**3GPP TSG-SA WG6 Meeting #52-bis-e S6-223636**

**e-meeting, 11th – 20th January 2023**

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Title: SA6 Meeting 52 report

Agenda Item: 3

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*Abstract: Meeting report of 3GPP SA6 meeting #51-e*

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

**DRAFT Meeting Report  
for  
TSG SA WG6  
meeting: #52**

**Toulouse, France, 14/11/2022 to 18/11/2022**

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## 1 Opening of the meeting

### 1.1 Welcome speech and Social Event update

The chair Alan Soloway (Qualcomm) opened the SA6#52 (physical) meeting, first since the meeting in Hyderabad, India Jan 2020. The planning and schedule of the various sessions and streams can be found in the meeting agenda.

Dominic Lazara (Motorola Solutions) gave a presentation of Toulouse and the practicalities for the meeting.

### 1.2 IPR and antitrust policy reminders

The chair read out loud the IPR call and the antitrust reminders.

**IPR Call Reminder:**

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.

### 1.3 Reminder to register to the meeting

The chair further reminded delegates to register for the meeting.

### 1.4 Reminder for check-in at the meeting and for wearing badges

The chair also remarked that the check-in is being done (experimentally) via having ones badge scanned at the entrance to the meeting room. In addition delegates may check-in for the meeting using the meeting registration token.

## 2 Agenda and Chair notes

**S6-223081 SA6 Meeting 52-e Agenda**

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

**Abstract:**

Agenda for the SA6#52-e meeting

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

**S6-223083 SA6 Meeting #52-e - Agenda with Tdocs allocation after submission deadline**

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

**Abstract:**

The SA6#52-e meeting agenda with Tdocs allocation after submission deadline

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

**S6-223084 SA6 Meeting #52-e - Agenda with Tdocs allocation at start of the meeting**

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

**Abstract:**

The SA6#52-e meeting agenda with Tdocs allocation at the start of the meeting

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

**S6-223085 SA6 Meeting #52-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#52-e meeting

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

## 3 Report from previous meetings

**S6-223082 SA6 Meeting 51-e Report**

*Type: report For: Approval  
 Source: MCC*

**Abstract:**

The report of the SA6#51-e meeting.

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

## 4 Liaison statements

### 4.1 Incoming LSs

**S6-223087 Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge**

*Type: LS in For: Action  
 Original outgoing LS: S2-2207394, to SA6, cc SA3  
 Source: SA2*

**Abstract:**

1. Overall Description:

SA2 thanks SA6 on their LS (S2-2205458 / S6-221953) and provides the following feedback on the SA6 questions.

- As mentioned in KI#16 about AF (e.g. EES) with a NATted UE IP address, can SA2 support taking NATted UE IP address as input and then exposing the UE External ID to EES?

Currently (in Rel-17) there is no specification support for NAT devices controlled by 5GS, as indicated in the following NOTE in TS 23.501 clause 5.6.10.1:

NOTE 2: An operator can deploy NAT functionality in the network; the support of NAT is not specified in this release of the specification.

As well as in the following NOTE in TS 23.502 clause 4.15.10:

NOTE 3: The case where UE IP address provided by the AF to the NEF corresponds to an IP address that has been NATed (Network and Port Address Translation) is not supported in this release.

As a consequence, there is currently no specification support for exposure of UE External ID based on the NATted UE IP address.

SA2 would like to point out that there is a related work as part of the ongoing Rel-18 study FS\_UPEAS. However SA2 has not yet concluded or agreed any solution for normative work.

- In solution #23, EES (as AF) invokes Nnef\_UEID API with UE private IP address allocated by 3GPP CN. In certain deployment when multiple UEs are allocated with the same private IP address, can SA2 support addressing IPv4 address overlap issue?

The case where multiple UEs are allocated with the same private 5GC IP address is currently addressed as follows

- when this same private IP address is allocated to different UE(s) for different DNN and S-NSSAI(s) by associating the AF with a DNN and S-NSSAI

- Otherwise and furthermore, the "ipDomain" attribute as defined in TS 29.514 clause 4.2.2.2 Note 3 may be leveraged

The above DNN/S-NSSAI or ipDomain attribute is not expected to be exposed outside the 5GC network.

2. Actions:

To SA6 group.

ACTION: SA2 respectfully asks SA6 to take into account the feedback above.

**Discussion:**

Intel presented the LS in S6-223087.

A proposed draft reply had been prepared and made available as S6-223198. Before discussing the proposed reply it was suggested to also discuss S6-223096 (LS from SA3).

It was discussed whether one and the same LS could reply both S6-223087 and S6-223096.

Motorola Solutions and Intel suggested preparing two separated LS replies.

**Decision:** The document was **replied to in S6-223198**.

**S6-223088 LS reply to 3GPP SA6 on Clarification of Edge Node Sharing**

*Type: LS in For: Action  
 Original outgoing LS: OPG\_103, to SA6, cc SA, SA2  
 Source: GSMA OPG*

**Abstract:**

Question for 3GPP SA6:

The edge sharing procedure defined in OPG OPAG is shown in the Figure 3 below:

Only one registration is performed between the UE-A and OP–A. The UE-A is then redirected towards the content hosted by OP - B with who edge sharing is performed. GSMA OPG would like to receive 3GPP SA6 feedback if the current procedure is acceptable.

**Discussion:**

Samsung presented the LS in S6-223088.

A draft reply has been prepared and made available as S6-223211.

**Decision:** The document was **replied to in S6-223211**.

**S6-223089 LS reply to GSMA OPAG on E/WBI**

*Type: LS in For: Information  
 Original outgoing LS: MEC(22)000430r2, to GSMA OPG, OPAG, cc 3GPP SA, SA2, SA6  
 Source: ETSI ISG MEC*

**Abstract:**

1. Overall description

ETSI ISG MEC would like to thank GSMA OPAG for their LS informing about its progress on the documentation of its East West Band Interface (EWBI) allowing federation of Telco Edge computing platforms.

As previously shared during the joint workshop with GSMA OPG and 3GPP, the work of ETSI ISG MEC related to EWBI is mainly focused on the deliverable ETSI GS MEC 040, which drafts are publicly available in the MEC Open Area (https://docbox.etsi.org/ISG/MEC/Open/MEC040%20FederationAPI%20drafts).

ETSI ISG MEC has considered the work shared by OPAG as attachment of the LS (OPAG\_34\_006) in the draft titled “Operator Platform – East-Westbound Interface APIs”.

As requested by GSMA, the ISG is using this document as base reference for ETSI federation concepts under definition and is willing to collaborate in order to avoid market fragmentation. In particular, this OPAG document can be considered as suitable information for the ongoing standardization activities in MEC 040. In that perspective, we would like to inform you that the MEC 040 deliverable is moving now to stable draft status (all the documents can be found in the MEC Open Area, here), heading to a forthcoming publication of the v3.1.1 of this specification, and the ISG MEC approved at the MEC#31 meeting a NWI proposal, to further progress toward a subsequent publication of MEC 040 v.3.2.1, aiming at covering more extensively the EWBI.

ETSI ISG MEC thus would kindly invite GSMA OPAG to have a look at this MEC 040 in the MEC Open Area and provide any feedback about the current Federation API definition and its possible evolutions in MEC.

Also in this perspective, ETSI MEC would like to ask for some preliminary clarifications on the EWBI document R1.4 from OPAG:

1. Regarding the location information to establish a federation, there are three concepts in OP PRD (Availability Zone, Region and Cloudlet). We understand that currently the only location-related attribute exchanged during the Create Federation message (clause 3.1.1.2) is Availability Zones (AZ). Would OPAG think that other location-related attributes could be considered as critical from GSMA perspective?

2. ETSI MEC assumes that the main purpose of Availability Zones (AZ) is for disaster recovery, and can work as a basis of billing to application providers. If this ETSI MEC assumption is correct, we would like to have more clarity on the rationale on considering AZ important for the federation creation.

ETSI ISG MEC would greatly appreciate answers from OPAG on the above questions for clarifications, for steering the further ISG work in this domain.

2 . Actions

To GSMA OPAG, OPG

ACTION: ETSI ISG MEC would kindly invite GSMA OPAG to have a look at this MEC 040 in the MEC Open Area and provide any feedback about the current EWBI definition and its possible evolutions in MEC. Furthermore, ETSI ISG MEC would greatly appreciate answers from OPAG on the above questions for clarifications, for steering the further ISG work in this domain.

