented the TDoc S6-221117 during the opening call.

The contribution was further discussed during the CC#3.

There was discussion a.o. on whether the new features would be included in the existing TS 23.434 or a new dedicated TS would be created.

**Decision:** The document was **revised to S6-221290**.

**S6-221290 New WID on Network Slice Capability Exposure for Application Layer Enablement**

*Type: WID new For: Approval  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-221117)

**Decision:** The document was **revised to S6-221483**.

**S6-221483 New WID on Network Slice Capability Exposure for Application Layer Enablement**

*Type: WID new For: Agreement  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-221290)

**Discussion:**

As per draft S6-221290 rev 2.

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

**S6-221119 Presentation of TR 23.700-99 to TSG**

*Type: TS or TR cover For: (not specified)  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

**Decision:** The document was **revised to S6-221302**.

**S6-221302 Presentation of TR 23.700-99 to TSG**

*Type: TS or TR cover For: -  
 23.700-99 v1.1.0  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-221119)

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

**S6-221199 Future work New WID eEDGEAPP**

*Type: WID new For: Approval  
 Source: Samsung*

**Discussion:**

Samsung presented the TDoc S6-221199 during the opening call.

**Decision:** The document was **revised to S6-221388**.

**S6-221388 Future work New WID eEDGEAPP**

*Type: WID new For: Agreement  
 Source: Samsung*

(Replaces S6-221199)

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

**S6-221256 Discussion on guidelines for SA6 Wis management**

*Type: discussion For: discussion  
 Source: Huawei*

**Discussion:**

The late document S6-221256 was presented during CC#8.

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

**S6-221447 Presentation of TR 23700-97 v100 for information**

*Type: TS or TR cover For: Agreement  
 Source: nn*

**Abstract:**

Presentation of TR 23.700-97 v1.0.0 for information.

**Discussion:**

This is a later document prepared as a result of the progress achieved (60% threshold) on the TR 23.700-97.

Huawei was of the view there were too many outstanding issues (e.g. evaluations) for sending the TR in question for information and hence suggested postponing sending the TR for information.

InterDigital supported sending the TR for information.

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

## 11 Work Plan review

**S6-220985 SA6#49-e Work Plan Review**

*Type: Work Plan For: Discussion  
 Source: SA6 Chair*

**Abstract:**

Review of the work status. For the complete information please refer to [S6-220985](https://www.3gpp.org/ftp/tsg_sa/WG6_MissionCritical/TSGS6_049-e/docs/S6-220985.zip).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ongoing studies** | | | | |
| **Study Item** | **WI Code** | **SA#95-e** | **SA6#48-e/ SA6#49-e** | **Target Completion** |
| Study on Mission Critical Services support over 5G System | FS\_MCOver5GS | 95% | 100% / 100% | SA#96 (06/2022) |
| Study on sharing of administrative configuration between interconnected MC service systems | FS\_MCShAC | 5% | 15% / 25% | SA#99 (03/2023) |
| Study on Mission Critical Ad hoc Group Communications Support for Mission Critical Services | FS\_MCAHGC | 25% | 40% / 75% | SA#97  (09/2022) |
| Study on Network Slice Capability Exposure for Application Layer Enablement | FS\_NSCALE | 70% | 75% / 85% | SA#96  (06/2022) |
| Study on application enablement aspects for subscriber-aware NB API access | FS\_SNAAPP | 75% | 85% / 85% | SA#96  (06/2022) |
| Study on Application Capability Exposure for IoT Platforms | FS\_ACE\_IOT | 55% | 55% / 60% | SA#97  (09/2022) |
| Study on 5G-enabled fused location service capability exposure | FS\_5GFLS | 40% | 50% / 55% | SA#97  (09/2022) |
| Study on enhanced Application Architecture for enabling Edge Applications | FS\_eEDGEAPP | 55% | 60% / 75% | SA#96  (06/2022) |
| Study on enhanced architecture for UAS Applications | FS\_eUASAPP | 30% | 35% / 50% | SA#97  (09/2022) |
| Study on SEAL data delivery enabler for vertical applications | FS\_SEALDD | 45% | 55% / 60% | SA#97  (09/2022) |
| Study on enhancements to application layer support for V2X services; Phase 2 | FS\_eV2XAPP2 | 30% | 50% / 65% | SA#97  (09/2022) |
| Study on Application Data Analytics Enablement Service | FS\_ADAES | 15% | 35% / 55% | SA#97  (09/2022) |
| Study on Application layer support for Personal IoT and Residential Networks | FS\_PINAPP | 15% | 25% / 40% | SA#97  (09/2022) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Rel-18 work items** | | | | |
| **Study Item** | **WI Code** | **SA#95-e** | **SA6#48-e/ SA6#49-e** | **Target Completion** |
| Mission Critical Services over 5MBS | MCOver5MBS | 50% | 65% / 85% | SA#95  (03/2022) |
| Mission Critical Services over 5GProSe | MCOver5GProSe | 50% | 70% / 87% | SA#99  (03/2023) |
| Gateway UE function for Mission Critical Communication | MCGWUE | 75% | 85% / 90% | SA#96  (06/2022) |
| Enhanced Mission Critical Push-to-talk architecture phase 4 | enh4MCPTT | 10% | 20% / 30% | A#99  (03/2023 |
| Interconnection and Migration Aspects for Railways | IRail | 0% | 20% / 40% | SA#98  (12/2022) |
| Application layer support for Factories of the Future (FF) | FFAPP | 30% | 40% / 50% | SA#98  (12/2022) |
| Enhanced Service Enabler Architecture Layer for Verticals Phase 2 | eSEAL2 | 5% | 10% / 20% | SA#98  (12/2022) |
| New WID on support of the MSGin5G Service phase 2 | 5GMARCH\_Ph2 | 0% | 10% / 30% | SA#99 (03/2023) |

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

**S6-221012 MeetingsCallsDecisions**

*Type: other For: Endorsement  
 Source: Qualcomm Incorporated*

**Discussion:**

The chair presented the TDoc S6-221012 during the opening call.

**Decision:** The document was **revised to S6-221303**.

**S6-221303 MeetingsCallsDecisions**

*Type: other For: Endorsement  
 Source: Qualcomm Incorporated*

(Replaces S6-221012)

**Decision:** The document was **endorsed**.

**S6-221094 Presentation of TR 23.700-76 to TSG SA**

*Type: TS or TR cover For: Information  
 23.700-76 v0.2.0  
 Source: Samsung Electronics France SA*

**Decision:** The document was **revised to S6-221360**.

**S6-221360 Presentation of TR 23.700-76 to TSG SA**

*Type: TS or TR cover For: Agreement  
 23.700-76 v0.2.0  
 Source: SA6*

(Replaces S6-221094)

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

**S6-221115 Presentation of Report to TSG: TR 23.700-95, Version 1.3.0**

*Type: TS or TR cover For: Agreement  
 23.700-95 v1.2.0  
 Source: NTT DOCOMO*

**Decision:** The document was **revised to S6-221369**.

**S6-221369 Presentation of Report to TSG: TR 23.700-95, Version 1.3.0**

*Type: TS or TR cover For: Agreement  
 23.700-95 v1.2.0  
 Source: NTT DOCOMO*

(Replaces S6-221115)