**Discussion:**

Huawei presented the LS in S6-223089.

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

**S6-223090 5G capabilities exposure for factories of the future – identified gaps**

*Type: LS in For: Information  
 Original outgoing LS: 2022 09 06 5G-ACIA-LS 05, to 3GPP TSG SA, 3GPP TSG CT, cc 3GPP TSG SA1, SA2, SA3, SA5, SA6  
 Source: 5G Alliance for Connected Industries and Automation (5G-ACIA)*

**Abstract:**

1. Overall Description

In 2021, 5G-ACIA published a revised white paper on the exposed 5G capabilities that are needed by factory operators to manage and maintain industrial 5G devices and 5G Non-Public Networks (NPN) in a simple and efficient manner [1] . 5G-ACIA informed 3GPP about this work in SP-210281 and a reply LS was provided in SP-211134. 5G-ACIA wishes to thank 3GPP for their answer and collaborative spirit.

In the meantime, 5G-ACIA mapped these requirements onto Rel-17 specifications and identified the gaps and possible limitations as listed below (see table in S6-223090). Some of these gaps could be relevant for future 3GPP work.

2. Actions

5G-ACIA kindly asks 3GPP to take note of the identified gaps and limitations in Rel-17 specifications for considerations in the ongoing and future activities of 3GPP.

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

**S6-223091 3GPP TR 23.700-98 V1.2.0 Analysis**

*Type: LS in For: Action  
 Original outgoing LS: OPAG 41 Doc 04, to SA6, cc OPG  
 Source: OPG Operator Platform API Group*

**Abstract:**

1. Introduction

GSMA Operator Platform API Group (OPAG) has been working on the analysis of 3GPP TR 23.700-98 V1.2.0 (2022-09) to understand its relationship to Federation, Edge Sharing and Roaming and the work GSMA OPAG is doing.

2. Enhanced Application Architecture

The target architectures to be analysed are presented in the sections 6.1 and 6.2 of the 3GPP TR 23.700-98 V1.2.0 (2022-09).

GSMA OPAG identified that these architectures might be related to the proposed solutions for the following key issues:

• Key Issue #6: Edge services support across ECSPs.

• Key Issue #9: Enhancement of dynamic EAS instantiation triggering.

• Key Issue #10: Support for roaming UEs.

• Key Issue #17: Discovery of a common EAS.

• Key Issue #20: Method of supporting federated EAS service

• Key Issue #22: EAS discovery in Edge Node sharing scenario

Considering the description in the 3GPP TR 23.700-98, it is clear that the EDGE-10 interface has an important role in the proposed architectures and solutions, for example:

• Solution #5: ECS enhancement to discover EESs via other ECSs to support edge services across ECSPs.

• Solution #14: V-ECS Discovery via the H-ECS.

As a part of the analysis, GSMA OPAG would like to understand if 3GPP EDGE-10 interface can be endorsed as part of the OPAG EWBI. However, we could not find a formal definition for EDGE-10 interface in 3GPP specifications.

3. Conclusion and actions

GSMA OPAG kindly ask 3GPP SA6 to provide a detailed description of the services and capabilities offered by the EDGE-10 interface and its relation to Federation, Edge Sharing and Roaming scenarios.

GSMA OPAG would also like to understand whether 3GPP SA6 is considering the EWBI defined in GSMA PRD OPG.04 for the realisation of the Edge-10 interface.

**Discussion:**

Duplication of S6-223115 hence withdrawn.

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

**S6-223092 Reply LS on 5MBS User Services**

*Type: LS in For: Information  
 Original outgoing LS: S4aI221402, to CT3, cc SA2, SA6, CT4  
 Source: SA4*

**Abstract:**

1. Overall Description:

SA4 would like to thank CT3 for the LS reply on 5MBS User Services. SA4 has discussed the Liaison Statement and would like to give some immediate feedback on the following topic:

Feedback: SA4 would like to bring one deployment to CT3 attention, which is supported by TS 26.502: The MBS Application Provider (AF / AS) may distribute the MBS User Service announcement through MBS-8 to the MBS-Aware Application, which is then passing the MBS User Service Announcement to the MBS Client. The Mission Critical Services follow the same paradigm. SA4 therefore recommends using the same encoding for the MBS User Service Announcement as distributed via MBS-5 (direct distribution of the service announcement) to the MBS Client, i.e., the JSON based encoding defined in TS 26.517, Annex A.2.

SA4 is working on a correction of the MBS User Service Announcement clause in TS 26.517, targeting SA4#121 (November 2022) for agreement.

2. Actions:

To CT3 group.

ACTION: SA4 kindly asks CT3 to take above information into account and to refer to TS 26.517 for the JSON based encoding of the MBS User Service Announcement at reference points Nmb5 / Nmb10.

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

**S6-223093 Reply LS on Security Requirements for the MSGin5G Service**

*Type: LS in For: Action  
 Original outgoing LS: S3-222525, to SA6, cc CT1  
 Source: SA3*

**Abstract:**

1 . Overall description

SA3 thanks SA6 for the LS on Security Requirements for the MSGin5G Service.

SA3 has been aware that SA6 is specifying the application architecture for MSGin5G Service for release 18. SA3 would like to clarify that current text in Annex Y, TS 33.501 is for release 17, and SA3 will specify the mentioned security aspects for release 18 and keep SA6 informed once completing the normative work of security aspects of MSGin5G Service for release 18.

2. Actions

To 3GPP SA WG6

ACTION: SA3 asks SA6 to take the above information into account.

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

**S6-223094 LS on SNAAPP requirements clarifications**

*Type: LS in For: Action  
 Original outgoing LS: S3-222970, to SA1, SA6, cc -  
 Source: SA3*

**Abstract:**

1 . Overall description

During discussion of the SA1 defined requirements for SNAAPP security, SA3 noticed that there were different interpretations possible. Therefore, SA3 would like to request clarifications.

TS 22.261 contains the following two requirements:

1: provide a third-party with secure access to APIs (e.g. triggered by an application that is visible to the 5G system), by authenticating and authorizing both the third-party and the UE using the third-party's service.

2: provide a UE with secure access to APIs (e.g. triggered by an application that is not visible to the 5G system), by authenticating and authorizing the UE.

SA3 would like to request for clarification of requirement 1:

From security point of view, the third party may use any authorization that is given to any triggerer by a specific resource owner. Thus the requirement 1 seems to place some amount of trust into the third party.

Q1a: What is the purpose of requiring: authenticating and authorizing both the third-party and the UE using the third-party's service?

Q1b: What would be a use case for this requirement?

Q1c: Would the third party AF be considered trusted or not trusted in this use case?

Q1d: Does this requirement also include cases that one UE uses the third party's service to get access to resources from another UE? (Example: In the context of a (hiking) game one UE is receiving the location of another UE.)

SA3 would like to request for clarification of requirement 2:

Q2a: Could you please give an example in which a UE is provided with secure access to APIs, triggered by an application that is not visible to the 5G system?

Q2b: How would the 3GPP system allow access on application level if the applications are not visible to the 3GPP system?

Q2c: Would at least the UE be aware of which application is triggering the UE to access the API?

Q2d: Would this requirement also be relevant for a UE requesting resources of another UE?

SA3 would like to request for clarification that applies to both requirements:

It is not clear to SA3 whether the "application" in the requirements 1 and 2 indicate an application on the UE or an application on the third party AF. According to Figure 4.1.1-1 and Figure 4.2.1-1 in TR 23.700-95, "Application" resides on the UE.

In case of Figure 4.1.1-1, the "Application" seems to be visible to the 5G system, as opposed to the relevant requirement's description, "triggered by an application that is not visible to the 5G system".

On the other hand, in case of Figure 4.2.1-1, the "Application" seems to be invisible to the 5G system, as opposed to the relevant requirement's description, "triggered by an application that is visible to the 5G system".

Q3a: What does the "application" in the two requirements indicate? Is it an application on the UE or an application on the third party AF?

Q3b: What is the meaning of "application that is visible to the 5G system"? Does this mean that the application has a direct communication with an entity of the 5G system, or any other meaning?

2. Actions

To SA1

ACTION: SA3 would kindly request SA1 to clarify the above questions.

To SA6

ACTION: SA3 would kindly request SA6 to point out their interpretation of requirement 1 and 2 in their use cases.

**Discussion:**

NTT DOCOMO presented the LS in S6-223094.

A draft proposal for reply had been prepared and made available as S6-223184.

**Decision:** The document was **replied to in S6-223184**.

**S6-223095 Draft LS reply on CAPIF authorization roles related to FS\_SNAAPP**

*Type: LS in For: Action  
 Original outgoing LS: S3-222972, to SA6, cc -  
 Source: SA3*

**Abstract:**

1 . Overall description

SA3 would like to thank SA6 for their LS on CAPIF authorization roles related to FS\_SNAAPP.

SA3 has just started studying in TR 33.884 security aspects of the SA6 study on enhancements to the existing CAPIF functional model so that the CAPIF can support the subscriber-aware northbound API access (SNA).

Since it is mentioned in the description on SA6's LS, SA3 would like to ask whether for the current release of the standard resource owner+ in the scenarios considered by SA6 is always the user .

SA3 would like to provide the following preliminary feedback to SA6 questions. :

1. SA6 would like to receive feedback on the solutions in the TR that are identified with SA3 dependency.

Answer: SA3 will study the solutions for which SA6 has identified an SA3 dependency.

2. Clause 6.2 of TR 23.700-95 contains potential functional models for SNAAPP. SA6 would like SA3 to assess the functional models and provide feedback on their viability. Especially, SA6 would like SA3 to provide feedback on the following points:

i. For cases where the API provider is within the PLMN trust domain, whether the authorization function in Figure 6.2.1.2.1-1 should be located inside the CAPIF core function, outside the CAPIF core function (i.e., within the API provider domain), or both options are acceptable.

Answer: SA3 will study possible architectures and will provide feedback as the study progresses. In order to progress work, SA3 recommends to consider Authorization Function (AZF) as separate until the study has progressed, keeping in mind that it may be better to integrate it into the CCF, i.e. reuse CCF API definitions as much as possible for AZF.

Ii. For cases where the 3rd party API provider is outside the PLMN trust domain, whether the authorization function can be located in CAPIF core function of PLMN trust domain or in the 3rd party trust domain to address the authorization related to resource owners belonging to 3rd party API provider.

Answer: This will depend on whether the 3rd party API provider trusts the PLMN to correctly perform authorization. SA3 considers scenarios in which this is not the case as out of scope for 3GPP.

3. Currently, in TS 33.501 Annex V, the user consent data are stored in the UDM/UDR as subscription data (an in-advance consent). SA6 would like to get SA3’s view for the option to retrieve authorization from subscriber upon the API invocation, as described in Solution #3.

Answer: SA3 will study API authorization (based on consent from resource owner) and relationship to existing user consent mechanism taking into account near real time requirements. SA3 would prefer to postpone specification of authorization function actively contacts the resource owner for API invocation after R18.

4. Currently, in Solution #3, the assumption is that the API provider decides which APIs require authorization from subscribers. SA6 would like clarifications on whether SA3 considers in scope of their study options for the resource owner to also provide such configuration (e.g. request authorization triggering even if not required by API provider).

Answer: SA3 considers in scope of their study the security of options for the resource owner to provide such configuration, if such a functionality is required.

Furthermore there was discussion about whether currently use cases foreseen for R18 cover M2M UEs (i.e. UEs without user or user interface) for the resource owner. SA3 would like to ask SA6 to clarify this.

2. Actions

To SA6

ACTION: SA3 kindly requests SA6 to take the above into consideration and to provide feedback on the above question:

- Is it acceptable to assume the resource owner is the UE's user, or the UE's user has been given permission by the subscriber to authorize access to the resource all scenarios considered by SA6?

- Is it acceptable to postpone specification of authorization function actively contacting the resource owner for API invocation to after R18?

- Do use cases foreseen for R18 cover M2M UEs as resource owners?

**Discussion:**

NTT DOCOMO presented the LS available as S6-223095.

A proposed reply had been prepared and was available as S6-223185.

**Decision:** The document was **replied to in S6-223185**.

**S6-223096 Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network**

*Type: LS in For: Action  
 Original outgoing LS: S3-223018, to SA6, cc SA2  
 Source: SA3*

**Abstract:**

1 . Overall description

SA3 would like to thank the SA6 for their LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network.

Regarding “whether there is security issue if the EEC share its private IP address with a trusted 3rd party EES. If yes, could SA3 address security issues related to this”, SA3 agreed that, in general, it is not desirable for the network to rely on unverifiable/unverified information provided by the UE. The security issue is that such information can be faked and thus can be used to impersonate a UE.

Moreover, SA3 has observed that the solution suggested by SA6 is incomplete. A private IP address can be shared by multiple UEs. In order to disambiguate this IP address, additional information needs to be used/provided. Providing/disclosing this – as yet unspecified – additional information may have its own security risks. Without further information on the intended complete solution, however, SA3 cannot assess these risks.

2. Actions

To SA6

ACTION: SA3 would like to ask the SA6 to consider the above reply.

**Decision:** The document was **replied to in S6-223331**.

**S6-223103 3GPP TR 23.700-98 V1.2.0 Analysis**

*Type: LS in For: Action  
 Original outgoing LS: OPAG 41 Doc 04, to SA6, cc OPG  
 Source: OPG Operator Platform API Group*

**Abstract:**

1. Introduction

GSMA Operator Platform API Group (OPAG) has been working on the analysis of 3GPP TR 23.700-98 V1.2.0 (2022-09) to understand its relationship to Federation, Edge Sharing and Roaming and the work GSMA OPAG is doing.

2 . Enhanced Application Architecture

The target architectures to be analysed are presented in the sections 6.1 and 6.2 of the 3GPP TR 23.700-98 V1.2.0 (2022-09).

GSMA OPAG identified that these architectures might be related to the proposed solutions for the following key issues:

• Key Issue #6: Edge services support across ECSPs.

• Key Issue #9: Enhancement of dynamic EAS instantiation triggering.

• Key Issue #10: Support for roaming UEs.

• Key Issue #17: Discovery of a common EAS.

• Key Issue #20: Method of supporting federated EAS service

• Key Issue #22: EAS discovery in Edge Node sharing scenario

Considering the description in the 3GPP TR 23.700-98, it is clear that the EDGE-10 interface has an important role in the proposed architectures and solutions, for example:

• Solution #5: ECS enhancement to discover EESs via other ECSs to support edge services across ECSPs.

• Solution #14: V-ECS Discovery via the H-ECS.

As a part of the analysis, GSMA OPAG would like to understand if 3GPP EDGE-10 interface can be endorsed as part of the OPAG EWBI. However, we could not find a formal definition for EDGE-10 interface in 3GPP specifications.

3. Conclusion and actions

GSMA OPAG kindly ask 3GPP SA6 to provide a detailed description of the services and capabilities offered by the EDGE-10 interface and its relation to Federation, Edge Sharing and Roaming scenarios.

GSMA OPAG would also like to understand whether 3GPP SA6 is considering the EWBI defined in GSMA PRD OPG.04 for the realisation of the Edge-10 interface.

**Discussion:**

Samsung presented the LS in S6-223103.

**Decision:** The document was **replied to in S6-223335**.

**S6-223115 LS on GSMA OPG PRDs publication**

*Type: LS in For: Action  
 Original outgoing LS: OPG 111 Doc 03, to 3GPP SA2, SA6, ETSI ISG MEC, cc 3GPP SA  
 Source: GSMA OPG*

**Abstract:**

Introduction

GSMA OPG would like to notify 3GPP and ETSI of the recent release of several GSMA PRDS:

• OPG.02 Operator Platform Telco Edge Requirements version 3.0, available at gsma.com. The new version contains the following changes:

- Enhanced Network capabilities exposure

- New interface - Edge Interconnection Network

- Cellular Service continuity

• OPG.03 Southbound Interface Network Resources APIs version 1.0

- Available at gsma.com

• OPG.04 East-Westbound Interface APIs version 1.0

- Available at gsma.com

Actions to

GSMA OPG kindly ask 3GPP and ETSI to take the above into consideration.

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

### 4.2 Outgoing LSs

**S6-223184 LS reply on SNAAPP requirements clarifications**

*Type: LS out For: Approval  
 to SA3, cc SA1  
 Source: NTT DOCOMO*

**Discussion:**

NTT DOCOMO presented the proposed reply.