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

**S6-221200 FS\_eEDGEAPP\_Work\_plan**

*Type: Work Plan For: Presentation  
 Source: Samsung*

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

**S6-221201 Presentation of Report to TSG SA: TR 23.700-98, Version 0.7.0**

*Type: TS or TR cover For: Agreement  
 23.700-98 v0.6.0  
 Source: SA6*

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

**S6-221244 Presentation of Report to TSG SA: TR 23.700-64, Version 0.5.0**

*Type: TS or TR cover For: Agreement  
 23.700-64 v..  
 Source: SA6*

**Abstract:**

Proposal for Presentation of Report to TSG SA: TR 23.700-64, Version 0.5.0

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

## 12 Future meetings

See Annex I

## 13 AOB

n/a

## 14 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 |
| S6-220980 | SA6 Meeting 49-e Agenda | SA6 Chair | noted |  |  |
| S6-220981 | SA6 Meeting 48-e Report | MCC | approved |  |  |
| S6-220982 | SA6 Meeting #49-e - Agenda with Tdocs allocation after submission deadline | SA6 Chair | noted |  |  |
| S6-220983 | SA6 Meeting #49-e - Agenda with Tdocs allocation at start of the meeting | SA6 Chair | approved |  |  |
| S6-220984 | SA6 Meeting #49-e - Chair's notes at end of the meeting | SA6 Chair | noted |  |  |
| S6-220985 | SA6#49-e Work Plan Review | SA6 Chair | noted |  |  |
| S6-220986 | QoS monitoring clarification | Ericsson | revised |  | S6-221404 |
| S6-220987 | Reply LS on handling of the termination of reporting functionality in the SS\_NetworkResourceMonitoring API | Ericsson | revised |  | S6-221406 |
| S6-220988 | LS on slicing aspects of MC services | CT1 | replied to |  |  |
| S6-220989 | LS on the handling of the termination of reporting functionality in the SS\_NetworkResourceMonitoring API | CT3 | replied to |  |  |
| S6-220990 | Reply LS on 5MBS User Services | CT3 | noted |  |  |
| S6-220991 | Reply LS on 5MBS User Services | SA2 | replied to |  |  |
| S6-220992 | Reply LS on AF specific UE ID retrieval | SA2 | noted |  |  |
| S6-220993 | Reply LS on FS\_eEDGEAPP Solution for Support of Roaming UEs | SA2 | noted |  |  |
| S6-220994 | Response LS on maximum number of MBS sessions that can be associated to a PDU session | SA4 | noted |  |  |
| S6-220995 | LS on the clarification of Dynamic EAS instantiation triggering | SA5 | replied to |  |  |
| S6-220996 | QoS monitoring clarification | Ericsson | revised |  | S6-221405 |
| S6-220997 | New WID on Mission Critical Services over 5MBS | Union Inter. Chemins de Fer | noted | S6-211789 |  |
| S6-220998 | Discussion paper Status Editor's Notes TS 23.289 MBS related clauses | Union Inter. Chemins de Fer | noted |  |  |
| S6-220999 | Alternative media path routing for migrated MC service users without inclusion of the primary MC system | UIC, Nokia, Nokia Shanghai Bell, Kontron Transportation France | revised |  | S6-221356 |
| S6-221000 | Decoupling signalling and media for MCData service capabilities | UIC, Nokia, Nokia Shanghai Bel, Kontron Transportation France | revised |  | S6-221358 |
| S6-221001 | Decoupling signalling and media for MCData service capabilities | UIC, Nokia, Nokia Shanghai Bel, Kontron Transportation France | noted |  |  |
| S6-221002 | Sharing location information across MC systems (functional model) | BDBOS, Nokia, Nokia Shanghai Bell, UIC | revised |  | S6-221273 |
| S6-221003 | Sharing location information across MC systems (on-demand) | BDBOS, Nokia, Nokia Shanghai Bell, UIC | revised |  | S6-221274 |
| S6-221004 | Sharing location information across MC systems (triggered) | BDBOS, Nokia, Nokia Shanghai Bell, UIC | agreed |  |  |
| S6-221005 | Sharing location information across MC systems (subscription) | BDBOS, Nokia, Nokia Shanghai Bell, UIC | agreed |  |  |
| S6-221006 | Sharing location information across MC systems (configuration) | BDBOS, Nokia, Nokia Shanghai Bell, UIC | agreed |  |  |
| S6-221007 | pCR on profiles for visiting MC service user requirements | BDBOS | revised |  | S6-221374 |
| S6-221008 | pCR on information and selection of group communication requirements | BDBOS | revised |  | S6-221375 |
| S6-221009 | pCR on user and group MC service registration requirements | BDBOS | approved |  |  |
| S6-221010 | Edge Notification Server EN resolution and evaluation | AT&T GNS Belgium SPRL | revised |  | S6-221272 |
| S6-221011 | Removal of Editor’s Note on Multi-USS configuration | InterDigital | revised |  | S6-221321 |
| S6-221012 | MeetingsCallsDecisions | Qualcomm Incorporated | revised |  | S6-221303 |
| S6-221013 | Evaluation of Solution #2 | InterDigital | revised |  | S6-221323 |
| S6-221014 | Evaluation of Key Issue #2 | InterDigital | revised |  | S6-221324 |
| S6-221015 | Addition of requirements for multi-USS deployments | InterDigital | revised |  | S6-221325 |
| S6-221016 | New KI: Support for DAA | InterDigital | revised |  | S6-221326 |
| S6-221017 | Identities | ZTE Corporation | revised |  | S6-221283 |
| S6-221018 | Usage of SEAL Identity management services | ZTE Corporation | approved |  |  |
| S6-221019 | Usage of SEAL key management services | ZTE Corporation | revised |  | S6-221284 |
| S6-221020 | Usage of SEAL Configuration management services | ZTE Corporation | revised |  | S6-221285 |
| S6-221021 | Discussion on network slicing for MC services | Nokia, Nokia Shanghai Bell | noted |  |  |
| S6-221022 | Architectural and functional model for 5G MBS mission critical UE | AT&T | revised |  | S6-221280 |
| S6-221023 | Corrections on network slicing for MC services | Nokia, Nokia Shanghai Bell | merged |  | S6-221097 |
| S6-221024 | Corrections on network slicing for MC services | Nokia, Nokia Shanghai Bell | merged |  | S6-221096 |
| S6-221025 | Reply LS on slicing aspects of MC services | Nokia, Nokia Shanghai Bell | revised |  | S6-221345 |
| S6-221026 | Rename “MBS service announcement” to “MBS session announcement” for self consistency in the spec | AT&T | revised |  | S6-221282 |
| S6-221027 | Functional alias support for migrated users | Nokia, Nokia Shanghai Bell, Kontron Transportation France, UIC | revised |  | S6-221346 |
| S6-221028 | Migration during an ongoing private communication | Nokia, Nokia Shanghai Bell, UIC | merged | S6-220757 | S6-221103 |
| S6-221029 | Update the KI #11 on application layer slice SLA alignment capability | HUAWEI TECHNOLOGIES Co. Ltd. | revised |  | S6-221286 |
| S6-221030 | Solution to KI #11 on application layer slice SLA alignment capability | Huawei, AsiaInfo | revised |  | S6-221287 |
| S6-221031 | LS on the applicability of hold and forward function in DS-TT ports for 5G-native systems | Ericsson España S.A. | revised |  | S6-221446 |
| S6-221032 | Corrections to API invoker onboarding/offboarding in TS 23.222 | ETRI, Uangel | revised |  | S6-221263 |
| S6-221033 | Common EAS selection solution | Ericsson | revised | S6-220869 | S6-221403 |
| S6-221034 | New WID on Alignment of EDGEAPP, ETSI MEC and GSMA OP Architectures | Intel, SKT | revised |  | S6-221288 |
| S6-221035 | Solution for in KI#1 – Insertion and remove of PIN elements in a PIN | vivo | revised |  | S6-221332 |
| S6-221036 | Solution for in KI#1 – PIN delete | vivo | revised |  | S6-221333 |
| S6-221037 | Solution for in KI#1 – PIN discovery | vivo | revised |  | S6-221334 |
| S6-221038 | Solution for in KI#1 – PIN Profile | vivo | revised |  | S6-221335 |
| S6-221039 | Solution for in KI#1 – PIN server discovery | vivo | revised |  | S6-221336 |
| S6-221040 | Update for Solution 1 in KI#1 – PIN architeture update | vivo | revised |  | S6-221337 |
| S6-221041 | Update for Solution 2 in KI#1 – PIN modification | vivo | revised |  | S6-221338 |
| S6-221042 | Architectural requirements update | China Mobile (Hangzhou) Inf. | withdrawn |  |  |
| S6-221043 | Performance management requirements update | China Mobile (Hangzhou) Inf. | revised |  | S6-221281 |
| S6-221044 | Evaluation on solution#12 | Samsung | revised |  | S6-221329 |
| S6-221045 | Discussion on Fused Location Server Architecture | CATT | noted | S6-220667 |  |
| S6-221046 | Pseudo-CR on solution#1 update | CATT | revised | S6-220842 | S6-221371 |
| S6-221047 | Discussion on 5G enabled Location based Service | CATT | noted |  |  |
| S6-221048 | New SID on 5G-enabled Location Based Service | CATT | noted |  |  |
| S6-221049 | Pseudo-CR on solution for supporting geo-fencing applications | CATT | noted | S6-220843 |  |
| S6-221050 | Pseudo-CR on new solution for Multi-USIM Hybrid Location | CATT | revised |  | S6-221372 |
| S6-221051 | Pseudo-CR on solution#4 update | CATT | revised |  | S6-221373 |
| S6-221052 | Update solution #12 to remove EN | Samsung | revised |  | S6-221330 |
| S6-221053 | Remove EN from Solution 10 | China Mobile (Hangzhou) Inf. | approved |  |  |
| S6-221054 | New sol KI #9 EAS termination | Samsung | noted |  |  |
| S6-221055 | Evaluation on solution #3 | Samsung | revised |  | S6-221331 |
| S6-221056 | Update solution #3 to remove EN | Samsung | approved |  |  |
| S6-221057 | Handling DNN information configured in AC | Samsung | revised |  | S6-221339 |
| S6-221058 | Solution for KI#3 | Samsung | noted | S6-220571 |  |
| S6-221059 | Introducing KI on user authorization | BDBOS | approved | S6-220539 |  |
| S6-221060 | pCR on functional architecture | BDBOS, Nokia | postponed |  |  |
| S6-221061 | pCR on KI for secure exchange between MC systems | BDBOS | approved |  |  |
| S6-221062 | pCR on architectural requirements for secure exchange between MC systems | BDBOS | approved |  |  |
| S6-221063 | Architectural requirements update | China Mobile (Hangzhou) Inf. | approved |  |  |
| S6-221064 | update Solution #8 | China Mobile E-Commerce Co. | withdrawn |  |  |
| S6-221065 | update Solution #8 | China Mobile E-Commerce Co. | revised |  | S6-221353 |
| S6-221066 | update Solution #8 | China Mobile E-Commerce Co. | withdrawn |  |  |
| S6-221067 | Clarify relationship between store forward and device triggering | Huawei, Hisilicon | revised |  | S6-221304 |
| S6-221068 | Update Annex A.4- ETSI MEC and EDGEAPP system comparison | China Mobile E-Commerce Co. | revised |  | S6-221376 |
| S6-221069 | Remove the EN of broadcast in clause 10.4 | Huawei, Hisilicon | revised |  | S6-221305 |
| S6-221070 | new KI on Support for load control for VAL applications | China Mobile E-Commerce Co. | withdrawn |  |  |
| S6-221071 | solution for KI#x Support for load control for VAL applications | China Mobile E-Commerce Co. | revised |  | S6-221354 |
| S6-221072 | solution for KI#x Support for load control for VAL applications | China Mobile E-Commerce Co. | revised |  | S6-221355 |
| S6-221073 | Update Solution #8 | China Mobile E-Commerce Co. | revised |  | S6-221378 |
| S6-221074 | new KI on Support for load control for VAL applications | China Mobile E-Commerce Co. | revised |  | S6-221377 |
| S6-221075 | NS Info delivery general | Samsung Electronics | postponed | S6-220836 |  |
| S6-221076 | NS Info delivery with VAL request | Samsung Electronics | postponed |  |  |
| S6-221077 | MC GW UnMapGroupToBearer request and response procedure | Samsung R&D Institute India | agreed |  |  |
| S6-221078 | NS Info Delivery with subscription | Samsung Electronics | postponed |  |  |
| S6-221079 | Allow the user to restrict the dissemination of the location information | Samsung R&D Institute India | noted |  |  |
| S6-221080 | NS Info Notify | Samsung Electronics | postponed |  |  |
| S6-221081 | Allow the user to restrict the dissemination of the location information – MCPTT Configuration | Samsung R&D Institute India | revised |  | S6-221344 |
| S6-221082 | NS Info delivery in Registration phase | Samsung Electronics | postponed | S6-220840 |  |
| S6-221083 | NS Creation by VAL server | Samsung Electronics | revised |  | S6-221341 |
| S6-221084 | Allow the user to restrict the dissemination of the location information – MCData Configuration | Samsung R&D Institute India | agreed |  |  |
| S6-221085 | Allow the user to restrict the dissemination of the location information – MCPTT Configuration | Samsung R&D Institute India | agreed |  |  |
| S6-221086 | Auto affiliate to MCPTT group for remotely initiated MCPTT call request procedure | Samsung R&D Institute India | revised |  | S6-221343 |
| S6-221087 | Pseudo-CR on solution to KI#14 | Samsung Electronics Benelux BV | revised | S6-220846 | S6-221409 |
| S6-221088 | Call connect and disconnect over 5G MBS for MCData | Samsung R&D Institute India | revised |  | S6-221342 |
| S6-221089 | Solution evaluation for ad hoc group communicaton set up and release - Solution 1 | Samsung Electronics France SA | revised |  | S6-221441 |
| S6-221090 | Solution evaluation for configuration parameters required for ad hoc group communication | Samsung Electronics France SA | approved |  |  |
| S6-221091 | Solution proposal for Modifying participants list of on-going ad hoc group communication | Samsung Electronics France SA, Kontron Transportation France | revised |  | S6-221362 |
| S6-221092 | Proposal for overall evaluation and other changes | Samsung Electronics France SA | approved |  |  |
| S6-221093 | New Solution for KI#9: Dynamic EAS instantiation triggering and notification | ETRI, Uangel | revised |  | S6-221259 |
| S6-221094 | Presentation of TR 23.700-76 to TSG SA | Samsung Electronics France SA | revised |  | S6-221360 |
| S6-221095 | Overall evaluations for Key issue #2 | ETRI, Uangel | revised |  | S6-221260 |
| S6-221096 | Updating network slicing requirements for MC services (Rel-18) | Ericsson | revised |  | S6-221266 |
| S6-221097 | Updating network slicing requirements for MC services (Rel-17) | Ericsson | revised |  | S6-221267 |
| S6-221098 | eSEAL2-Discussion paper on notification management service | Samsung Electronics France SA, ATT | noted |  |  |
| S6-221099 | Including MBS FSA ID into the location information report | Ericsson | revised |  | S6-221268 |