**Decision:** The document was **revised to S6-223336**.

**S6-223336 LS reply on SNAAPP requirements clarifications**

*Type: LS out For: Approval  
 to SA3, cc SA1  
 Source: NTT DOCOMO*

(Replaces S6-223184)

**Discussion:**

NTT DOCOMO presented the document S6-223336.

**Decision:** The document was **revised to S6-223488**.

**S6-223488 LS reply on SNAAPP requirements clarifications**

*Type: LS out For: Approval  
 to SA3, SA1  
 Source: SA6*

(Replaces S6-223336)

**Discussion:**

NTT DOCOMO presented the document S6-223488.

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

**S6-223185 LS reply on CAPIF authorization roles related to FS\_SNAAPP**

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

**Decision:** The document was **revised to S6-223337**.

**S6-223337 LS reply on CAPIF authorization roles related to FS\_SNAAPP**

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

(Replaces S6-223185)

**Discussion:**

NTT DOCOMO presented the document S6-223337.

Only change is to accept all the proposes changes.

**Decision:** The document was **revised to S6-223489**.

**S6-223489 LS reply on CAPIF authorization roles related to FS\_SNAAPP**

*Type: LS out For: Approval  
 to SA3  
 Source: SA6*

(Replaces S6-223337)

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

**S6-223198 Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network**

*Type: LS out For: Approval  
 to SA2, cc SA3  
 Source: Intel Technology India Pvt Ltd*

(Replaces S6-222661)

**Decision:** The document was **revised to S6-223332**.

**S6-223332 Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network**

*Type: LS out For: Approval  
 to SA2, cc SA3  
 Source: Intel Technology India Pvt Ltd*

(Replaces S6-223198)

**Discussion:**

Intel presented the document S6-223332.

Samsung had some reservation about the "(e.g. in URSP)".

Ericsson was of the view the reference to URSP would be beneficial for SA2.

**Decision:** The document was **revised to S6-223487**.

**S6-223487 Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network**

*Type: LS out For: Approval  
 to SA2, cc SA3  
 Source: Intel Technology India Pvt Ltd*

(Replaces S6-223332)

**Discussion:**

Intel presented the document S6-223487.

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

**S6-223211 Reply LS on Clarification of Edge Node Sharing**

*Type: LS out For: Approval  
 to GSMA OPG  
 Source: Samsung*

**Decision:** The document was **revised to S6-223333**.

**S6-223333 Reply LS on Clarification of Edge Node Sharing**

*Type: LS out For: Approval  
 to GSMA OPG, cc 3GPP SA, SA2  
 Source: Samsung*

(Replaces S6-223211)

**Discussion:**

Samsung presented document S6-223333.

Only changes are to:

- in question 2 replacing "..to communicate with partner OP." with "..to communicate with partner OP (shared EES).".

- removing SA6 meeting number from the source,

- remove text highlights and

- accept all the changes.

**Decision:** The document was **revised to S6-223506**.

**S6-223506 Reply LS on Clarification of Edge Node Sharing**

*Type: LS out For: Approval  
 to GSMA OPG, cc 3GPP SA, SA2  
 Source: Samsung*

(Replaces S6-223333)

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

**S6-223227 Reply LS on 5G capabilities exposure for factories of the future – identified gaps**

*Type: LS out For: (not specified)  
 to SA, SA1, SA2, SA3, SA5, cc CT  
 Source: SA6*

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

**S6-223228 Reply LS on user’s consent for EDGEAPP**

*Type: LS out For: (not specified)  
 to CT3, SA2, cc SA3, CT4  
 Source: SA6*

**Decision:** The document was **revised to S6-223339**.

**S6-223339 Reply LS on user’s consent for EDGEAPP**

*Type: LS out For: Approval  
 to CT3, cc SA2, SA3, CT4  
 Source: SA6*

(Replaces S6-223228)

**Discussion:**

Ericsson presented the document S6-223339.

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

**S6-223276 Clarification on the deployment of bundle EAS**

*Type: LS out For: Approval  
 to SA5  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for LS to SA5 on Clarification on the deployment of bundle EAS

**Discussion:**

Huawei presented the proposed LS in S6-223276.

Qualcomm was of the view there was no need to provide that much background.

Motorola Solutions was not convinced the LS was needed at this stage.

**Decision:** The document was **revised to S6-223340**.

**S6-223340 Clarification on the deployment of bundle EAS**

*Type: LS out For: Approval  
 to SA5  
 Source: Huawei, Hisilicon*

(Replaces S6-223276)

**Discussion:**

Huawei presented the document S6-223340.

Samsung had a number of comments but will provide them offline.

**Decision:** The document was **revised to S6-223507**.

**S6-223507 Clarification on the deployment of bundle EAS**

*Type: LS out For: Approval  
 to SA5  
 Source: Huawei, Hisilicon*

(Replaces S6-223340)

**Discussion:**

Huawei presented the document S6-223507.

Qualcomm suggested deleting "in different EES" from question 2.

Ericsson suggested copying SA4.

Only changes are:

- adding SA4 in cc,

- in question 2 replace "and in different EES" with "and registered on same or different EES" and

- delete question 3.

**Decision:** The document was **revised to S6-223587**.

**S6-223587 Clarification on the deployment of bundle EAS**

*Type: LS out For: Approval  
 to SA5, cc SA4  
 Source: Huawei, Hisilicon*

(Replaces S6-223507)

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

**S6-223331 Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network**

*Type: LS out For: Approval  
 to SA3, SA2  
 Source: Apple*

**Discussion:**

Apple presented the document S6-223331.

Samsung suggested splitting the LS into two separated LSs.

**Decision:** The document was **revised to S6-223511**.

**S6-223511 Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network**

*Type: LS out For: Approval  
 to SA3, cc SA2  
 Source: Apple*

(Replaces S6-223331)

**Discussion:**

Apple presented document S6-223511.

Intel suggested some further rewording and will provide these offline.

**Decision:** The document was **revised to S6-223552**.

**S6-223552 Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network**

*Type: LS out For: Approval  
 to SA3, cc SA2  
 Source: Apple*

(Replaces S6-223511)

**Discussion:**

Apple presented document S6-223552.

Only change is accepting all changes.

**Decision:** The document was **revised to S6-223586**.

**S6-223586 Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network**

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

(Replaces S6-223552)

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

**S6-223334 Reply LS on Network federation interface for Telco edge consideration for a consolidated reply**

*Type: LS out For: Approval  
 to 3GPP SA, cc 3GPP SA2, 3GPP SA3, 3GPP SA5, 3GPP CT, 3GPP CT3  
 Source: Huawei*

**Discussion:**

Huawei presented document S6-223334.

Qualcomm suggested rephrasing the "Network federation" in the LS.

**Decision:** The document was **revised to S6-223553**.

**S6-223553 Reply LS on Network federation interface for Telco edge consideration for a consolidated reply**

*Type: LS out For: Approval  
 to 3GPP SA, cc 3GPP SA2, SA3, SA5, CT, CT3  
 Source: Huawei*

(Replaces S6-223334)

**Discussion:**

Huawei presented document S6-223553.

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

**S6-223335 LS on Reply LS on 3GPP TR 23.700-98 V1.2.0 Analysis**

*Type: other For: discussion  
 Source: Samsung*

**Discussion:**

Samsung presented the document S6-223335.

Samsung had a number of comments but will provide them offline.

**Decision:** The document was **revised to S6-223508**.

**S6-223508 LS on Reply LS on 3GPP TR 23.700-98 V1.2.0 Analysis**

*Type: other For: discussion  
 Source: Samsung*

(Replaces S6-223335)

**Discussion:**

Samsung presented the document S6-22508.

Qualcomm suggested deleting bullets related to Key Issue #9, #17 and #20.

The only change is deleting bullets related to Key Issue #9, #17 and #20.

**Decision:** The document was **revised to S6-223613**.

**S6-223613 LS on Reply LS on 3GPP TR 23.700-98 V1.2.0 Analysis**

*Type: LS out For: Approval  
 to GSMA OPAG, cc 3GPP SA, GSMA OPG  
 Source: Samsung*

(Replaces S6-223508)

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

**S6-223338 LS on availability of completed study in TR 23.700-98**

*Type: LS out For: Approval  
 to GSMA OPG, GSMA OPAG, ETSI MEC  
 Source: Samsung*

**Discussion:**

Samsung presented the document S6-223338.

Discussion on how to refer to the draft.

**Decision:** The document was **revised to S6-223523**.

**S6-223523 LS on availability of completed study in TR 23.700-98**

*Type: LS out For: Approval  
 to GSMA OPG, GSMA OPAG, ETSI MEC  
 Source: Samsung*

(Replaces S6-223338)

**Discussion:**

Samsung presented the document S6-223523.

The only changes are:

- removing highlighting,

- using black text and

- referring to the correct WID.

TDoc upload will be delayed until draft to be attached is available.

**Decision:** The document was **revised to S6-223554**.

**S6-223554 LS on availability of completed study in TR 23.700-98**

*Type: LS out For: Approval  
 to GSMA OPG, GSMA OPAG, ETSI MEC  
 Source: Samsung*

(Replaces S6-223523)

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

**S6-223369 LS to SA1 needed to clarify the requirements**

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

**Discussion:**

The planned LS withdrawn together with the related pCR S6-223368.

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

**S6-223469 CAPIF extensions requested by ETSI ISG MEC**

*Type: LS out For: Approval  
 to ETSI ISG MEC, 3GPP CT3, 3GPP SA3, cc 3GPP SA, CT  
 Source: Nokia*

**Discussion:**

Nokia presented document S6-223469.

WID should be changed from "CAPIF" to "EDGEAPP" and SA3 should be in "CC" not "TO".

**Decision:** The document was **revised to S6-223509**.

**S6-223509 CAPIF extensions requested by ETSI ISG MEC**

*Type: LS out For: Approval  
 to ETSI ISG MEC, 3GPP CT3, 3GPP SA3, cc 3GPP SA, CT  
 Source: Nokia*

(Replaces S6-223469)

**Decision:** The document was **revised to S6-223605**.

**S6-223605 CAPIF extensions requested by ETSI ISG MEC**

*Type: LS out For: Approval  
 to ETSI ISG MEC, 3GPP CT3, cc 3GPP SA, CT, SA3  
 Source: Nokia*

(Replaces S6-223509)

**Discussion:**

Nokia presented the document.

The only change is adding the missing attachment.

**Decision:** The document was **revised to S6-223628**.

**S6-223628 CAPIF extensions requested by ETSI ISG MEC**

*Type: LS out For: Approval  
 to ETSI ISG MEC, 3GPP CT3, cc SA, CT, SA3  
 Source: SA6*

(Replaces S6-223605)

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

Attachments to this outgoing LS: S6-223551

**S6-223522 LS on the use of a non-network defined identifier for UE identification**

*Type: LS out For: Approval  
 to SA3, SA2  
 Source: Apple*

**Discussion:**

Apple presented the document.

The only changes are:

- replacing “EECID states that it shall globally unique” with “EECID states that it shall be globally unique” and

- providing the correct TDoc number when approved.

**Decision:** The document was **revised to S6-223558**.

**S6-223558 LS on the use of a non-network defined identifier for UE identification**

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

(Replaces S6-223522)

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

## 5 Items for early consideration

**S6-223114 Work Planning**

*Type: discussion For: Endorsement  
 Source: SA6 Chair*

**Discussion:**

Chair presented the work planning in S6-223114.

Discussion during the opening session

The paper proposed:

- SA6#52-Bis-e and SA6#53 will only address normative work and study “exceptions”

-The SA6 Chair has the discretion to decide whether to endorse a Rel-18 Stage 2 freeze extension of 1 quarter if considered at SA#98

The current 2023 meeting dates are as follows:

SA6#52-bis-e 11 - 20 Jan 2023

SA6#53 27 Feb - 03 Mar 2023 Athens, Greece

SA6#54-e 17 - 26 Apr 2023 Online

SA6#55 22 - 26 May 2023 Europe

SA6#56 21 - 25 Aug 2023 Europe

SA6#57-e 11 - 20 Oct 2023 Online

SA6#58 13 - 17 Nov 2023 North America

Netherlands Police did not support concentrating only on normative work in SA6#52-Bis-e and SA6#53.

Motorola Solutions was of the view that the initiative for any extension of the work should come from Individual Members (even if the chair can give his view).

Lenovo made the point that any extension would need to be synchronised with SA2.

Samsung was e.g. of the view that any discussion on extension is a discussion for the plenary.

Further discussion during the closing session.

Huawei wished the Chinese golden week to be avoided for the meeting dates.

Motorola Solutions pointed out that the hosting models are currently changing so the group should be cautious with regard to expectations of locations and changes to various preliminary physical meetings.

The proposed start of final review period for SA6#52-bis-e from 04:00 UTC was changed to 06:00 UTC

The following slightly modified conference call schedule for the SA6#52-bis-e was agreed:

Conference call #1: 13:00 – 13:55 UTC – TBD

Conference call #2: 14:00 – 14:55 UTC – TBD

Conference call #3: 15:00 – 16:00 UTC – TBD

Conference call #4: 13:00 – 13:55 UTC – TBD

Conference call #5: 14:00 – 14:55 UTC – TBD

Conference call #6: 15:00 – 16:00 UTC – TBD

Conference call #7: 13:00 – 13:55 UTC – TBD

Conference call #8: 14:00 – 15:00 UTC – TBD

Some comments were made favouring moving the SA6#58 meeting one meeting ahead.

The chair however noted this would be very difficult to achieve.

A question was raised whether SA6#58 will have the possibility of remote attendance.

The chair noted he would enquire whether remote participation for SA6#58 would be made possible.

**Decision:** The document was **revised to S6-223634**.

**S6-223634 Work Planning**

*Type: discussion For: Endorsement  
 Source: SA6 Chair*

(Replaces S6-223114)

**Discussion:**

Slide number 9 (only) endorsed.

**Decision:** The document was **endorsed**.

### 5.1 Working Agreements / Technical Votes

### 5.2 Others

### 5.3 Documents for Early Approval

## 6 Rel-16 Work Items

## 7 Rel-17 Work Items

**S6-223216 correction for EEC registration expiration time**

*Type: CR For: Approval  
 23.558 v17.5.0 CR-0115 rev 3 Cat: F (Rel-17)  
  
 Source: Samsung*

(Replaces S6-222757)

**Abstract:**

Proposal to align the description of the EEC registration and EEC registration update procedure with the IE tables.

**Discussion:**

Samsung presented S6-223216.

The proposal has already been discussed over several meetings and it was decided to discuss further offline.

**Decision:** The document was **revised to S6-223626**.

**S6-223626 correction for EEC registration expiration time**

*Type: CR For: Approval  
 23.558 v17.5.0 CR-0115 rev 4 Cat: F (Rel-17)  
  
 Source: Samsung*

(Replaces S6-223216)

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

**S6-223230 correction for EEC registration expiration time**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0141 Cat: A (Rel-18)  
  
 Source: SAMSUNG R&D INSTITUTE JAPAN*

**Decision:** The document was **revised to S6-223627**.

**S6-223627 correction for EEC registration expiration time**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0141 rev 1 Cat: A (Rel-18)  
  
 Source: SAMSUNG R&D INSTITUTE JAPAN*

(Replaces S6-223230)

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

**S6-223240 Correction of ACR management notification**

*Type: CR For: Agreement  
 23.558 v17.5.0 CR-0143 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

The CR corrects the event that is missing in the information flow of the ACR management event notification.

**Discussion:**

Huawei presented S6-223240.

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

**S6-223241 Correction of ACR management notification**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0144 Cat: A (Rel-18)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

Mirror CR

**Discussion:**

See S6-223240.

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

## 8 Rel-18 Work-Items

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

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

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

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

**S6-223158 Description for the terms used in the location management procedures**

*Type: CR For: Agreement  
 23.280 v18.3.0 CR-0354 rev 1 Cat: F (Rel-18)  
  
 Source: Samsung Electronics Romania*

(Replaces S6-222841)

**Abstract:**

Note: Resubmission due to mismatch in spec# on 3GU and in the CR S6-222466 from previous meeting

**Decision:** The document was **revised to S6-223341**.

**S6-223341 Description for the terms used in the location management procedures**

*Type: CR For: Agreement  
 23.280 v18.3.0 CR-0354 rev 2 Cat: F (Rel-18)  
  
 Source: Samsung Electronics Romania*

(Replaces S6-223158)

**Discussion:**

Samsung presented the document S6-223341.