| S6-221100 | Removing 5QI information element from the discover MBS session response | Ericsson | revised |  | S6-221269 |
| S6-221101 | Removing unicast bearer status from eMBMS bearer information | Ericsson | agreed |  |  |
| S6-221102 | SEAL Notification Management service – Functional Model | Samsung Electronics France SA,, AT&T | postponed |  |  |
| S6-221103 | Migration procedure during and ongoing private communication | Ericsson | revised |  | S6-221270 |
| S6-221104 | Allow no roaming migration | Ericsson | revised |  | S6-221271 |
| S6-221105 | IP Assignment support by MC Gateway UE | Ericsson | revised |  | S6-221452 |
| S6-221106 | Clarification of the functional model | NTT DOCOMO | revised |  | S6-221363 |
| S6-221107 | Resolving Editor's Note about CAPIF-8 | NTT DOCOMO | revised |  | S6-221364 |
| S6-221108 | Resolving Editor's Note about resource owner registration | NTT DOCOMO | revised |  | S6-221365 |
| S6-221109 | Replacing user consent with resource owner consent | NTT DOCOMO | approved |  |  |
| S6-221110 | Cleaning up the document format | NTT DOCOMO | approved |  |  |
| S6-221111 | Editorial change in clause titles | NTT DOCOMO | approved |  |  |
| S6-221112 | FS\_SNAAPP Overall evaluations | NTT DOCOMO | revised |  | S6-221366 |
| S6-221113 | FS\_SNAAPP Conclusions | NTT DOCOMO | revised |  | S6-221367 |
| S6-221114 | LS on CAPIF authorization roles related to FS\_SNAAPP | NTT DOCOMO | revised |  | S6-221368 |
| S6-221115 | Presentation of Report to TSG: TR 23.700-95, Version 1.3.0 | NTT DOCOMO | revised |  | S6-221369 |
| S6-221116 | New WID on application enablement aspects for subscriber-aware northbound API access | NTT DOCOMO | revised |  | S6-221370 |
| S6-221117 | New WID on Network Slice Capability Exposure for Application Layer Enablement | China Mobile (Suzhou) Software | revised |  | S6-221290 |
| S6-221118 | Removal of ENs with no action | China Mobile Com. Corporation | agreed |  |  |
| S6-221119 | Presentation of TR 23.700-99 to TSG | China Mobile (Suzhou) Software | revised |  | S6-221302 |
| S6-221120 | Messaging Topic handling between different MSGin5G Servers | China Mobile Com. Corporation | revised |  | S6-221276 |
| S6-221121 | Cardinality rules for NSCALE | China Mobile (Suzhou) Software | revised |  | S6-221291 |
| S6-221122 | Service area for NSCE | China Mobile (Suzhou) Software | revised |  | S6-221292 |
| S6-221123 | Deployment models | China Mobile (Suzhou) Software | revised |  | S6-221293 |
| S6-221124 | Message delivery based on Messaging Topic for different PLMNs | China Mobile Com. Corporation | revised |  | S6-221277 |
| S6-221125 | KI 12 update | China Mobile (Suzhou) Software | revised |  | S6-221294 |
| S6-221126 | Interaction between the NSCE servers | China Mobile (Suzhou) Software | revised |  | S6-221295 |
| S6-221127 | Solve the EN in KI#2 | China Mobile (Suzhou) Software | revised |  | S6-221296 |
| S6-221128 | Solve the EN in KI#7 | China Mobile (Suzhou) Software | revised |  | S6-221297 |
| S6-221129 | Update of MSGin5G UE registration | China Mobile Com. Corporation | revised |  | S6-221278 |
| S6-221130 | Network slice optimization based on AF policy | China Mobile (Suzhou) Software | revised |  | S6-221298 |
| S6-221131 | Overall evaluation update | China Mobile (Suzhou) Software | revised |  | S6-221299 |
| S6-221132 | Conclusion | China Mobile (Suzhou) Software | revised |  | S6-221300 |
| S6-221133 | Update of Non-MSGin5G UE registration | China Mobile Com. Corporation | revised |  | S6-221279 |
| S6-221134 | New KI on support for analytics enablement | China Mobile (Suzhou) Software | revised |  | S6-221301 |
| S6-221135 | Solution #13 update and evaluation | Samsung | revised |  | S6-221340 |
| S6-221136 | Solve EN in ACR | Ericsson | revised |  | S6-221402 |
| S6-221137 | Add location reference in HDmap | Ericsson | revised |  | S6-221398 |
| S6-221138 | Federated EAS discovery | Ericsson | revised |  | S6-221401 |
| S6-221139 | High Performance Edge computing | Ericsson | revised |  | S6-221400 |
| S6-221140 | Solve EN for sol#18 | Ericsson | postponed |  |  |
| S6-221141 | Solve EN for sol#24 | Ericsson | revised |  | S6-221399 |
| S6-221142 | Solve EN for SSC | Ericsson | postponed |  |  |
| S6-221143 | Solution for KI#9 - Enhancement of dynamic EAS instantiation triggering | InterDigital, Ericsson, Samsung | revised | S6-220849 | S6-221488 |
| S6-221144 | Solution for KI#19 – ACR selection and coordination | InterDigital, Ericsson, Samsung | revised | S6-220824 | S6-221320 |
| S6-221145 | Update to solution #14 | InterDigital | revised | S6-220822 | S6-221319 |
| S6-221146 | Update to Solution #11 | ETRI, Uangel | revised |  | S6-221261 |
| S6-221147 | Resolution of Editor’s Note on ACID in Solution#28 | InterDigital | revised |  | S6-221317 |
| S6-221148 | Evaluation of Solution #28 | InterDigital | revised |  | S6-221318 |
| S6-221149 | Pseudo-CR on solution to KI#20 | Samsung Electronics Benelux BV | revised |  | S6-221410 |
| S6-221150 | LS on DN energy related analytics | Lenovo Future Communications | revised |  | S6-221347 |
| S6-221151 | EN resolution for Solution 3 | Lenovo Future Communications | approved |  |  |
| S6-221152 | Annex on business models and relationships | Lenovo Future Communications | revised |  | S6-221348 |
| S6-221153 | Solution #6 update - ACR pause procedure | Lenovo Future Communications | postponed |  |  |
| S6-221154 | Update of solution templates | Lenovo Future Communications | approved |  |  |
| S6-221155 | ADAE layer architecture update | Lenovo Future Communications | revised |  | S6-221349 |
| S6-221156 | Deployment scenarios | Lenovo Future Communications | approved |  |  |
| S6-221157 | Key Issue on location accuracy analytics | Lenovo Future Communications | revised |  | S6-221350 |
| S6-221158 | Key Issue on support for service API capability analytics | Lenovo Future Communications | revised |  | S6-221351 |
| S6-221159 | Solution on slice-related application data analytics | Lenovo Future Communications | revised |  | S6-221352 |
| S6-221160 | SEAL Notification Management Service - Information Flows and Procedures | Samsung Electronics France SA,, AT&T | postponed |  |  |
| S6-221161 | Solution on UE to UE session performance analytics | Lenovo Future Communications | approved |  |  |
| S6-221162 | pCR on Update to Solution #29 for Key issue #17: Discovery of a common EAS | Apple GmbH | revised |  | S6-221275 |
| S6-221163 | Updates to Key issue 1 – Managing profile and context information of PIN | Samsung | approved |  |  |
| S6-221164 | Key issue x - PEMC and PEGC role change in PIN | Samsung Electronics France SA | revised |  | S6-221361 |
| S6-221165 | Update to Solution #25 ACR between EAS and Cloud Application Server | Apple | revised |  | S6-221357 |
| S6-221166 | Pseudo-CR on solution to KI#13 - Edge enabler layer support for EAS synchronization | Samsung | revised | S6-220874 | S6-221390 |
| S6-221167 | Pseudo-CR on KI on planned EES shutdown and solution | Samsung | revised | S6-220875 | S6-221391 |
| S6-221168 | Discussion on Need for SEAL registrar | Samsung | noted |  |  |
| S6-221169 | SEAL Registrar service | Samsung | revised |  | S6-221392 |
| S6-221170 | Handling of UE Mobility pattern | Samsung | revised |  | S6-221393 |
| S6-221171 | Pseudo-CR on resolving ENs for solution #1 | Samsung | revised |  | S6-221394 |
| S6-221172 | Pseudo-CR on solution evaluation for solution#1 | Samsung | revised |  | S6-221395 |
| S6-221173 | Pseudo-CR on solution evaluation for solution 9 | Samsung | revised |  | S6-221396 |
| S6-221174 | LS on Support for managing slice for trusted third-party owned application | Samsung | revised |  | S6-221397 |
| S6-221175 | Solution for KI#3 – Service Switch | InterDigital | revised |  | S6-221327 |
| S6-221176 | Solution for KI#4 – AS Discovery | InterDigital | revised |  | S6-221328 |
| S6-221177 | UE activity pattern and monitoring solution | Convida Wireless LLC | revised |  | S6-221306 |
| S6-221178 | BDT configuration solution | Convida Wireless LLC | revised |  | S6-221307 |
| S6-221179 | NIDD configuration solution | Convida Wireless LLC | revised |  | S6-221308 |
| S6-221180 | Data analytics use of data collection services | Convida Wireless LLC | revised |  | S6-221309 |
| S6-221181 | EAS selection synchronization at registration | Convida Wireless LLC | revised |  | S6-221310 |
| S6-221182 | ECS Publish Discovery CAPIF | Convida Wireless LLC | noted |  |  |
| S6-221183 | AC Association aware service provisioning | Convida Wireless LLC | revised |  | S6-221311 |
| S6-221184 | AC Association aware ACR | Convida Wireless LLC | revised |  | S6-221312 |
| S6-221185 | UE requested VRU zones | Convida Wireless LLC | revised |  | S6-221313 |
| S6-221186 | Enhanced ECS for federation and roaming | Qualcomm | revised |  | S6-221379 |
| S6-221187 | Pseudo-CR on EDGE-5 APIs | Qualcomm | revised |  | S6-221380 |
| S6-221188 | ACR scenario overlap | Qualcomm | revised |  | S6-221381 |
| S6-221189 | Requirements for common EAS | Qualcomm | revised |  | S6-221382 |
| S6-221190 | UE triggered NS adaptation | Convida Wireless LLC | revised |  | S6-221314 |
| S6-221191 | UE API Invoker onboarding solution | Convida Wireless LLC | revised |  | S6-221315 |
| S6-221192 | Establish FFA-2 based on unilateral request | Convida Wireless LLC | revised |  | S6-221383 |
| S6-221193 | Solution Update to Solution#23 UE identification with NAT | KPN N.V., Qualcomm | revised |  | S6-221442 |
| S6-221194 | ACR request trigger timing and prediction expiration time | KPN N.V., Ericsson | revised |  | S6-221443 |
| S6-221195 | Pseudo-CR on Solution to KI#17 | Samsung | revised |  | S6-221385 |
| S6-221196 | Pseudo-CR on ACR edge and cloud | Samsung | revised |  | S6-221386 |
| S6-221197 | Pseudo-CR on Overall evaluation | Samsung | revised |  | S6-221387 |
| S6-221198 | Pseudo-CR on Conclusions | Samsung | approved |  |  |
| S6-221199 | Future work New WID eEDGEAPP | Samsung | revised |  | S6-221388 |
| S6-221200 | FS\_eEDGEAPP\_Work\_plan | Samsung | noted |  |  |
| S6-221201 | Presentation of Report to TSG SA: TR 23.700-98, Version 0.7.0 | SA6 | agreed |  |  |
| S6-221202 | Pseudo-CR on update to solution#3 | Samsung | revised |  | S6-221389 |
| S6-221203 | Pseudo-CR on Update overall evaluation for Key Issue #4 | Samsung | approved |  |  |
| S6-221204 | Pseudo-CR on Solution to Key Issue #1 | Samsung | approved |  |  |
| S6-221205 | Correction to the supported functions of EDGE-9 | Huawei, Hisilicon | revised |  | S6-221412 |
| S6-221206 | Corrections to the requirements for subscription service | Huawei, Hisilicon | merged |  | S6-221207 |
| S6-221207 | Corrections to the functions of EES and EAS | Huawei, Hisilicon | revised |  | S6-221413 |
| S6-221208 | Editorial correction of the reference number format | Huawei, Hisilicon | merged |  | S6-221206 |
| S6-221209 | Corrections for selected T-EAS declaration | Huawei, Hisilicon | revised | S6-220906 | S6-221414 |
| S6-221210 | Sharing location information across VAL servers | Huawei, Hisilicon, Kyonggi University | postponed | S6-220909 |  |
| S6-221211 | IEs for procedure in clause 7.1 | Huawei, Hisilicon | postponed |  |  |
| S6-221212 | Add MBS service announcement acknowledge | Huawei, Hisilicon | agreed |  |  |
| S6-221213 | Clarification on GC1 in clause 4.7 | Huawei, Hisilicon | revised |  | S6-221415 |
| S6-221214 | Format corrections to clause 7.3.2.9 | Huawei, Hisilicon | revised |  | S6-221416 |
| S6-221215 | Merge MBS UE session join notification to MBS listening status report | Huawei, Hisilicon | revised |  | S6-221417 |
| S6-221216 | Update to de-announcement | Huawei, Hisilicon | revised |  | S6-221418 |
| S6-221217 | R18 MCOver5MBS features summary | Huawei, Hisilicon | noted |  |  |
| S6-221218 | R18 MCOver5GProSe features summary | Huawei, Hisilicon | noted |  |  |
| S6-221219 | Migration during an ongoing private communication | Huawei, Hisilicon | merged |  | S6-221270 |
| S6-221220 | Solution on KI#6: SEALDD server discovery and selection in EDN | Huawei, Hisilicon | revised |  | S6-221419 |
| S6-221221 | KI on SEALDD connection establishment | Huawei, Hisilicon | revised |  | S6-221420 |
| S6-221222 | KI on SEALDD enabled Media data processing | Huawei, Hisilicon | revised |  | S6-221421 |
| S6-221223 | Solution on KI#5: Data Storage for Cache service | Huawei, Hisilicon | postponed |  |  |
| S6-221224 | Update to Solution #2 for sequence number issue | Huawei, Hisilicon | revised |  | S6-221422 |
| S6-221225 | Update to Solution #4 for storage service query procedure | Huawei, Hisilicon | revised |  | S6-221423 |
| S6-221226 | Discussion on Association between VAL server and SEALDD server | Huawei, Hisilicon | noted |  |  |
| S6-221227 | Solution for ACR scenario selection for linkage EAS(s) | Huawei, Hisilicon | revised |  | S6-221424 |
| S6-221228 | Solution for T-EAS discovery for linkage of AC with multiple EAS(s) | Huawei, Hisilicon | revised | S6-220896 | S6-221425 |
| S6-221229 | Solution for EAS discovery in Edge Node sharing scenario | Huawei, Hisilicon | revised | S6-220720 | S6-221426 |
| S6-221230 | Solution for T-EAS discovery in Edge services support across ECSPs | Huawei, Hisilicon | revised | S6-220723 | S6-221427 |
| S6-221231 | Enhancement to Solution on ACR scenario combination | Huawei, Hisilicon | revised | S6-220893 | S6-221428 |
| S6-221232 | Evaluation of solution #19 | Huawei, Hisilicon | revised | S6-220898 | S6-221429 |
| S6-221233 | Update- Key issue #6: Edge services support across ECSPs | Huawei, Hisilicon | revised |  | S6-221430 |
| S6-221234 | Update to solution #7 | Huawei, Hisilicon | revised |  | S6-221431 |
| S6-221235 | Resolving ENs in Solution 21 | Huawei, Hisilicon | postponed |  |  |
| S6-221236 | Resolving the ENs in Solutions 4 and 5 | Huawei, Hisilicon | revised |  | S6-221432 |
| S6-221237 | Alignment of EDGEAPP and ETSI MEC | Huawei, Hisilicon | revised |  | S6-221433 |