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

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

**S6-223147 Decoupling of signalling and media paths for MCPTT**

*Type: CR For: Agreement  
 23.379 v18.3.0 CR-0321 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, UIC, Kontron Transportation France*

**Abstract:**

This CR describes the minimum adjustments that are necessary to enable signalling and media to be managed separately.

**Decision:** The document was **revised to S6-223329**.

**S6-223148 Decoupling of signalling and media paths for MCVideo**

*Type: CR For: Agreement  
 23.281 v18.2.0 CR-0167 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, UIC, Kontron Transportation France*

**Abstract:**

This CR describes the minimum adjustments that are necessary to enable signalling and media to be managed separately.

**Decision:** The document was **revised to S6-223330**.

**S6-223149 Private call handling when migrating through multiple MC systems**

*Type: CR For: Agreement  
 23.280 v18.3.0 CR-0355 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, Ericsson*

**Abstract:**

Adding a NOTE indicating that a partner MC system should keep the relationship between the provided MC service ID for an migrated MC service user and the related MC service ID provided by the primary MC system.

**Decision:** The document was **revised to S6-223328**.

**S6-223229 private call towards a migrated MC user**

*Type: CR For: Agreement  
 23.280 v18.3.0 CR-0353 rev 2 Cat: B (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-222948)

**Decision:** The document was **revised to S6-223344**.

**S6-223344 private call towards a migrated MC user**

*Type: CR For: Agreement  
 23.280 v18.3.0 CR-0353 rev 3 Cat: B (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-223229)

**Discussion:**

Ericsson presented the document S6-223344.

AT&T suggested slight clarification to the last paragraph of clause 10.16.y.1.

Motorola Solutions was of the view that only the MC service ID IE was needed. Discussion to follow offline.

**Decision:** The document was **revised to S6-223490**.

**S6-223490 private call towards a migrated MC user**

*Type: CR For: Agreement  
 23.280 v18.3.0 CR-0353 rev 4 Cat: B (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-223344)

**Discussion:**

Ericsson presented the document S6-223490.

The only changes are:

- replacing the editor's note "It is FFS whether the KMS URI is preconfigured in the migrated MC service user`s user profile." with "It is FFS whether the KMS URI of the migrated MC service user is preconfigured in the calling MC service user's user profile." and

- removing all highlighting.

**Decision:** The document was **revised to S6-223567**.

**S6-223567 private call towards a migrated MC user**

*Type: CR For: Agreement  
 23.280 v18.3.0 CR-0353 rev 5 Cat: B (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-223490)

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

**S6-223328 Private call handling when migrating through multiple MC systems**

*Type: CR For: Agreement  
 23.280 v18.3.0 CR-0355 rev 1 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, Ericsson, FirstNet*

(Replaces S6-223149)

**Abstract:**

Adding a NOTE indicating that a partner MC system should keep the relationship between the provided MC service ID for an migrated MC service user and the related MC service ID provided by the primary MC system.

**Decision:** The document was **revised to S6-223345**.

**S6-223345 Partner MC service server stores necessary information for communication redirection**

*Type: CR For: Agreement  
 23.280 v18.3.0 CR-0355 rev 2 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, Ericsson, FirstNet*

(Replaces S6-223328)

**Decision:** The document was **revised to S6-223492**.

**S6-223492 Partner MC service server stores necessary information for communication redirection**

*Type: CR For: Agreement  
 23.280 v18.3.0 CR-0355 rev 3 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, Ericsson, FirstNet*

(Replaces S6-223345)

**Discussion:**

Nokia presented the document S6-223492.

AT&T suggested changing the CR category from "C" to "B".

**Decision:** The document was **revised to S6-223510**.

**S6-223510 Partner MC service server stores necessary information for communication redirection**

*Type: CR For: Agreement  
 23.280 v18.3.0 CR-0355 rev 4 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, Ericsson, FirstNet, AT&T*

(Replaces S6-223492)

**Discussion:**

Nokia presented the document S6-223510.

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

**S6-223329 Decoupling of signalling and media paths for MCPTT**

*Type: CR For: Agreement  
 23.379 v18.3.0 CR-0321 rev 1 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, UIC, Kontron Transportation France, Ericsson*

(Replaces S6-223147)

**Abstract:**

This CR describes the minimum adjustments that are necessary to enable signalling and media to be managed separately.

**Decision:** The document was **revised to S6-223342**.

**S6-223342 Decoupling of signalling and media paths for MCPTT**

*Type: CR For: Agreement  
 23.379 v18.3.0 CR-0321 rev 2 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, UIC, Kontron Transportation France, Ericsson*

(Replaces S6-223329)

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

**S6-223330 Decoupling of signalling and media paths for MCVideo**

*Type: CR For: Agreement  
 23.281 v18.2.0 CR-0167 rev 1 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, UIC, Kontron Transportation France, Ericsson*

(Replaces S6-223148)

**Abstract:**

This CR describes the minimum adjustments that are necessary to enable signalling and media to be managed separately.

**Decision:** The document was **revised to S6-223343**.

**S6-223343 Decoupling of signalling and media paths for MCVideo**

*Type: CR For: Agreement  
 23.281 v18.2.0 CR-0167 rev 2 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, UIC, Kontron Transportation France, Ericsson*

(Replaces S6-223330)

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

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

**S6-223129 Application layer architecture update discussion**

*Type: discussion For: Presentation  
 Source: ZTE Corporation.*

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

**S6-223130 Application layer architecture update**

*Type: pCR For: Approval  
 23.545 v0.7.0  
 Source: ZTE Corporation.*

**Abstract:**

This contribution update FFAPP application layer architecture.

**Discussion:**

ZTE presented the document S6-223130.

**Decision:** The document was **revised to S6-223476**.

**S6-223476 Application layer architecture update**

*Type: pCR For: Approval  
 23.545 v0.7.0  
 Source: ZTE Corporation.*

(Replaces S6-223130)

**Decision:** The document was **revised to S6-223532**.

**S6-223532 Application layer architecture update**

*Type: pCR For: Approval  
 23.545 v0.7.0  
 Source: ZTE Corporation.*

(Replaces S6-223476)

**Discussion:**

ZTE presented the document S6-223532.

**Decision:** The document was **revised to S6-223559**.

**S6-223559 Application layer architecture update**

*Type: pCR For: Approval  
 23.545 v0.7.0  
 Source: ZTE*

(Replaces S6-223532)

**Abstract:**

This contribution update FFAPP application layer architecture.

**Discussion:**

ZTE presented document S6-223559.

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

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

**S6-223195 VAL Service Area discussion - Comments and clarifications**

*Type: discussion For: (not specified)  
 23.434 v..  
 Source: BEIJING SAMSUNG TELECOM R&D*

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

**S6-223197 VAL service area identifier usage**

*Type: CR For: Agreement  
 23.434 v18.2.0 CR-0136 Cat: B (Rel-18)  
  
 Source: BEIJING SAMSUNG TELECOM R&D*

**Decision:** The document was **revised to S6-223416**.

**S6-223416 VAL service area identifier usage**

*Type: CR For: Agreement  
 23.434 v18.2.0 CR-0136 rev 1 Cat: B (Rel-18)  
  
 Source: BEIJING SAMSUNG TELECOM R&D*

(Replaces S6-223197)

**Discussion:**

Samsung presented the document S6-223416.

Only changes are:

- reverting changes to step 3 in clause 9.3.10 and

- correcting clauses affected on the cover page.

**Decision:** The document was **revised to S6-223588**.

**S6-223588 VAL service area identifier usage**

*Type: CR For: Agreement  
 23.434 v18.2.0 CR-0136 rev 2 Cat: B (Rel-18)  
  
 Source: BEIJING SAMSUNG TELECOM R&D*

(Replaces S6-223416)

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

**S6-223209 add Cause IE to NSCE information flows**

*Type: CR For: Agreement  
 23.434 v18.2.0 CR-0137 Cat: F (Rel-18)  
  
 Source: China Mobile International Ltd*

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

**S6-223214 SEAL Registrar service**

*Type: CR For: Agreement  
 23.434 v18.2.0 CR-0106 rev 7 Cat: B (Rel-18)  
  
 Source: Samsung*

(Replaces S6-222922)

**Decision:** The document was **revised to S6-223417**.

**S6-223417 SEAL Registrar service**

*Type: CR For: Agreement  
 23.434 v18.2.0 CR-0106 rev 8 Cat: B (Rel-18)  
  
 Source: Samsung, Deutsche Telekom*

(Replaces S6-223214)

**Discussion:**

Samsung presented the document S6-223417.

The only changes are:

- removing all changes to clause 13.3.x and

- updating the cover page accordingly.

**Decision:** The document was **revised to S6-223618**.

**S6-223618 SEAL Registrar service**

*Type: CR For: Agreement  
 23.434 v18.2.0 CR-0106 rev 9 Cat: B (Rel-18)  
  
 Source: Samsung, Deutsche Telekom*

(Replaces S6-223417)

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

**S6-223277 Service continuity between 5G MBS delivery and unicast delivery**

*Type: CR For: Agreement  
 23.434 v18.2.0 CR-0139 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Service continuity between 5G MBS delivery and unicast delivery

**Decision:** The document was **revised to S6-223418**.

**S6-223418 Service continuity between 5G MBS delivery and unicast delivery**

*Type: CR For: Agreement  
 23.434 v18.2.0 CR-0139 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-223277)

**Discussion:**

Huawei presented the document S6-223418.

Ericsson proposed some rewordings.

**Decision:** The document was **revised to S6-223491**.

**S6-223491 Service continuity between 5G MBS delivery and unicast delivery**

*Type: CR For: Agreement  
 23.434 v18.2.0 CR-0139 rev 2 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-223418)

**Discussion:**

Huawei presented the document S6-223491.

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

**S6-223278 VAL service inter-system switching between 5G and LTE**

*Type: CR For: Agreement  
 23.434 v18.2.0 CR-0140 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for VAL service inter-system switching between 5G and LTE

**Decision:** The document was **revised to S6-223419**.

**S6-223419 VAL service inter-system switching between 5G and LTE**

*Type: CR For: Agreement  
 23.434 v18.2.0 CR-0140 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-223278)

**Discussion:**

Huawei presented the document S6-223419.

**Decision:** The document was **revised to S6-223493**.

**S6-223493 VAL service inter-system switching between 5G and LTE**

*Type: CR For: Agreement  
 23.434 v18.2.0 CR-0140 rev 2 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-223419)

**Discussion:**

Huawei presented the document S6-223493.

**Decision:** The document was **revised to S6-223555**.

**S6-223555 VAL service inter-system switching between 5G and LTE**

*Type: CR For: Agreement  
 23.434 v18.2.0 CR-0140 rev 3 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-223493)

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

**S6-223279 VAL service over 5GS supporting EPS interworking**

*Type: CR For: Agreement  
 23.434 v18.2.0 CR-0141 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for VAL service over 5GS supporting EPS interworking

**Decision:** The document was **revised to S6-223420**.

**S6-223420 VAL service over 5GS supporting EPS interworking**

*Type: CR For: Agreement  
 23.434 v18.2.0 CR-0141 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-223279)

**Discussion:**

Huawei presented the document S6-223420.

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

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

**S6-223104 Correction to clause 1**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0077 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

**Decision:** The document was **revised to S6-223435**.

**S6-223435 Correction to clause 1**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0077 rev 1 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

(Replaces S6-223104)

**Abstract:**

The scope includes messaging types as specified in stage 1, but misses the messaging type based on topic.

**Discussion:**

one2many presented the document S6-223435.

Summary of change on cover page to be corrected.

**Decision:** The document was **revised to S6-223515**.

**S6-223515 Correction to clause 1**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0077 rev 2 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

(Replaces S6-223435)

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

**S6-223105 Correction to clause 5.1**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0078 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

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

**S6-223106 Correction to clause 6.1.4**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0079 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

**Decision:** The document was **revised to S6-223436**.

**S6-223436 Correction to clause 6.1.4**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0079 rev 1 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

(Replaces S6-223106)

**Discussion:**

one2many presented the document S6-223436.

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

**S6-223107 Correction to table 8.2.1-3**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0080 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

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

**S6-223108 Corrections to clause 9.1.1.4**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0081 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

**Decision:** The document was **revised to S6-223437**.

**S6-223437 Corrections to clause 9.1.1.4**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0081 rev 1 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

(Replaces S6-223108)

**Decision:** The document was **revised to S6-223504**.

**S6-223504 Corrections to clause 9.1.1.4**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0081 rev 2 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

(Replaces S6-223437)

**Discussion:**

one2many presented the document S6-223504.

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

**S6-223109 Corrections to clause 10**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0082 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

**Decision:** The document was **revised to S6-223438**.

**S6-223438 Corrections to clause 10**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0082 rev 1 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

(Replaces S6-223109)

**Discussion:**

one2many presented the document S6-223438.

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

**S6-223110 Note on status reporting of broadcast message**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0083 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

**Abstract:**

Extend the note that the Broadcast Message Gateway can send a status report on successful broadcast of a broadcast message, by adding that if the receiving UE supports an MSGin5G Client, this UE can also send a delivery report.

**Decision:** The document was **revised to S6-223439**.

**S6-223439 Note on status reporting of broadcast message**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0083 rev 1 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

(Replaces S6-223110)

**Discussion:**

one2many presented the document S6-223439.

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

**S6-223111 Correction of Store and Forward procedures**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0084 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

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

**S6-223112 Resolution on Editor's Note on segmentation of Broadcast message**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0085 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

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

**S6-223113 Resolution on EN about UE type**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0086 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

**Abstract:**

The EN in clause 4.2.1 is removed, because the present CR assumes that the MSGin5G Server does not require knowledge of the UE type.

The MSGin5G Server does not have to resolve the delivery mechanism (i.e. UE type), hence the first bullet in 5.3.2.1 is removed.

Typo in next bullet (now first bullet).

Change text in 5.3.2.2 that the Server will check for availability and reachability in its repository and not for the end-point Service ID.

**Decision:** The document was **revised to S6-223441**.

**S6-223441 Resolution on EN about UE type**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0086 rev 1 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

(Replaces S6-223113)

**Discussion:**

one2many presented the document S6-223441.

Samsung suggested reverting the proposed deletion of the first bullet in clause 5.3.2.1.

**Decision:** The document was **revised to S6-223572**.

**S6-223572 Resolution on EN about UE type**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0086 rev 2 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

(Replaces S6-223441)

**Discussion:**

one2many presented the document S6-223572.

**Decision:** The document was **revised to S6-223592**.

**S6-223592 Resolution on EN about UE type**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0086 rev 3 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

(Replaces S6-223572)

**Discussion:**

one2many presented the document S6-223592.

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

**S6-223117 Resolution on Editor's Note on Priority IE for constrained devices**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0087 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

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

**S6-223123 Correction to clause 8.4.2**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0088 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

**Decision:** The document was **revised to S6-223442**.

**S6-223442 Correction to clause 8.4.2**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0088 rev 1 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

(Replaces S6-223123)

**Abstract:**

Add an Editor's Note to indicate that the procedure for message aggregation in combination with store and forward services is FFS.

**Discussion:**

one2many presented the document S6-223442.

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

**S6-223168 MSGin5G Message transmission**

*Type: CR For: Approval  
 23.554 v18.1.0 CR-0089 Cat: F (Rel-18)  
  
 Source: Huawei, HiSilicon*

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

**S6-223169 Rewording some steps in clause 8.4.2**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0090 Cat: F (Rel-18)  
  
 Source: Huawei, HiSilicon*

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

**S6-223171 MSGin5G Message transmission**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0091 Cat: F (Rel-18)  
  
 Source: Huawei, HiSilicon, China Mobile*

**Discussion:**

Huawei presented the document S6-223171.

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

**S6-223204 MSGin5G UE bulk Configuration over MSGin5G-6 reference point**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0092 Cat: B (Rel-18)  
  
 Source: China Mobile International Ltd*

**Abstract:**

The present contribution proposes adding the bulk configuration procedure for constrained device over MSGin5G-6 reference point to fulfil the second objective of the Rel-18 5GMARCH2 WID.

**Decision:** The document was **revised to S6-223443**.

**S6-223443 MSGin5G UE bulk Configuration over MSGin5G-6 reference point**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0092 rev 1 Cat: B (Rel-18)  
  
 Source: China Mobile International Ltd*

(Replaces S6-223204)

**Discussion:**

China Mobile presented the document S6-223443.