| S6-221238 | Revising KI#5 | Huawei, Hisilicon | revised |  | S6-221434 |
| S6-221239 | New Solution for KI#5 | Huawei, Hisilicon | revised |  | S6-221435 |
| S6-221240 | LS on Alignment of EAS registration and MEC application registration | Huawei, Hisilicon | revised |  | S6-221436 |
| S6-221241 | Resolving location of Authorization Function in CAPIF | Huawei, Hisilicon | revised |  | S6-221437 |
| S6-221242 | Resolving EN on CAPIF-8 | Huawei, Hisilicon | revised |  | S6-221438 |
| S6-221243 | Key Issue on usage of network analytics | Huawei, Hisilicon | revised |  | S6-221439 |
| S6-221244 | Presentation of Report to TSG SA: TR 23.700-64, Version 0.5.0 | SA6 | agreed |  |  |
| S6-221245 | RO registration enhancements | Convida Wireless LLC | revised |  | S6-221316 |
| S6-221246 | Pseudo-CR on Solution#24 update for CAS initiated ACR procedure | KPN N.V. | revised |  | S6-221444 |
| S6-221247 | Pseudo-CR on Solution#25 update for CAS initiated ACR procedure | KPN N.V. | revised |  | S6-221445 |
| S6-221248 | LS reply on 5MBS User Services | Ericsson | withdrawn | - | - |
| S6-221249 | Reply LS to the clarification of Dynamic EAS instantiation triggering | Intel | revised | - | S6-221289 |
| S6-221250 | Reply LS on PIN Application Server Discovery | SA1 | noted | - | - |
| S6-221251 | Corrections to API invoker onboarding/offboarding in TS 23.222 | ETRI, Uangel | revised | - | S6-221264 |
| S6-221252 | Corrections to API invoker onboarding/offboarding in TS 23.222 | ETRI, Uangel | revised | - | S6-221262 |
| S6-221253 | LS on N5 clarification for MBS usage | Huawei | revised | - | S6-221440 |
| S6-221254 | Discussion on SA6 support of federation | Convida Wireless | noted | - | - |
| S6-221255 | External TR Structure presentation | Intel | noted | - | - |
| S6-221256 | Discussion on guidelines for SA6 Wis management | Huawei | noted | - | - |
| S6-221257 | Pseudo-CR on update KI#6 | CATT | revised | - | S6-221461 |
| S6-221258 | Discussion on Cache | Huawei, Hisilicon | withdrawn | - | - |
| S6-221259 | New Solution for KI#9: Dynamic EAS instantiation triggering and notification | ETRI, Uangel | revised | S6-221093 | S6-221463 |
| S6-221260 | Overall evaluations for Key issue #2 | ETRI, Uangel | approved | S6-221095 | - |
| S6-221261 | Update to Solution #11 | ETRI, Uangel | approved | S6-221146 | - |
| S6-221262 | Corrections to API invoker onboarding/offboarding in TS 23.222 | ETRI, Uangel | agreed | S6-221252 | - |
| S6-221263 | Corrections to API invoker onboarding/offboarding in TS 23.222 | ETRI, Uangel | agreed | S6-221032 | - |
| S6-221264 | Corrections to API invoker onboarding/offboarding in TS 23.222 | ETRI, Uangel | agreed | S6-221251 | - |
| S6-221265 | Modification of API invoker onboarding/offboarding in TS 23.222 | ETRI, Uangel, Samsung | noted | - | - |
| S6-221266 | Updating network slicing requirements for MC services (Rel-18) | Ericsson | agreed | S6-221096 | - |
| S6-221267 | Updating network slicing requirements for MC services (Rel-17) | Ericsson | agreed | S6-221097 | - |
| S6-221268 | Including MBS FSA ID into the location information report | Ericsson | agreed | S6-221099 | - |
| S6-221269 | Removing 5QI information element from the discover MBS session response | Ericsson | agreed | S6-221100 | - |
| S6-221270 | Migration procedure during and ongoing private communication | Ericsson, Nokia, Nokia Shanghai Bell, Huawei | revised | S6-221103 | S6-221453 |
| S6-221271 | Allow no roaming migration | Ericsson | agreed | S6-221104 | - |
| S6-221272 | Edge Notification Server EN resolution and evaluation | AT&T GNS Belgium SPRL | approved | S6-221010 | - |
| S6-221273 | Sharing location information across MC systems (functional model) | BDBOS, Nokia, Nokia Shanghai Bell, UIC | agreed | S6-221002 | - |
| S6-221274 | Sharing location information across MC systems (on-demand) | BDBOS, Nokia, Nokia Shanghai Bell, UIC | agreed | S6-221003 | - |
| S6-221275 | pCR on Update to Solution #29 for Key issue #17: Discovery of a common EAS | Apple GmbH | postponed | S6-221162 | - |
| S6-221276 | Messaging Topic handling between different MSGin5G Servers | China Mobile Com. Corporation | agreed | S6-221120 | - |
| S6-221277 | Message delivery based on Messaging Topic for different PLMNs | China Mobile Com. Corporation | agreed | S6-221124 | - |
| S6-221278 | Update of MSGin5G UE registration | China Mobile Com. Corporation | agreed | S6-221129 | - |
| S6-221279 | Update of Non-MSGin5G UE registration | China Mobile Com. Corporation | postponed | S6-221133 | - |
| S6-221280 | Architectural and functional model for 5G MBS mission critical UE | AT&T | revised | S6-221022 | S6-221407 |
| S6-221281 | Performance management requirements update | China Mobile (Hangzhou) Inf. | approved | S6-221043 | - |
| S6-221282 | Rename “MBS service announcement” to “MBS session announcement” for self consistency in the spec | AT&T | agreed | S6-221026 | - |
| S6-221283 | Identities | ZTE Corporation | approved | S6-221017 | - |
| S6-221284 | Usage of SEAL key management services | ZTE Corporation | approved | S6-221019 | - |
| S6-221285 | Usage of SEAL Configuration management services | ZTE Corporation | postponed | S6-221020 | - |
| S6-221286 | Update the KI #11 on application layer slice SLA alignment capability | HUAWEI TECHNOLOGIES Co. Ltd. | revised | S6-221029 | S6-221454 |
| S6-221287 | Solution to KI #11 on application layer slice SLA alignment capability | Huawei, AsiaInfo | postponed | S6-221030 | - |
| S6-221288 | New WID on Alignment of EDGEAPP, ETSI MEC and GSMA OP Architectures | Intel, SKT | revised | S6-221034 | S6-221496 |
| S6-221289 | Reply LS to the clarification of Dynamic EAS instantiation triggering | Intel | revised | S6-221249 | S6-221486 |
| S6-221290 | New WID on Network Slice Capability Exposure for Application Layer Enablement | China Mobile (Suzhou) Software | revised | S6-221117 | S6-221483 |
| S6-221291 | Cardinality rules for NSCALE | China Mobile (Suzhou) Software | approved | S6-221121 | - |
| S6-221292 | Service area for NSCE | China Mobile (Suzhou) Software | approved | S6-221122 | - |
| S6-221293 | Deployment models | China Mobile (Suzhou) Software | approved | S6-221123 | - |
| S6-221294 | KI 12 update | China Mobile (Suzhou) Software | approved | S6-221125 | - |
| S6-221295 | Interaction between the NSCE servers | China Mobile (Suzhou) Software | approved | S6-221126 | - |
| S6-221296 | Solve the EN in KI#2 | China Mobile (Suzhou) Software | approved | S6-221127 | - |
| S6-221297 | Solve the EN in KI#7 | China Mobile (Suzhou) Software | approved | S6-221128 | - |
| S6-221298 | Network slice optimization based on AF policy | China Mobile (Suzhou) Software | postponed | S6-221130 | - |
| S6-221299 | Overall evaluation update | China Mobile (Suzhou) Software | revised | S6-221131 | S6-221455 |
| S6-221300 | Conclusion | China Mobile (Suzhou) Software | revised | S6-221132 | S6-221456 |
| S6-221301 | New KI on support for analytics enablement | China Mobile (Suzhou) Software | approved | S6-221134 | - |
| S6-221302 | Presentation of TR 23.700-99 to TSG | China Mobile (Suzhou) Software | postponed | S6-221119 | - |
| S6-221303 | MeetingsCallsDecisions | Qualcomm Incorporated | endorsed | S6-221012 | - |
| S6-221304 | Clarify relationship between store forward and device triggering | Huawei, Hisilicon | agreed | S6-221067 | - |
| S6-221305 | Remove the EN of broadcast in clause 10.4 | Huawei, Hisilicon | agreed | S6-221069 | - |
| S6-221306 | UE activity pattern and monitoring solution | Convida Wireless LLC | postponed | S6-221177 | - |
| S6-221307 | BDT configuration solution | Convida Wireless LLC | approved | S6-221178 | - |
| S6-221308 | NIDD configuration solution | Convida Wireless LLC | postponed | S6-221179 | - |
| S6-221309 | Data analytics use of data collection services | Convida Wireless LLC | revised | S6-221180 | S6-221322 |
| S6-221310 | EAS selection synchronization at registration | Convida Wireless LLC | postponed | S6-221181 | - |
| S6-221311 | AC Association aware service provisioning | Convida Wireless LLC | postponed | S6-221183 | - |
| S6-221312 | AC Association aware ACR | Convida Wireless LLC | postponed | S6-221184 | - |
| S6-221313 | UE requested VRU zones | Convida Wireless LLC | revised | S6-221185 | S6-221495 |
| S6-221314 | UE triggered NS adaptation | Convida Wireless LLC | approved | S6-221190 | - |
| S6-221315 | UE API Invoker onboarding solution | Convida Wireless LLC | withdrawn | S6-221191 | - |
| S6-221316 | RO registration enhancements | Convida Wireless LLC | postponed | S6-221245 | - |
| S6-221317 | Resolution of Editor’s Note on ACID in Solution#28 | InterDigital | revised | S6-221147 | S6-221466 |
| S6-221318 | Evaluation of Solution #28 | InterDigital | revised | S6-221148 | S6-221489 |
| S6-221319 | Update to solution #14 | InterDigital | revised | S6-221145 | S6-221490 |
| S6-221320 | Solution for KI#19 – ACR selection and coordination | InterDigital, Ericsson, Samsung | revised | S6-221144 | S6-221491 |
| S6-221321 | Removal of Editor’s Note on Multi-USS configuration | InterDigital | approved | S6-221011 | - |
| S6-221322 | Data analytics use of data collection services | Convida Wireless LLC | revised | S6-221309 | S6-221474 |
| S6-221323 | Evaluation of Solution #2 | InterDigital | approved | S6-221013 | - |
| S6-221324 | Evaluation of Key Issue #2 | InterDigital | revised | S6-221014 | S6-221471 |
| S6-221325 | Addition of requirements for multi-USS deployments | InterDigital | approved | S6-221015 | - |
| S6-221326 | New KI: Support for DAA | InterDigital | approved | S6-221016 | - |
| S6-221327 | Solution for KI#3 – Service Switch | InterDigital | revised | S6-221175 | S6-221481 |
| S6-221328 | Solution for KI#4 – AS Discovery | InterDigital | postponed | S6-221176 | - |
| S6-221329 | Evaluation on solution#12 | Samsung | revised | S6-221044 | S6-221462 |
| S6-221330 | Update solution #12 to remove EN | Samsung | approved | S6-221052 | - |
| S6-221331 | Evaluation on solution #3 | Samsung | approved | S6-221055 | - |
| S6-221332 | Solution for in KI#1 – Insertion and remove of PIN elements in a PIN | vivo | revised | S6-221035 | S6-221475 |
| S6-221333 | Solution for in KI#1 – PIN delete | vivo | revised | S6-221036 | S6-221476 |
| S6-221334 | Solution for in KI#1 – PIN discovery | vivo | revised | S6-221037 | S6-221477 |
| S6-221335 | Solution for in KI#1 – PIN Profile | vivo | revised | S6-221038 | S6-221478 |
| S6-221336 | Solution for in KI#1 – PIN server discovery | vivo | approved | S6-221039 | - |
| S6-221337 | Update for Solution 1 in KI#1 – PIN architeture update | vivo | revised | S6-221040 | S6-221479 |
| S6-221338 | Update for Solution 2 in KI#1 – PIN modification | vivo | revised | S6-221041 | S6-221480 |
| S6-221339 | Handling DNN information configured in AC | Samsung | postponed | S6-221057 | - |
| S6-221340 | Solution #13 update and evaluation | Samsung | postponed | S6-221135 | - |
| S6-221341 | NS Creation by VAL server | Samsung Electronics | approved | S6-221083 | - |
| S6-221342 | Call connect and disconnect over 5G MBS for MCData | Samsung R&D Institute India | revised | S6-221088 | S6-221384 |
| S6-221343 | Auto affiliate to MCPTT group for remotely initiated MCPTT call request procedure | Samsung R&D Institute India | agreed | S6-221086 | - |
| S6-221344 | Allow the user to restrict the dissemination of the location information – MCPTT Configuration | Samsung R&D Institute India | agreed | S6-221081 | - |
| S6-221345 | Reply LS on slicing aspects of MC services | SA6 | approved | S6-221025 | - |
| S6-221346 | Functional alias support for migrated users | Nokia, Nokia Shanghai Bell, Kontron Transportation France, UIC | agreed | S6-221027 | - |
| S6-221347 | LS on DN energy efficiency data analytics | SA6 | approved | S6-221150 | - |
| S6-221348 | Annex on business models and relationships | Lenovo Future Communications | approved | S6-221152 | - |
| S6-221349 | ADAE layer architecture update | Lenovo Future Communications | approved | S6-221155 | - |
| S6-221350 | Key Issue on location accuracy analytics | Lenovo Future Communications | approved | S6-221157 | - |
| S6-221351 | Key Issue on support for service API capability analytics | Lenovo Future Communications | approved | S6-221158 | - |
| S6-221352 | Solution on slice-related application data analytics | Lenovo Future Communications | approved | S6-221159 | - |
| S6-221353 | update Solution #8 | China Mobile E-Commerce Co. | approved | S6-221065 | - |
| S6-221354 | solution for KI#x Support for load control for VAL applications | China Mobile E-Commerce Co. | postponed | S6-221071 | - |
| S6-221355 | solution for KI#x Support for load control for VAL applications | China Mobile E-Commerce Co. | postponed | S6-221072 | - |
| S6-221356 | Alternative media path routing for migrated MC service users without inclusion of the primary MC system | UIC, Nokia, Nokia Shanghai Bell, Kontron Transportation France | postponed | S6-220999 | - |
| S6-221357 | Update to Solution #25 ACR between EAS and Cloud Application Server | Apple | approved | S6-221165 | - |
| S6-221358 | Decoupling signalling and media for MCData service capabilities | UIC, Nokia, Nokia Shanghai Bel, Kontron Transportation France | agreed | S6-221000 | - |
| S6-221359 | Withdrawn | BDBOS | withdrawn | - | - |
| S6-221360 | Presentation of TR 23.700-76 to TSG SA | SA6 | agreed | S6-221094 | - |
| S6-221361 | Key issue x - PEMC and PEGC role change in PIN | Samsung Electronics France SA | approved | S6-221164 | - |
| S6-221362 | Solution proposal for Modifying participants list of on-going ad hoc group communication | Samsung Electronics France SA, Kontron Transportation France | approved | S6-221091 | - |
| S6-221363 | Clarification of the functional model | NTT DOCOMO | revised | S6-221106 | S6-221457 |
| S6-221364 | Resolving Editor's Note about CAPIF-8 | NTT DOCOMO | merged | S6-221107 | S6-221438 |
| S6-221365 | Resolving Editor's Note about resource owner registration | NTT DOCOMO | approved | S6-221108 | - |
| S6-221366 | FS\_SNAAPP Overall evaluations | NTT DOCOMO | approved | S6-221112 | - |
| S6-221367 | FS\_SNAAPP Conclusions | NTT DOCOMO | approved | S6-221113 | - |
| S6-221368 | LS on CAPIF authorization roles related to FS\_SNAAPP | NTT DOCOMO | postponed | S6-221114 | - |
| S6-221369 | Presentation of Report to TSG: TR 23.700-95, Version 1.3.0 | NTT DOCOMO | postponed | S6-221115 | - |
| S6-221370 | New WID on application enablement aspects for subscriber-aware northbound API access | NTT DOCOMO | revised | S6-221116 | S6-221482 |
| S6-221371 | Pseudo-CR on solution#1 update | CATT | revised | S6-221046 | S6-221487 |
| S6-221372 | Pseudo-CR on new solution for Multi-USIM Hybrid Location | CATT | postponed | S6-221050 | - |
| S6-221373 | Pseudo-CR on solution#4 update | CATT | revised | S6-221051 | S6-221459 |
| S6-221374 | pCR on profiles for visiting MC service user requirements | BDBOS | approved | S6-221007 | - |
| S6-221375 | pCR on information and selection of group communication requirements | BDBOS | approved | S6-221008 | - |
| S6-221376 | Update Annex A.4- ETSI MEC and EDGEAPP system comparison | China Mobile E-Commerce Co. | revised | S6-221068 | S6-221470 |
| S6-221377 | new KI on Support for load control for VAL applications | China Mobile E-Commerce Co. | postponed | S6-221074 | - |
| S6-221378 | Update Solution #8 | China Mobile E-Commerce Co. | revised | S6-221073 | S6-221464 |
| S6-221379 | Enhanced ECS for federation and roaming | Qualcomm | postponed | S6-221186 | - |
| S6-221380 | Pseudo-CR on EDGE-5 APIs | Qualcomm | revised | S6-221187 | S6-221465 |
| S6-221381 | ACR scenario overlap | Qualcomm | postponed | S6-221188 | - |
| S6-221382 | Requirements for common EAS | Qualcomm | postponed | S6-221189 | - |
| S6-221383 | Establish FFA-2 based on unilateral request | Convida Wireless LLC | postponed | S6-221192 | - |
| S6-221384 | Call connect and disconnect over 5G MBS for MCData | Samsung R&D Institute India | agreed | S6-221342 | - |
| S6-221385 | Pseudo-CR on Solution to KI#17 | Samsung | revised | S6-221195 | S6-221468 |
| S6-221386 | Pseudo-CR on ACR edge and cloud | Samsung | revised | S6-221196 | S6-221469 |
| S6-221387 | Pseudo-CR on Overall evaluation | Samsung | approved | S6-221197 | - |
| S6-221388 | Future work New WID eEDGEAPP | Samsung | postponed | S6-221199 | - |
| S6-221389 | Pseudo-CR on update to solution#3 | Samsung | revised | S6-221202 | S6-221460 |
| S6-221390 | Pseudo-CR on solution to KI#13 - Edge enabler layer support for EAS synchronization | Samsung | postponed | S6-221166 | - |
| S6-221391 | Pseudo-CR on KI on planned EES shutdown and solution | Samsung | postponed | S6-221167 | - |
| S6-221392 | SEAL Registrar service | Samsung | postponed | S6-221169 | - |
| S6-221393 | Handling of UE Mobility pattern | Samsung | postponed | S6-221170 | - |
| S6-221394 | Pseudo-CR on resolving ENs for solution #1 | Samsung | approved | S6-221171 | - |
| S6-221395 | Pseudo-CR on solution evaluation for solution#1 | Samsung | approved | S6-221172 | - |
| S6-221396 | Pseudo-CR on solution evaluation for solution 9 | Samsung | postponed | S6-221173 | - |
| S6-221397 | LS on Support for managing slice for trusted third-party owned application | Samsung | revised | S6-221174 | S6-221484 |
| S6-221398 | Add location reference in HDmap | Ericsson | agreed | S6-221137 | - |
| S6-221399 | Solve EN for sol#24 | Ericsson | approved | S6-221141 | - |
| S6-221400 | High Performance Edge computing | Ericsson | postponed | S6-221139 | - |
| S6-221401 | Federated EAS discovery | Ericsson | postponed | S6-221138 | - |
| S6-221402 | Solve EN in ACR | Ericsson | agreed | S6-221136 | - |
| S6-221403 | Common EAS selection solution | Ericsson | revised | S6-221033 | S6-221467 |
| S6-221404 | QoS monitoring clarification | Ericsson | agreed | S6-220986 | - |
| S6-221405 | QoS monitoring clarification | Ericsson | revised | S6-220996 | S6-221451 |
| S6-221406 | Reply LS on handling of the termination of reporting functionality in the SS\_NetworkResourceMonitoring API | Ericsson | revised | S6-220987 | S6-221411 |
| S6-221407 | Architectural and functional model for 5G MBS mission critical UE | AT&T | revised | S6-221280 | S6-221408 |
| S6-221408 | Architectural and functional model for 5G MBS mission critical UE | AT&T | agreed | S6-221407 | - |
| S6-221409 | Pseudo-CR on solution to KI#14 | Samsung Electronics Benelux BV | postponed | S6-221087 | - |
| S6-221410 | Pseudo-CR on solution to KI#20 | Samsung Electronics Benelux BV | postponed | S6-221149 | - |
| S6-221411 | Reply LS on handling of the termination of reporting functionality in the SS\_NetworkResourceMonitoring API | Ericsson | revised | S6-221406 | S6-221448 |
| S6-221412 | Correction to the supported functions of EDGE-9 | Huawei, Hisilicon | agreed | S6-221205 | - |
| S6-221413 | Corrections to the functions of EES and EAS | Huawei, Hisilicon | revised | S6-221207 | S6-221450 |
| S6-221414 | Corrections for selected T-EAS declaration | Huawei, Hisilicon | agreed | S6-221209 | - |
| S6-221415 | Clarification on GC1 in clause 4.7 | Huawei, Hisilicon | agreed | S6-221213 | - |
| S6-221416 | Format corrections to clause 7.3.2.9 | Huawei, Hisilicon | agreed | S6-221214 | - |
| S6-221417 | Merge MBS UE session join notification to MBS listening status report | Huawei, Hisilicon | agreed | S6-221215 | - |
| S6-221418 | Update to de-announcement | Huawei, Hisilicon | agreed | S6-221216 | - |
| S6-221419 | Solution on KI#6: SEALDD server discovery and selection in EDN | Huawei, Hisilicon | revised | S6-221220 | S6-221472 |
| S6-221420 | KI on SEALDD connection establishment | Huawei, Hisilicon | approved | S6-221221 | - |
| S6-221421 | KI on SEALDD enabled Media data processing | Huawei, Hisilicon | revised | S6-221222 | S6-221473 |
| S6-221422 | Update to Solution #2 for sequence number issue | Huawei, Hisilicon | postponed | S6-221224 | - |
| S6-221423 | Update to Solution #4 for storage service query procedure | Huawei, Hisilicon | approved | S6-221225 | - |
| S6-221424 | Solution for ACR scenario selection for linkage EAS(s) | Huawei, Hisilicon | postponed | S6-221227 | - |
| S6-221425 | Solution for T-EAS discovery for linkage of AC with multiple EAS(s) | Huawei, Hisilicon | revised | S6-221228 | S6-221494 |
| S6-221426 | Solution for EAS discovery in Edge Node sharing scenario | Huawei, Hisilicon | postponed | S6-221229 | - |
| S6-221427 | Solution for T-EAS discovery in Edge services support across ECSPs | Huawei, Hisilicon | postponed | S6-221230 | - |
| S6-221428 | Enhancement to Solution on ACR scenario combination | Huawei, Hisilicon | postponed | S6-221231 | - |
| S6-221429 | Evaluation of solution #19 | Huawei, Hisilicon | approved | S6-221232 | - |
| S6-221430 | Update- Key issue #6: Edge services support across ECSPs | Huawei, Hisilicon | postponed | S6-221233 | - |
| S6-221431 | Update to solution #7 | Huawei, Hisilicon | approved | S6-221234 | - |
| S6-221432 | Resolving the ENs in Solutions 4 and 5 | Huawei, Hisilicon | approved | S6-221236 | - |
| S6-221433 | Alignment of EDGEAPP and ETSI MEC | Huawei, Hisilicon | noted | S6-221237 | - |
| S6-221434 | Revising KI#5 | Huawei, Hisilicon | approved | S6-221238 | - |
| S6-221435 | New Solution for KI#5 | Huawei, Hisilicon | approved | S6-221239 | - |
| S6-221436 | LS on Alignment of EDGEAPP and ETSI MEC | SA6 | approved | S6-221240 | - |
| S6-221437 | Resolving location of Authorization Function in CAPIF | Huawei, Hisilicon | merged | S6-221241 | S6-221363 |
| S6-221438 | Resolving EN on CAPIF-8 | Huawei, Hisilicon | revised | S6-221242 | S6-221458 |
| S6-221439 | Key Issue on usage of network analytics | Huawei, Hisilicon | approved | S6-221243 | - |
| S6-221440 | LS on N5 clarification for MBS usage | Huawei | approved | S6-221253 | - |
| S6-221441 | Solution evaluation for ad hoc group communicaton set up and release - Solution 1 | Samsung Electronics France SA | approved | S6-221089 | - |
| S6-221442 | Solution Update to Solution#23 UE identification with NAT | KPN N.V., Qualcomm | approved | S6-221193 | - |
| S6-221443 | ACR request trigger timing and prediction expiration time | KPN N.V., Ericsson | postponed | S6-221194 | - |
| S6-221444 | Pseudo-CR on Solution#24 update for CAS initiated ACR procedure | KPN N.V. | revised | S6-221246 | S6-221492 |
| S6-221445 | Pseudo-CR on Solution#25 update for CAS initiated ACR procedure | KPN N.V. | revised | S6-221247 | S6-221493 |
| S6-221446 | LS on the applicability of hold and forward function in DS-TT ports for 5G-native systems | Ericsson España S.A. | revised | S6-221031 | S6-221449 |
| S6-221447 | Presentation of TR 23700-97 v100 for information | nn | postponed | - | - |
| S6-221448 | Reply LS on handling of the termination of reporting functionality in the SS\_NetworkResourceMonitoring API | SA6 | approved | S6-221411 | - |
| S6-221449 | LS on TSN scenarios | SA6 | approved | S6-221446 | - |
| S6-221450 | Corrections to the functions of EES and EAS | Huawei, Hisilicon | agreed | S6-221413 | - |
| S6-221451 | QoS monitoring clarification | Ericsson | agreed | S6-221405 | - |
| S6-221452 | IP Assignment support by MC Gateway UE | Ericsson | agreed | S6-221105 | - |
| S6-221453 | Migration procedure during and ongoing private communication | Ericsson, Nokia, Nokia Shanghai Bell, Huawei | agreed | S6-221270 | - |
| S6-221454 | Update the KI #11 on application layer slice SLA alignment capability | HUAWEI TECHNOLOGIES Co. Ltd. | approved | S6-221286 | - |
| S6-221455 | Overall evaluation update | China Mobile (Suzhou) Software | approved | S6-221299 | - |
| S6-221456 | Conclusion | China Mobile (Suzhou) Software | approved | S6-221300 | - |
| S6-221457 | Clarification of the functional model | NTT DOCOMO, Huawei | approved | S6-221363 | - |
| S6-221458 | Resolving EN on CAPIF-8 | Huawei, Hisilicon, NTT DOCOMO | approved | S6-221438 | - |
| S6-221459 | Pseudo-CR on solution#4 update | CATT | approved | S6-221373 | - |
| S6-221460 | Pseudo-CR on update to solution#3 | Samsung | approved | S6-221389 | - |
| S6-221461 | Pseudo-CR on update KI#6 | CATT | approved | S6-221257 | - |
| S6-221462 | Evaluation on solution#12 | Samsung | approved | S6-221329 | - |
| S6-221463 | New Solution for KI#9: Dynamic EAS instantiation triggering and notification | ETRI, Uangel | approved | S6-221259 | - |
| S6-221464 | Update Solution #8 | China Mobile E-Commerce Co. | approved | S6-221378 | - |
| S6-221465 | Pseudo-CR on EDGE-5 APIs | Qualcomm | approved | S6-221380 | - |
| S6-221466 | Resolution of Editor’s Note on ACID in Solution#28 | InterDigital | approved | S6-221317 | - |
| S6-221467 | Common EAS selection solution | Ericsson | approved | S6-221403 | - |
| S6-221468 | Pseudo-CR on Solution to KI#17 | Samsung | approved | S6-221385 | - |
| S6-221469 | Pseudo-CR on ACR edge and cloud | Samsung | approved | S6-221386 | - |
| S6-221470 | Update Annex A.4- ETSI MEC and EDGEAPP system comparison | China Mobile E-Commerce Co. | approved | S6-221376 | - |
| S6-221471 | Evaluation of Key Issue #2 | InterDigital | approved | S6-221324 | - |
| S6-221472 | Solution on KI#6: SEALDD server discovery and selection in EDN | Huawei, Hisilicon | approved | S6-221419 | - |
| S6-221473 | KI on Support for data transmission quality measurement and guarantee | Huawei, Hisilicon | approved | S6-221421 | - |
| S6-221474 | Data analytics use of data collection services | Convida Wireless LLC | approved | S6-221322 | - |
| S6-221475 | Solution for in KI#1 – Insertion and remove of PIN elements in a PIN | vivo, Samsung | approved | S6-221332 | - |
| S6-221476 | Solution for in KI#1 – PIN delete | vivo, Samsung | approved | S6-221333 | - |
| S6-221477 | Solution for in KI#1 – PIN discovery | vivo | approved | S6-221334 | - |
| S6-221478 | Solution for in KI#1 – PIN Profile | vivo, Samsung | approved | S6-221335 | - |
| S6-221479 | Update for Solution 1 in KI#1 – PIN architeture update | vivo | approved | S6-221337 | - |
| S6-221480 | Update for Solution 2 in KI#1 – PIN modification | vivo | approved | S6-221338 | - |
| S6-221481 | Solution for KI#3 – Service Switch | InterDigital | approved | S6-221327 | - |
| S6-221482 | New WID on application enablement aspects for subscriber-aware northbound API access | SA6 | agreed | S6-221370 | - |
| S6-221483 | New WID on Network Slice Capability Exposure for Application Layer Enablement | SA6 | agreed | S6-221290 | - |
| S6-221484 | LS on Support for managing slice for trusted third-party owned application | SA6 | approved | S6-221397 | - |
| S6-221485 | LS on Clarification of Edge Node Sharing | Huawei | postponed | - | - |
| S6-221486 | Reply LS to the clarification of Dynamic EAS instantiation triggering | SA6 | approved | S6-221289 | - |
| S6-221487 | Pseudo-CR on solution#1 update | CATT | approved | S6-221371 | - |
| S6-221488 | Solution for KI#9 - Enhancement of dynamic EAS instantiation triggering | InterDigital, Ericsson, Samsung | approved | S6-221143 | - |
| S6-221489 | Evaluation of Solution #28 | InterDigital | approved | S6-221318 | - |
| S6-221490 | Update to solution #14 | InterDigital | approved | S6-221319 | - |
| S6-221491 | Solution for KI#19 – ACR selection and coordination | InterDigital, Ericsson, Samsung | approved | S6-221320 | - |
| S6-221492 | Pseudo-CR on Solution#24 update for CAS initiated ACR procedure | KPN N.V. | approved | S6-221444 | - |
| S6-221493 | Pseudo-CR on Solution#25 update for CAS initiated ACR procedure | KPN N.V. | approved | S6-221445 | - |
| S6-221494 | Solution for T-EAS discovery for linkage of AC with multiple EAS(s) | Huawei, Hisilicon | approved | S6-221425 | - |
| S6-221495 | UE requested VRU zones | Convida Wireless LLC | approved | S6-221313 | - |
| S6-221496 | New WID on Alignment of EDGEAPP, ETSI MEC and GSMA OP Architectures | SA6 | agreed | S6-221288 | - |

## Annex B: List of change requests

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Spec | CR | Rev | Rel | Cat | WI | Decision |
| S6-221032 | Corrections to API invoker onboarding/offboarding in TS 23.222 | ETRI, Uangel | 23.222 | 0083 | - | Rel-16 | F | eCAPIF | revised |
| S6-221263 | Corrections to API invoker onboarding/offboarding in TS 23.222 | ETRI, Uangel | 23.222 | 0083 | 1 | Rel-16 | F | eCAPIF | agreed |
| S6-221251 | Corrections to API invoker onboarding/offboarding in TS 23.222 | ETRI, Uangel | 23.222 | 0084 | - | Rel-17 | A | CAPIF | revised |
| S6-221264 | Corrections to API invoker onboarding/offboarding in TS 23.222 | ETRI, Uangel | 23.222 | 0084 | 1 | Rel-17 | A | CAPIF | agreed |
| S6-221252 | Corrections to API invoker onboarding/offboarding in TS 23.222 | ETRI, Uangel | 23.222 | 0085 | - | Rel-15 | F | CAPIF | revised |
| S6-221262 | Corrections to API invoker onboarding/offboarding in TS 23.222 | ETRI, Uangel | 23.222 | 0085 | 1 | Rel-15 | F | CAPIF | agreed |
| S6-221265 | Modification of API invoker onboarding/offboarding in TS 23.222 | ETRI, Uangel, Samsung | 23.222 | 0086 | - | Rel-18 | C | eCAPIF, TEI18 | noted |
| S6-221028 | Migration during an ongoing private communication | Nokia, Nokia Shanghai Bell, UIC | 23.280 | 0316 | 2 | Rel-18 | B | IRail | merged |
| S6-220999 | Alternative media path routing for migrated MC service users without inclusion of the primary MC system | UIC, Nokia, Nokia Shanghai Bell, Kontron Transportation France | 23.280 | 0321 | - | Rel-18 | B | IRail | revised |
| S6-221356 | Alternative media path routing for migrated MC service users without inclusion of the primary MC system | UIC, Nokia, Nokia Shanghai Bell, Kontron Transportation France | 23.280 | 0321 | 1 | Rel-18 | B | IRail | postponed |
| S6-221002 | Sharing location information across MC systems (functional model) | BDBOS, Nokia, Nokia Shanghai Bell, UIC | 23.280 | 0322 | - | Rel-18 | B | IRail | revised |
| S6-221273 | Sharing location information across MC systems (functional model) | BDBOS, Nokia, Nokia Shanghai Bell, UIC | 23.280 | 0322 | 1 | Rel-18 | B | IRail | agreed |
| S6-221003 | Sharing location information across MC systems (on-demand) | BDBOS, Nokia, Nokia Shanghai Bell, UIC | 23.280 | 0323 | - | Rel-18 | B | IRail | revised |
| S6-221274 | Sharing location information across MC systems (on-demand) | BDBOS, Nokia, Nokia Shanghai Bell, UIC | 23.280 | 0323 | 1 | Rel-18 | B | IRail | agreed |
| S6-221004 | Sharing location information across MC systems (triggered) | BDBOS, Nokia, Nokia Shanghai Bell, UIC | 23.280 | 0324 | - | Rel-18 | B | IRail | agreed |
| S6-221005 | Sharing location information across MC systems (subscription) | BDBOS, Nokia, Nokia Shanghai Bell, UIC | 23.280 | 0325 | - | Rel-18 | B | IRail | agreed |
| S6-221006 | Sharing location information across MC systems (configuration) | BDBOS, Nokia, Nokia Shanghai Bell, UIC | 23.280 | 0326 | - | Rel-18 | B | IRail | agreed |
| S6-221027 | Functional alias support for migrated users | Nokia, Nokia Shanghai Bell, Kontron Transportation France, UIC | 23.280 | 0327 | - | Rel-18 | B | IRail | revised |
| S6-221346 | Functional alias support for migrated users | Nokia, Nokia Shanghai Bell, Kontron Transportation France, UIC | 23.280 | 0327 | 1 | Rel-18 | B | IRail | agreed |
| S6-221077 | MC GW UnMapGroupToBearer request and response procedure | Samsung R&D Institute India | 23.280 | 0328 | - | Rel-18 | B | MCGWUE | agreed |
| S6-221079 | Allow the user to restrict the dissemination of the location information | Samsung R&D Institute India | 23.280 | 0329 | - | Rel-18 | B | enh4MCPTT | noted |
| S6-221103 | Migration procedure during and ongoing private communication | Ericsson | 23.280 | 0330 | - | Rel-18 | B | IRail | revised |
| S6-221270 | Migration procedure during and ongoing private communication | Ericsson, Nokia, Nokia Shanghai Bell, Huawei | 23.280 | 0330 | 1 | Rel-18 | B | IRail | revised |
| S6-221453 | Migration procedure during and ongoing private communication | Ericsson, Nokia, Nokia Shanghai Bell, Huawei | 23.280 | 0330 | 2 | Rel-18 | B | IRail | agreed |
| S6-221104 | Allow no roaming migration | Ericsson | 23.280 | 0331 | - | Rel-18 | B | IRail | revised |
| S6-221271 | Allow no roaming migration | Ericsson | 23.280 | 0331 | 1 | Rel-18 | B | IRail | agreed |
| S6-221105 | IP Assignment support by MC Gateway UE | Ericsson | 23.280 | 0332 | - | Rel-18 | B | MCGWUE | revised |
| S6-221452 | IP Assignment support by MC Gateway UE | Ericsson | 23.280 | 0332 | 1 | Rel-18 | B | MCGWUE | agreed |
| S6-221219 | Migration during an ongoing private communication | Huawei, Hisilicon | 23.280 | 0333 | - | Rel-18 | B | IRail | merged |
| S6-221081 | Allow the user to restrict the dissemination of the location information – MCPTT Configuration | Samsung R&D Institute India | 23.281 | 0162 | - | Rel-18 | B | enh4MCPTT | revised |
| S6-221344 | Allow the user to restrict the dissemination of the location information – MCPTT Configuration | Samsung R&D Institute India | 23.281 | 0162 | 1 | Rel-18 | B | enh4MCPTT | agreed |
| S6-221000 | Decoupling signalling and media for MCData service capabilities | UIC, Nokia, Nokia Shanghai Bel, Kontron Transportation France | 23.282 | 0295 | - | Rel-18 | B | IRail | revised |
| S6-221358 | Decoupling signalling and media for MCData service capabilities | UIC, Nokia, Nokia Shanghai Bel, Kontron Transportation France | 23.282 | 0295 | 1 | Rel-18 | B | IRail | agreed |
| S6-221084 | Allow the user to restrict the dissemination of the location information – MCData Configuration | Samsung R&D Institute India | 23.282 | 0296 | - | Rel-18 | B | enh4MCPTT | agreed |
| S6-221137 | Add location reference in HDmap | Ericsson | 23.286 | 0071 | - | Rel-17 | F | eV2XAPP | revised |
| S6-221398 | Add location reference in HDmap | Ericsson | 23.286 | 0071 | 1 | Rel-17 | F | eV2XAPP | agreed |
| S6-221001 | Decoupling signalling and media for MCData service capabilities | UIC, Nokia, Nokia Shanghai Bel, Kontron Transportation France | 23.289 | 0063 | - | Rel-18 | B | IRail | noted |
| S6-221022 | Architectural and functional model for 5G MBS mission critical UE | AT&T | 23.289 | 0064 | - | Rel-18 | F | MCOver5MBS | revised |
| S6-221280 | Architectural and functional model for 5G MBS mission critical UE | AT&T | 23.289 | 0064 | 1 | Rel-18 | F | MCOver5MBS | revised |
| S6-221407 | Architectural and functional model for 5G MBS mission critical UE | AT&T | 23.289 | 0064 | 2 | Rel-18 | F | MCOver5MBS | revised |
| S6-221408 | Architectural and functional model for 5G MBS mission critical UE | AT&T | 23.289 | 0064 | 3 | Rel-18 | F | MCOver5MBS | agreed |
| S6-221023 | Corrections on network slicing for MC services | Nokia, Nokia Shanghai Bell | 23.289 | 0065 | - | Rel-17 | F | MCOver5GS | merged |
| S6-221024 | Corrections on network slicing for MC services | Nokia, Nokia Shanghai Bell | 23.289 | 0066 | - | Rel-18 | A | MCOver5GS | merged |
| S6-221026 | Rename “MBS service announcement” to “MBS session announcement” for self consistency in the spec | AT&T | 23.289 | 0067 | - | Rel-18 | F | MCOver5MBS | revised |
| S6-221282 | Rename “MBS service announcement” to “MBS session announcement” for self consistency in the spec | AT&T | 23.289 | 0067 | 1 | Rel-18 | F | MCOver5MBS | agreed |
| S6-221088 | Call connect and disconnect over 5G MBS for MCData | Samsung R&D Institute India | 23.289 | 0068 | - | Rel-18 | B | MCOver5MBS | revised |
| S6-221342 | Call connect and disconnect over 5G MBS for MCData | Samsung R&D Institute India | 23.289 | 0068 | 1 | Rel-18 | B | MCOver5MBS | revised |
| S6-221384 | Call connect and disconnect over 5G MBS for MCData | Samsung R&D Institute India | 23.289 | 0068 | 2 | Rel-18 | B | MCOver5MBS | agreed |
| S6-221096 | Updating network slicing requirements for MC services (Rel-18) | Ericsson | 23.289 | 0069 | - | Rel-18 | A | MCOver5GS | revised |
| S6-221266 | Updating network slicing requirements for MC services (Rel-18) | Ericsson | 23.289 | 0069 | 1 | Rel-18 | A | MCOver5GS | agreed |
| S6-221097 | Updating network slicing requirements for MC services (Rel-17) | Ericsson | 23.289 | 0070 | - | Rel-17 | F | MCOver5GS | revised |
| S6-221267 | Updating network slicing requirements for MC services (Rel-17) | Ericsson | 23.289 | 0070 | 1 | Rel-17 | F | MCOver5GS | agreed |
| S6-221099 | Including MBS FSA ID into the location information report | Ericsson | 23.289 | 0071 | - | Rel-18 | C | MCOver5MBS | revised |
| S6-221268 | Including MBS FSA ID into the location information report | Ericsson | 23.289 | 0071 | 1 | Rel-18 | C | MCOver5MBS | agreed |
| S6-221100 | Removing 5QI information element from the discover MBS session response | Ericsson | 23.289 | 0072 | - | Rel-18 | C | MCOver5MBS | revised |
| S6-221269 | Removing 5QI information element from the discover MBS session response | Ericsson | 23.289 | 0072 | 1 | Rel-18 | C | MCOver5MBS | agreed |
| S6-221101 | Removing unicast bearer status from eMBMS bearer information | Ericsson | 23.289 | 0073 | - | Rel-18 | C | MCOver5MBS | agreed |
| S6-221212 | Add MBS service announcement acknowledge | Huawei, Hisilicon | 23.289 | 0074 | - | Rel-18 | F | MCOver5MBS | agreed |
| S6-221213 | Clarification on GC1 in clause 4.7 | Huawei, Hisilicon | 23.289 | 0075 | - | Rel-18 | F | MCOver5MBS | revised |
| S6-221415 | Clarification on GC1 in clause 4.7 | Huawei, Hisilicon | 23.289 | 0075 | 1 | Rel-18 | F | MCOver5MBS | agreed |
| S6-221214 | Format corrections to clause 7.3.2.9 | Huawei, Hisilicon | 23.289 | 0076 | - | Rel-18 | F | MCOver5MBS | revised |
| S6-221416 | Format corrections to clause 7.3.2.9 | Huawei, Hisilicon | 23.289 | 0076 | 1 | Rel-18 | F | MCOver5MBS | agreed |
| S6-221215 | Merge MBS UE session join notification to MBS listening status report | Huawei, Hisilicon | 23.289 | 0077 | - | Rel-18 | F | MCOver5MBS | revised |
| S6-221417 | Merge MBS UE session join notification to MBS listening status report | Huawei, Hisilicon | 23.289 | 0077 | 1 | Rel-18 | F | MCOver5MBS | agreed |
| S6-221216 | Update to de-announcement | Huawei, Hisilicon | 23.289 | 0078 | - | Rel-18 | F | MCOver5MBS | revised |
| S6-221418 | Update to de-announcement | Huawei, Hisilicon | 23.289 | 0078 | 1 | Rel-18 | F | MCOver5MBS | agreed |
| S6-221085 | Allow the user to restrict the dissemination of the location information – MCPTT Configuration | Samsung R&D Institute India | 23.379 | 0308 | - | Rel-18 | B | enh4MCPTT | agreed |
| S6-221086 | Auto affiliate to MCPTT group for remotely initiated MCPTT call request procedure | Samsung R&D Institute India | 23.379 | 0309 | - | Rel-18 | B | enh4MCPTT | revised |
| S6-221343 | Auto affiliate to MCPTT group for remotely initiated MCPTT call request procedure | Samsung R&D Institute India | 23.379 | 0309 | 1 | Rel-18 | B | enh4MCPTT | agreed |
| S6-221210 | Sharing location information across VAL servers | Huawei, Hisilicon, Kyonggi University | 23.434 | 0098 | 2 | Rel-18 | B | eSEAL2 | postponed |
| S6-220986 | QoS monitoring clarification | Ericsson | 23.434 | 0102 | - | Rel-17 | F | eSEAL | revised |
| S6-221404 | QoS monitoring clarification | Ericsson | 23.434 | 0102 | 1 | Rel-17 | F | eSEAL | agreed |
| S6-220996 | QoS monitoring clarification | Ericsson | 23.434 | 0103 | - | Rel-18 | A | eSEAL | revised |
| S6-221405 | QoS monitoring clarification | Ericsson | 23.434 | 0103 | 1 | Rel-18 | A | eSEAL | revised |
| S6-221451 | QoS monitoring clarification | Ericsson | 23.434 | 0103 | 2 | Rel-18 | A | eSEAL | agreed |
| S6-221102 | SEAL Notification Management service – Functional Model | Samsung Electronics France SA,, AT&T | 23.434 | 0104 | - | Rel-18 | B | eSEAL2 | postponed |
| S6-221160 | SEAL Notification Management Service - Information Flows and Procedures | Samsung Electronics France SA,, AT&T | 23.434 | 0105 | - | Rel-18 | B | eSEAL2 | postponed |
| S6-221169 | SEAL Registrar service | Samsung | 23.434 | 0106 | - | Rel-18 | B | eSEAL2 | revised |
| S6-221392 | SEAL Registrar service | Samsung | 23.434 | 0106 | 1 | Rel-18 | B | eSEAL2 | postponed |
| S6-221067 | Clarify relationship between store forward and device triggering | Huawei, Hisilicon | 23.554 | 0040 | - | Rel-18 | F | 5GMARCH\_Ph2 | revised |
| S6-221304 | Clarify relationship between store forward and device triggering | Huawei, Hisilicon | 23.554 | 0040 | 1 | Rel-18 | F | 5GMARCH\_Ph2 | agreed |
| S6-221069 | Remove the EN of broadcast in clause 10.4 | Huawei, Hisilicon | 23.554 | 0041 | - | Rel-18 | F | 5GMARCH\_Ph2 | revised |
| S6-221305 | Remove the EN of broadcast in clause 10.4 | Huawei, Hisilicon | 23.554 | 0041 | 1 | Rel-18 | F | 5GMARCH\_Ph2 | agreed |
| S6-221118 | Removal of ENs with no action | China Mobile Com. Corporation | 23.554 | 0042 | - | Rel-18 | D | 5GMARCH\_Ph2 | agreed |
| S6-221120 | Messaging Topic handling between different MSGin5G Servers | China Mobile Com. Corporation | 23.554 | 0043 | - | Rel-18 | B | 5GMARCH\_Ph2 | revised |
| S6-221276 | Messaging Topic handling between different MSGin5G Servers | China Mobile Com. Corporation | 23.554 | 0043 | 1 | Rel-18 | B | 5GMARCH\_Ph2 | agreed |
| S6-221124 | Message delivery based on Messaging Topic for different PLMNs | China Mobile Com. Corporation | 23.554 | 0044 | - | Rel-18 | B | 5GMARCH\_Ph2 | revised |
| S6-221277 | Message delivery based on Messaging Topic for different PLMNs | China Mobile Com. Corporation | 23.554 | 0044 | 1 | Rel-18 | B | 5GMARCH\_Ph2 | agreed |
| S6-221129 | Update of MSGin5G UE registration | China Mobile Com. Corporation | 23.554 | 0045 | - | Rel-18 | C | 5GMARCH\_Ph2 | revised |
| S6-221278 | Update of MSGin5G UE registration | China Mobile Com. Corporation | 23.554 | 0045 | 1 | Rel-18 | C | 5GMARCH\_Ph2 | agreed |
| S6-221133 | Update of Non-MSGin5G UE registration | China Mobile Com. Corporation | 23.554 | 0046 | - | Rel-18 | C | 5GMARCH\_Ph2 | revised |
| S6-221279 | Update of Non-MSGin5G UE registration | China Mobile Com. Corporation | 23.554 | 0046 | 1 | Rel-18 | C | 5GMARCH\_Ph2 | postponed |
| S6-221209 | Corrections for selected T-EAS declaration | Huawei, Hisilicon | 23.558 | 0095 | 2 | Rel-17 | F | EDGEAPP | revised |
| S6-221414 | Corrections for selected T-EAS declaration | Huawei, Hisilicon | 23.558 | 0095 | 3 | Rel-17 | F | EDGEAPP | agreed |
| S6-221136 | Solve EN in ACR | Ericsson | 23.558 | 0103 | - | Rel-17 | F | EDGEAPP | revised |
| S6-221402 | Solve EN in ACR | Ericsson | 23.558 | 0103 | 1 | Rel-17 | F | EDGEAPP | agreed |
| S6-221205 | Correction to the supported functions of EDGE-9 | Huawei, Hisilicon | 23.558 | 0104 | - | Rel-17 | F | EDGEAPP | revised |
| S6-221412 | Correction to the supported functions of EDGE-9 | Huawei, Hisilicon | 23.558 | 0104 | 1 | Rel-17 | F | EDGEAPP | agreed |
| S6-221206 | Corrections to the requirements for subscription service | Huawei, Hisilicon | 23.558 | 0105 | - | Rel-17 | F | EDGEAPP | merged |
| S6-221207 | Corrections to the functions of EES and EAS | Huawei, Hisilicon | 23.558 | 0106 | - | Rel-17 | F | EDGEAPP | revised |
| S6-221413 | Corrections to the functions of EES and EAS | Huawei, Hisilicon | 23.558 | 0106 | 1 | Rel-17 | F | EDGEAPP | revised |
| S6-221450 | Corrections to the functions of EES and EAS | Huawei, Hisilicon | 23.558 | 0106 | 2 | Rel-17 | F | EDGEAPP | agreed |
| S6-221208 | Editorial correction of the reference number format | Huawei, Hisilicon | 23.558 | 0107 | - | Rel-17 | F | EDGEAPP | merged |

## Annex C: Lists of liaisons

### C1: Incoming liaison statements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Original | Title | From | Decision | Reply TDoc |
| S6-220988 | C1-223006 | LS on slicing aspects of MC services | CT1 | replied to | S6-221345 |
| S6-220989 | C3-222451 | LS on the handling of the termination of reporting functionality in the SS\_NetworkResourceMonitoring API | CT3 | replied to | S6-221448 |
| S6-220990 | C3-222478 | Reply LS on 5MBS User Services | CT3 | noted | (none) |
| S6-220991 | S2-2203051 | Reply LS on 5MBS User Services | SA2 | replied to | S6-221248 |
| S6-220992 | S2-2203426 | Reply LS on AF specific UE ID retrieval | SA2 | noted | (none) |
| S6-220993 | S2-2203479 | Reply LS on FS\_eEDGEAPP Solution for Support of Roaming UEs | SA2 | noted | (none) |
| S6-220994 | S4-220567 | Response LS on maximum number of MBS sessions that can be associated to a PDU session | SA4 | noted | (none) |
| S6-220995 | S5-222568 | LS on the clarification of Dynamic EAS instantiation triggering | SA5 | replied to | S6-221486 |
| S6-221250 |  | Reply LS on PIN Application Server Discovery | SA1 | noted | (none) |

### C2: Outgoing liaison statements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Document | Title | To | Cc | reply to i/c LS |
| S6-221345 | Reply LS on slicing aspects of MC services | CT1 | - | S6-220988/C1-223006 |
| S6-221347 | LS on DN energy efficiency data analytics | SA5, SA1 | - | - |
| S6-221436 | LS on Alignment of EDGEAPP and ETSI MEC | ETSI MEC | SA | - |
| S6-221440 | LS on N5 clarification for MBS usage | SA2 | - | - |
| S6-221448 | Reply LS on handling of the termination of reporting functionality in the SS\_NetworkResourceMonitoring API | CT3 | - | - |
| S6-221449 | LS on TSN scenarios | SA2 | - | - |
| S6-221484 | LS on Support for managing slice for trusted third-party owned application | SA2, SA1 | - | - |
| S6-221486 | Reply LS to the clarification of Dynamic EAS instantiation triggering | SA5 | - | S6-220995/S5-222568 |

## Annex D: List of agreed/approved new and revised Work Items

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Title | Source | new/revised |
| S6-221482 | New WID on application enablement aspects for subscriber-aware northbound API access | SA6 | WID new |
| S6-221483 | New WID on Network Slice Capability Exposure for Application Layer Enablement | SA6 | WID new |
| S6-221496 | New WID on Alignment of EDGEAPP, ETSI MEC and GSMA OP Architectures | SA6 | WID 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) |
| ACHTER, Johannes | T-Mobile Polska S.A. | 3GPPMEMBER (ETSI) |
| AGHILI, Behrouz | Apple Portugal | 3GPPMEMBER (ETSI) |
| AHMAD, Saad | InterDigital, Europe, Ltd. | 3GPPMEMBER (ETSI) |
| AHN, Byung Jun | ETRI | 3GPPMEMBER (TTA) |
| ÅKESSON, Joakim | Oy LM Ericsson AB | 3GPPMEMBER (ETSI) |
| ALEKSIEV, Vasil | Deutsche Telekom AG | 3GPPMEMBER (ETSI) |
| ALHALASEH, Rana | Ericsson Japan K.K. | 3GPPMEMBER (ARIB) |
| AMOGH, Niranth | Huawei Telecommunication India | 3GPPMEMBER (TSDSI) |
| AMURU, Saidhiraj | Indian Institute of Tech (H) | 3GPPMEMBER (TSDSI) |
| ARAVINDAKSHAN, Jishnu | Tejas Networks Ltd. | 3GPPMEMBER (TSDSI) |
| ASKERUP, Anders | Hewlett-Packard Enterprise | 3GPPMEMBER (ETSI) |
| AXELL, Jörgen | Ericsson Limited | 3GPPMEMBER (ETSI) |
| AZEM, Dania | BDBOS | 3GPPMEMBER (ETSI) |
| BAI, kunai | TD Tech Ltd | 3GPPMEMBER (CCSA) |
| BEICHT, Peter | Kontron Transportation France | 3GPPMEMBER (ETSI) |
| BERISOT, Thierry | NOVAMINT | 3GPPMEMBER (ETSI) |
| BHARDWAJ, Madhur | Bharti Airtel Limited | 3GPPMEMBER (TSDSI) |
| BOUAZIZI, Imed | Qualcomm Tech. Netherlands B.V | 3GPPMEMBER (ETSI) |
| BROSZEIT, Marco | Vodafone Romania S.A. | 3GPPMEMBER (ETSI) |
| CAMACHO, Cristina | Vodafone Telekomünikasyon A.S. | 3GPPMEMBER (ETSI) |
| CETINKAYA, Egemen | Verizon Denmark | 3GPPMEMBER (ETSI) |
| CHEN, Jingran | Chongqing Angying | 3GPPMEMBER (CCSA) |
| CHEN, Xiao | ZTE Wistron Telecom AB | 3GPPMEMBER (ETSI) |
| CHEN, Ying | TD Tech Ltd | 3GPPMEMBER (CCSA) |
| CHENG, Hong | Qualcomm Technologies Int | 3GPPMEMBER (ETSI) |
| CHIBA, Tsunehiko | VIAVI Solutions | 3GPPMEMBER (ETSI) |
| CHITTURI, Suresh | Samsung Electronics Co., Ltd | 3GPPMEMBER (TTA) |
| CHOI, Sang Won | Kyonggi University | 3GPPMEMBER (TTA) |
| CHONG, vivian | VIVO TECH GmbH | 3GPPMEMBER (ETSI) |
| CHOU, Joey | Intel Korea, Ltd. | 3GPPMEMBER (TTA) |
| CONG, Shi | Dongguan OPPO Precision Elec. | 3GPPMEMBER (CCSA) |
| COVELL, Betsy | Nokia | 3GPPMEMBER (ATIS) |
| DAI, Mingzeng | Lenovo Mobile Com. Technology | 3GPPMEMBER (CCSA) |
| DAWES, Peter | Vodafone Italia SpA | 3GPPMEMBER (ETSI) |
| DEWAELE, Jo | A.S.T.R.I.D. SA/NV | 3GPPMEMBER (ETSI) |
| DOLAN, Michael | FirstNet | 3GPPMEMBER (ATIS) |
| DONG, Weiye | China Mobile M2M Company Ltd. | 3GPPMEMBER (CCSA) |
| DONOVAN, Steve | Oracle Corporation | 3GPPMEMBER (ETSI) |
| DOU, Fenghui | Huawei Device Co., Ltd | 3GPPMEMBER (CCSA) |
| EITOKU, Haruka | NTT corporation | 3GPPMEMBER (ETSI) |
| ELAMANOV, Sherzod | SyncTechno, Inc. | 3GPPMEMBER (TTA) |
| EVANS, Tim P. | Vodafone España SA | 3GPPMEMBER (ETSI) |
| FACCIN, Stefano | Qualcomm Finland RFFE Oy | 3GPPMEMBER (ETSI) |
| FEATHERSTONE, Walter | Apple Portugal | 3GPPMEMBER (ETSI) |
| FERDI, Samir | InterDigital, Europe, Ltd. | 3GPPMEMBER (ETSI) |
| FERNANDEZ, Susana | Ericsson Telecomunicazioni SpA | 3GPPMEMBER (ETSI) |
| FLANDER, Andreas | BDBOS | 3GPPMEMBER (ETSI) |
| FU, Jiadi | China Mobile (Hangzhou) Inf. | 3GPPMEMBER (CCSA) |
| GANTI, Radha Krishna | Indian Institute of Tech (M) | 3GPPMEMBER (TSDSI) |
| GAO, Feng | ZTE Corporation | 3GPPMEMBER (ETSI) |
| GARCIA AZORERO, Fuencisla | Ericsson LM | 3GPPMEMBER (ETSI) |
| GARCIA, Jorge | HISPASAT SA | 3GPPMEMBER (ETSI) |
| GAUTAM, Deepanshu | Samsung R&D Institute UK | 3GPPMEMBER (ETSI) |
| GE, Cuili | Huawei Technologies Japan K.K. | 3GPPMEMBER (TTC) |
| GKATZIKIS, Lazaros | Nokia Japan | 3GPPMEMBER (ARIB) |
| GUO, Boren | Hangzhou Mengyuxiang | 3GPPMEMBER (CCSA) |
| GUO, Jianchao | AsiaInfo | 3GPPMEMBER (CCSA) |
| GUO, Yi | Intel Belgium SA/NV | 3GPPMEMBER (ETSI) |
| GUPTA, Nishant | Qualcomm India Pvt Ltd | 3GPPMEMBER (TSDSI) |
| GUPTA, Vivek | Apple Gesellschaft m.b.H. | 3GPPMEMBER (ETSI) |
| HAIYAN, luo | Lenovo (Beijing) Ltd | 3GPPMEMBER (CCSA) |
| HAN, Andrew Min-gyu | Hansung University | 3GPPMEMBER (TTA) |
| HOLMSTRÖM, Tomas | Ericsson Inc. | 3GPPMEMBER (ATIS) |
| HONG, Sungpyo | KT Corp. | 3GPPMEMBER (TTA) |
| HU, Yajie | Huawei Technologies France | 3GPPMEMBER (ETSI) |
| HU, Yue | China Mobile International Ltd | 3GPPMEMBER (CCSA) |
| HUO, Weijing | China Mobile Group Device Co. | 3GPPMEMBER (CCSA) |
| INOUE, Yoshihiro | NTT Advanced Technology Corpor | 3GPPMEMBER (TTC) |
| ISHIKAWA, Hiroshi | NTT DOCOMO INC. | 3GPPMEMBER (ARIB) |
| JHA, Pranav | IIT Bombay | 3GPPMEMBER (TSDSI) |
| JIA, Xiaoqian | HUAWEI TECHNOLOGIES Co. Ltd. | 3GPPMEMBER (ETSI) |
| JIAN, Zhang | Huawei Technologies R&D UK | 3GPPMEMBER (ETSI) |
| JIAO, Jerry | CALTTA | 3GPPMEMBER (CCSA) |
| KAPALE, Kiran | Samsung R&D Institute India | 3GPPMEMBER (TSDSI) |
| KARAMPATSIS, Dimitrios | Motorola Mobility UK Ltd. | 3GPPMEMBER (ETSI) |
| KEDALAGUDDE, Meghashree D | Intel Corporation SAS | 3GPPMEMBER (ETSI) |
| KILGOUR, Kit | Hytera Communications Corp. | 3GPPMEMBER (CCSA) |
| KIM, Hyesung | Samsung Electronics Czech | 3GPPMEMBER (ETSI) |
| KIM, Hyunsook | LG Electronics Inc. | 3GPPMEMBER (TTA) |
| KIM, Jaewoo | LG Electronics France | 3GPPMEMBER (ETSI) |
| KIM, Laeyoung | LG Electronics UK | 3GPPMEMBER (ETSI) |
| KIM, Seokjung | LG Electronics Polska | 3GPPMEMBER (ETSI) |
| KIM, Sunghoon | Qualcomm Korea | 3GPPMEMBER (TTA) |
| KIM, Sunhee | LG Electronics Deutschland | 3GPPMEMBER (ETSI) |
| KIM, Wonjung | LG Uplus | 3GPPMEMBER (TTA) |
| KITO, Takatsugu | KDDI Corporation | 3GPPMEMBER (TTC) |
| KUMAR, Lalith | Samsung Guangzhou Mobile R&D | 3GPPMEMBER (CCSA) |
| KUNZ, Andreas | Motorola Mobility España SA | 3GPPMEMBER (ETSI) |
| LAIR, Yannick | Nokia Corporation | 3GPPMEMBER (ETSI) |
| LAZARA, Dominic | Motorola Solutions Poland | 3GPPMEMBER (ETSI) |
| LEE, Cheolung | Samsung Electronics Benelux BV | 3GPPMEMBER (ETSI) |
| LEE, DongJin | SK Telecom | 3GPPMEMBER (TTA) |
| LEE, Seung-Ik | ETRI | 3GPPMEMBER (TTA) |
| LEVINE, Anatoli | Softil Ltd | 3GPPMEMBER (ETSI) |
| LI, Meng | HUAWEI TECH. GmbH | 3GPPMEMBER (ETSI) |
| LI, YiMeng | CMDI | 3GPPMEMBER (CCSA) |
| LIANG, Haoran | Xiaomi Communications | 3GPPMEMBER (CCSA) |
| LIAO, Ellen C. | Google Inc. | 3GPPMEMBER (ATIS) |
| LIBUNAO, Gerardo | Verizon UK Ltd | 3GPPMEMBER (ETSI) |
| LIU, Andy(Di) | Hytera Communications Corp. | 3GPPMEMBER (CCSA) |
| LIU, Hongjun | Nubia Technology Co.,Ltd | 3GPPMEMBER (CCSA) |
| LIU, Jianning(Carry) | Beijing Xiaomi Software Tech | 3GPPMEMBER (CCSA) |
| LIU, Yue | China Mobile Com. Corporation | 3GPPMEMBER (CCSA) |
| LIU, Yuze | ShenZhen Zhongxing Shitong | 3GPPMEMBER (CCSA) |
| LU, Yang | Vodafone Ireland Plc | 3GPPMEMBER (ETSI) |
| LUETZENKIRCHEN, Thomas | Intel Deutschland GmbH | 3GPPMEMBER (ETSI) |
| LYU, Huazhang | vivo Mobile Communication (H) | 3GPPMEMBER (CCSA) |
| M VAMANAN, Sudeep | Apple Hungary Kft. | 3GPPMEMBER (ETSI) |
| MA, Limeng | AsiaInfo Technologies Inc | 3GPPMEMBER (ETSI) |
| MA, Wei | Sanechips | 3GPPMEMBER (CCSA) |
| MADDEN, Helen | Verizon Spain | 3GPPMEMBER (ETSI) |
| MARIOTTE, Hubert | Orange | 3GPPMEMBER (ETSI) |
| MARTINEZ TARRADELL, Marta | Intel Corporation Italia SpA | 3GPPMEMBER (ETSI) |
| MATTSSON, Bernt | ETSI | 3GPPORG\_REP (ETSI) |
| MELLIES, Renaud | MINISTERE DE L'INTERIEUR | 3GPPMEMBER (ETSI) |
| MILLER, James | InterDigital, Inc. | 3GPPMEMBER (ETSI) |
| MINOKUCHI, Atsushi | DOCOMO Beijing Labs | 3GPPMEMBER (CCSA) |
| MLADIN, Catalina | Convida Wireless | 3GPPMEMBER (ETSI) |
| MOHAJERI, Shahram | AT&T GNS Belgium SPRL | 3GPPMEMBER (ETSI) |
| MONNES, Peter | Peraton Labs | 3GPPMEMBER (ATIS) |
| MONRAD, Atle | InterDigital Communications | 3GPPMEMBER (ATIS) |
| MURHAMMER, Leopold | T-Mobile Austria GmbH | 3GPPMEMBER (ETSI) |
| MUSTAPHA, Mona | Apple France | 3GPPMEMBER (ETSI) |
| MYSORE ANNAIAH, Mahesh Nayaka | Reliance Jio | 3GPPMEMBER (TSDSI) |
| NAKANO, Yusuke | KDDI Corporation | 3GPPMEMBER (ARIB) |
| NATARAJAN, Rajesh Babu | Nokia Denmark | 3GPPMEMBER (ETSI) |
| NAYAK, Ashok Kumar | Harman GmbH | 3GPPMEMBER (ETSI) |
| NEGALAGULI, Harish | Motorola Solutions UK Ltd. | 3GPPMEMBER (ETSI) |
| NEIRA, Elena | MITRE Corporation | 3GPPMEMBER (ETSI) |
| NORTON, Mark | U.S. Department of Defense | 3GPPMEMBER (ATIS) |
| OETTL, Martin | Nokia Germany | 3GPPMEMBER (ETSI) |
| OLSSON, Magnus | Ericsson Hungary Ltd | 3GPPMEMBER (ETSI) |
| OPRESCU, Val | AT&T | 3GPPMEMBER (ATIS) |
| PADEBETTU, Venkatesh | Juniper Networks | 3GPPMEMBER (ATIS) |
| PALAT, Sudeep | Intel Corporation (UK) Ltd | 3GPPMEMBER (ETSI) |
| PANCORBO MARCOS, Maria Belen | Ericsson-LG Co., LTD | 3GPPMEMBER (TTA) |
| PANG, Bo | China Unicom | 3GPPMEMBER (CCSA) |
| PARAMBATH SASI, NIvedya | SAMSUNG R&D INSTITUTE JAPAN | 3GPPMEMBER (ARIB) |
| PARK, Sungjin | Samsung Electronics Polska | 3GPPMEMBER (ETSI) |
| PASTUSHOK, Igor | Ericsson GmbH, Eurolab | 3GPPMEMBER (ETSI) |
| PATEL, Ashish Singh | IIT Delhi | 3GPPMEMBER (TSDSI) |
| PATEROMICHELAKIS, Emmanouil | Lenovo Future Communications | 3GPPMEMBER (CCSA) |
| PATTAN, Basavaraj (Basu) | Samsung Electronics GmbH | 3GPPMEMBER (ETSI) |
| PEINADO, German | Nokia UK | 3GPPMEMBER (ETSI) |
| PESONEN, Tero | Erillisverkot | 3GPPMEMBER (ETSI) |
| PLATZER, Andreas | BDBOS | 3GPPMEMBER (ETSI) |
| POZO, Sergio | VODAFONE Group Plc | 3GPPMEMBER (ETSI) |
| PURKAYASTHA, Debashish | InterDigital, Inc. | 3GPPMEMBER (ETSI) |
| PURUSHOTHAMAN, LEKHA | CEWiT | 3GPPMEMBER (TSDSI) |
| QU, Zhicheng | ZONSON | 3GPPMEMBER (CCSA) |
| QUERIO, Roberto | TELECOM ITALIA S.p.A. | 3GPPMEMBER (ETSI) |
| RAJADURAI, Rajavelsamy | Samsung Electronics Romania | 3GPPMEMBER (ETSI) |
| RAJENDRAN, Rohini | Samsung Research America | 3GPPMEMBER (ATIS) |
| RAMAMOORTHY, Arunprasath | Samsung Electronics France SA | 3GPPMEMBER (ETSI) |
| RAMANAN, Sivasubramaniam | HOME OFFICE | 3GPPMEMBER (ETSI) |
| RAMASETTY, Prakash | C-DOT | 3GPPMEMBER (TSDSI) |
| RAMAZANIREND, Elmira | Vodafone Telekomünikasyon A.S. | 3GPPMEMBER (ETSI) |
| RAVINDRAN, Parthasarathi | Nokia Belgium | 3GPPMEMBER (ETSI) |
| RAYNE, Mark | Sepura Ltd | 3GPPMEMBER (ETSI) |
| RÉTHY, György | Ericsson India Private Limited | 3GPPMEMBER (TSDSI) |
| REZAGAH, Roya | Huawei Technologies Sweden AB | 3GPPMEMBER (ETSI) |
| ROSSBACH, Ralf | Apple Europe Limited | 3GPPMEMBER (ETSI) |
| RURAINSKY, Juergen | BDBOS | 3GPPMEMBER (ETSI) |
| RYU, Jinsook | Dish Network | 3GPPMEMBER (ATIS) |
| S, Vijay | BEIJING SAMSUNG TELECOM R&D | 3GPPMEMBER (CCSA) |
| SABATER, Susana | Vodafone GmbH | 3GPPMEMBER (ETSI) |
| SAHA, Anindya | Saankhya Labs | 3GPPMEMBER (TSDSI) |
| SALKINTZIS, Apostolis | Motorola Mobility France S.A.S | 3GPPMEMBER (ETSI) |
| SÄLLBERG, Krister | L.M. Ericsson Limited | 3GPPMEMBER (ETSI) |
| SANDERS, Peter | one2many B.V. | 3GPPMEMBER (ETSI) |
| SAVAGLIO, Frank | Telstra Corporation Limited | 3GPPMEMBER (ETSI) |
| SEDLACEK, Ivo | Nanjing Ericsson Panda Com Ltd | 3GPPMEMBER (CCSA) |
| SHAH, Sapan | Samsung Electronics Nordic AB | 3GPPMEMBER (ETSI) |
| SHAILENDRA, Samar | Intel Technology India Pvt Ltd | 3GPPMEMBER (TSDSI) |
| SHAN, Changhong | Intel China Ltd. | 3GPPMEMBER (CCSA) |
| SHAO, Weixiang | ZTE Corporation | 3GPPMEMBER (CCSA) |
| SHEN, Yang | Beijing Xiaomi Mobile Software | 3GPPMEMBER (CCSA) |
| SHI, Xiaohui | China Mobile E-Commerce Co. | 3GPPMEMBER (CCSA) |
| SHIFERAW, Yonatan | KPN N.V. | 3GPPMEMBER (ETSI) |
| SHIH, Jerry | AT&T GNS Belgium SPRL | 3GPPMEMBER (ETSI) |
| SOLANO, Camilo | Ericsson France S.A.S | 3GPPMEMBER (ETSI) |
| SOLOWAY, Alan | Qualcomm Incorporated | 3GPPMEMBER (ATIS) |
| SPEICHER, Sebastian | Qualcomm Israel Ltd. | 3GPPMEMBER (ETSI) |
| STARSINIC, Michael | InterDigital France R&D, SAS | 3GPPMEMBER (ETSI) |
| STOJANOVSKI, Saso | Intel Finland Oy | 3GPPMEMBER (ETSI) |
| SU, Zijian | Huawei Tech.(UK) Co.. Ltd | 3GPPMEMBER (ETSI) |
| SUZUKI, Yuji | NTT DOCOMO INC. | 3GPPMEMBER (TTC) |
| SZABO, Aron | Ericsson España S.A. | 3GPPMEMBER (ETSI) |
| TANG, Tingfang | Beijing Lenovo Software Ltd. | 3GPPMEMBER (CCSA) |
| TANGUDU, Narendranath Durga | Samsung Electronics Iberia SA | 3GPPMEMBER (ETSI) |
| TENNETI, Sreedhar | Bharat Electronics Limited | 3GPPMEMBER (TSDSI) |
| THIEBAUT, Laurent | Nokia France | 3GPPMEMBER (ETSI) |
| TIWARI, Kundan | NEC Corporation | 3GPPMEMBER (ARIB) |
| TONESI, Dario Serafino | QUALCOMM Europe Inc. - Italy | 3GPPMEMBER (ETSI) |
| TRAKINAT, Jean | T-Mobile USA Inc. | 3GPPMEMBER (ATIS) |
| TSUJIKAWA, Toru | NTT | 3GPPMEMBER (TTC) |
| VELEV, Genadi | Motorola Mobility Germany GmbH | 3GPPMEMBER (ETSI) |
| VERWEIJ, Kees | Netherlands Police | 3GPPMEMBER (ETSI) |
| VIALEN, Jukka | Airbus | 3GPPMEMBER (ETSI) |
| WANG, Han | HuaWei Technologies Co., Ltd | 3GPPMEMBER (CCSA) |
| WANG, Wen | vivo Mobile Com. (Chongqing) | 3GPPMEMBER (CCSA) |
| WANG, Yaxin | Huawei Technologies (Korea) | 3GPPMEMBER (TTA) |
| WANG, Zhaoning | CUG | 3GPPMEMBER (CCSA) |
| WELLS, Derek | L3Harris Technologies | 3GPPMEMBER (ATIS) |
| WEN, Wu | CALTTA | 3GPPMEMBER (CCSA) |
| WENDLER, Ingo | Union Inter. Chemins de Fer | 3GPPMEMBER (ETSI) |
| WIEHE, Ulrich | Nokia Solutions & Networks (I) | 3GPPMEMBER (TSDSI) |
| WON, Sung Hwan | Nokia Korea | 3GPPMEMBER (TTA) |
| WOODWARD, Tim | Motorola Solutions Danmark A/S | 3GPPMEMBER (ETSI) |
| WU, Jinhua | Beijing Xiaomi Mobile Software | 3GPPMEMBER (ETSI) |
| XIE, Shaowei | ZXNE | 3GPPMEMBER (CCSA) |
| XING, Zhen | ZTE Photonics | 3GPPMEMBER (CCSA) |
| XIONG, Chunshan | CICT | 3GPPMEMBER (CCSA) |
| XU, Wenliang | Ericsson France S.A.S | 3GPPMEMBER (ETSI) |
| XU, Yang | OPPO Beijing | 3GPPMEMBER (CCSA) |
| XUE, Kaixin | CBN | 3GPPMEMBER (CCSA) |
| YANG, Anqi | CBN | 3GPPMEMBER (CCSA) |
| YANG, Yanmei | HiSilicon Technologies Co. Ltd | 3GPPMEMBER (CCSA) |
| YAO, Qi | HUAWEI Technologies Japan K.K. | 3GPPMEMBER (ARIB) |
| YAO, Yizhi | Intel Technology Poland SP Zoo | 3GPPMEMBER (ETSI) |
| YOUN, Myungjune | LG Electronics Finland | 3GPPMEMBER (ETSI) |
| YU, Hang | vivo Communication Technology | 3GPPMEMBER (CCSA) |
| YUAN, Liya | Jetflow | 3GPPMEMBER (CCSA) |
| ZAUS, Robert | Apple GmbH | 3GPPMEMBER (ETSI) |
| ZHANG, Amy | vivo Japan KK | 3GPPMEMBER (ARIB) |
| ZHANG, Congchi | Lenovo Information Technology | 3GPPMEMBER (CCSA) |
| ZHANG, Pengfei | vivo Mobile Communication (S) | 3GPPMEMBER (CCSA) |
| ZHANG, Yizhong | vivo Mobile Communication Co., | 3GPPMEMBER (CCSA) |
| ZHAO, Shuai | Intel Sweden AB | 3GPPMEMBER (ETSI) |
| ZHENG, Shaowen | China Mobile (Suzhou) Software | 3GPPMEMBER (CCSA) |
| ZHU, Chunhui | Beijing Xiaomi Electronics | 3GPPMEMBER (CCSA) |
| ZISIMOPOULOS, Haris | Qualcomm CDMA Technologies | 3GPPMEMBER (ETSI) |

## Annex I: List of future meetings

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Title** | **Start date** | **End date (OP)** | **Town** | **Country** | **Reference** |
| 3GPPSA6#49-bis-e | 22/06/2022 | 01/07/2022 | Online | na | S6-49-bis |
| 3GPPSA6#50-e | 22/08/2022 | 31/08/2022 | Online | na | S6-50 |
| 3GPPSA6#51-e | 10/10/2022 | 19/10/2022 | Online | na | S6-51 |
| 3GPPSA6#52  or  3GPPSA6#52-e | 14/11/2022  14/11/2022 | 18/11/2022  23/11/2022 | TBC | North  America  TBC | S6-52 |
| 3GPPSA6#52-bis | 16/01/2023 | 20/01/2023 | TBC |  | S6-52-bis |
| 3GPPSA6#53 | 27/02/2023 | 03/03/2023 | TBC | Europe | S6-53 |
| 3GPPSA6#54 | 17/04/2023 | 21/04/2023 | TBC | North  America | S6-54 |
| 3GPPSA6#55 | 22/05/2023 | 26/05/2023 | TBC | Asia | S6-55 |
| 3GPPSA6#56 | 21/08/2023 | 25/08/2023 | TBC | Europe | S6-56 |
| 3GPPSA6#57 | 09/10/2023 | 13/10/2023 | TBC | Asia | S6-57 |
| 3GPPSA6#58 | 13/11/2023 | 17/11/2023 | TBC | North America | S6-58 |
| 3GPPSA6#59-Adhoc | 22/01/2024 | 31/01/2024 | Online | TBC | S6a-59 |
| 3GPPSA6#59 | 26/02/2024 | 01/03/2024 | Location | TBC | S6-59 |
| 3GPPSA6#60 | 15/04/2024 | 19/04/2024 | Location | TBC | S6-60 |
| 3GPPSA6#61 | 20/05/2024 | 24/05/2024 | Location | TBC | S6-61 |
| 3GPPSA6#62 | 19/08/2024 | 23/08/2024 | Location | TBC | S6-62 |
| 3GPPSA6#63 | 14/10/2024 | 18/10/2024 | Location | TBC | S6-63 |
| 3GPPSA6#64 | 18/11/2024 | 22/11/2024 | Location | TBC | S6-64 |