**Decision:** The document was **revised to S6-223516**.

**S6-223516 MSGin5G UE bulk Configuration over MSGin5G-6 reference point**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0092 rev 2 Cat: B (Rel-18)  
  
 Source: China Mobile International Ltd*

(Replaces S6-223443)

**Discussion:**

China Mobile presented the document S6-223516.

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

**S6-223205 usage of device triggering before store and forward**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0093 Cat: C (Rel-18)  
  
 Source: China Mobile International Ltd*

**Decision:** The document was **revised to S6-223440**.

**S6-223440 usage of device triggering before store and forward**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0093 rev 1 Cat: C (Rel-18)  
  
 Source: China Mobile International Ltd*

(Replaces S6-223205)

**Decision:** The document was **revised to S6-223591**.

**S6-223591 usage of device triggering before store and forward**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0093 rev 2 Cat: C (Rel-18)  
  
 Source: China Mobile International Ltd*

(Replaces S6-223440)

**Discussion:**

China Mobile presented the document S6-223591.

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

**S6-223206 remove EN in clause 8.9.2**

*Type: CR For: Agreement  
 23.554 v18.1.0 CR-0094 Cat: F (Rel-18)  
  
 Source: China Mobile International Ltd*

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

### 8.9 SNAAPP - Application enablement aspects for subscriber-aware northbound API access

**S6-223177 Additional CAPIF architectural requirements for SNA**

*Type: CR For: Agreement  
 23.222 v17.7.0 CR-0090 Cat: B (Rel-18)  
  
 Source: NTT DOCOMO*

**Abstract:**

SA6 has studied SNA requirements and solutions in TR 23.700-95. The architectural requirements for SNA, which are described in clause 5 in the TR, need to be incorporated into the CAPIF specification.

The present contribution proposes adding a new clause for SNA requirements.

**Discussion:**

NTT DOCOMO presented the document S6-223177.

Huawei suggested making the requirement [AR-4.X.2-c] more general.

**Decision:** The document was **revised to S6-223458**.

**S6-223458 Additional CAPIF architectural requirements for SNA**

*Type: CR For: Agreement  
 23.222 v17.7.0 CR-0090 rev 1 Cat: B (Rel-18)  
  
 Source: NTT DOCOMO*

(Replaces S6-223177)

**Discussion:**

NTT DOCOMO presented the document S6-223458.

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

**S6-223178 CAPIF business relationship updates for SNA**

*Type: CR For: Agreement  
 23.222 v17.7.0 CR-0091 Cat: B (Rel-18)  
  
 Source: NTT DOCOMO*

**Abstract:**

SA6 has re-evaluated the CAPIF business relationship for SNA use cases in TR 23.700-95. In this study, a new business stakeholder, i.e., resource owner, is introduced in the business relationship.

The business relationships of CAPIF is updated and related texts are added

**Discussion:**

NTT DOCOMO presented the document S6-223178.

Huawei suggested creating a dedicated clause for the proposal.

**Decision:** The document was **revised to S6-223459**.

**S6-223459 CAPIF business relationship updates for SNA**

*Type: CR For: Agreement  
 23.222 v17.7.0 CR-0091 rev 1 Cat: B (Rel-18)  
  
 Source: NTT DOCOMO*

(Replaces S6-223178)

**Discussion:**

NTT DOCOMO presented the document S6-223459.

Ericsson raised the question whether the term SNA should be changed. Discussion to be continued offline.

**Decision:** The document was **revised to S6-223549**.

**S6-223549 CAPIF business relationship updates for SNA**

*Type: CR For: Agreement  
 23.222 v17.7.0 CR-0091 rev 2 Cat: B (Rel-18)  
  
 Source: NTT DOCOMO*

(Replaces S6-223459)

**Discussion:**

NTT DOCOMO presented the document S6-223549.

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

**S6-223179 CAPIF functional model updates for SNA**

*Type: CR For: Agreement  
 23.222 v17.7.0 CR-0092 Cat: B (Rel-18)  
  
 Source: NTT DOCOMO*

**Abstract:**

SA6 has studied the CAPIF functional model for SNA in TR 23.700-95. The updated functional model is required to support SNA.

The CAPIF functional model for SNA and related texts are added.

**Discussion:**

NTT DOCOMO presented the document S6-223179.

Huawei did not think the figure was needed.

Further general discussion pursued over the proposal between e.g. AT&T, Huawei, Qualcomm and NTT DOCOMO to be continued offline.

**Decision:** The document was **revised to S6-223460**.

**S6-223460 CAPIF functional model updates for SNA**

*Type: CR For: Agreement  
 23.222 v17.7.0 CR-0092 rev 1 Cat: B (Rel-18)  
  
 Source: NTT DOCOMO*

(Replaces S6-223179)

**Discussion:**

NTT DOCOMO presented the document S6-223460.

The only change is replacing "end-users or subscribers" with "resource owners".

**Decision:** The document was **revised to S6-223512**.

**S6-223512 CAPIF functional model updates for SNA**

*Type: CR For: Agreement  
 23.222 v17.7.0 CR-0092 rev 2 Cat: B (Rel-18)  
  
 Source: NTT DOCOMO*

(Replaces S6-223460)

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

**S6-223180 API invoker obtaining authorization from resource owner**

*Type: CR For: Agreement  
 23.222 v17.7.0 CR-0093 Cat: B (Rel-18)  
  
 Source: NTT DOCOMO*

**Abstract:**

SA6 has studied the procedure for API invoker obtaining authorization from resource owner in TR 23.700-95. The procedure is needed to support SNA.

The procedure for API invoker obtaining authorization from resource owner is added.

**Discussion:**

NTT DOCOMO presented the document S6-223180.

**Decision:** The document was **revised to S6-223461**.

**S6-223461 API invoker obtaining authorization from resource owner**

*Type: CR For: Agreement  
 23.222 v17.7.0 CR-0093 rev 1 Cat: B (Rel-18)  
  
 Source: NTT DOCOMO*

(Replaces S6-223180)

**Discussion:**

NTT DOCOMO presented the document S6-223461.

**Decision:** The document was **revised to S6-223513**.

**S6-223513 API invoker obtaining authorization from resource owner**

*Type: CR For: Agreement  
 23.222 v17.7.0 CR-0093 rev 2 Cat: B (Rel-18)  
  
 Source: NTT DOCOMO*

(Replaces S6-223461)

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

**S6-223181 Discover a proper AEF with owner information**

*Type: CR For: Agreement  
 23.222 v17.7.0 CR-0094 Cat: B (Rel-18)  
  
 Source: NTT DOCOMO*

**Abstract:**

SA6 has studied the procedure to discover a proper AEF with owner information in TR 23.700-95. The procedure is needed to support SNA.

The procedure to discover a proper AEF with owner information is added.

**Discussion:**

NTT DOCOMO presented the document S6-223181.

**Decision:** The document was **revised to S6-223462**.

**S6-223462 Discover a proper AEF with owner information**

*Type: CR For: Agreement  
 23.222 v17.7.0 CR-0094 rev 1 Cat: B (Rel-18)  
  
 Source: NTT DOCOMO*

(Replaces S6-223181)

**Discussion:**

NTT DOCOMO presented the document S6-223462.

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

**S6-223182 Reducing resource owner consent inquiry in a nested API invocation**

*Type: CR For: Agreement  
 23.222 v17.7.0 CR-0095 Cat: B (Rel-18)  
  
 Source: NTT DOCOMO*

**Abstract:**

SA6 has studied the procedure to reduce resource owner consent inquiry in a nested API invocation in TR 23.700-95. The procedure is needed to support efficient API invocation in SNA.

The procedure to reduce resource owner consent inquiry in a nested API invocation is added.

**Discussion:**

NTT DOCOMO presented the document S6-223182.

**Decision:** The document was **revised to S6-223463**.

**S6-223463 Reducing resource owner consent inquiry in a nested API invocation**

*Type: CR For: Agreement  
 23.222 v17.7.0 CR-0095 rev 1 Cat: B (Rel-18)  
  
 Source: NTT DOCOMO*

(Replaces S6-223182)

**Discussion:**

NTT DOCOMO presented the document S6-223463.

It was suggested to rephrase "Access token".

Ericsson suggested removing resource owner client from the figure.

**Decision:** The document was **revised to S6-223514**.

**S6-223514 Reducing resource owner consent inquiry in a nested API invocation**

*Type: CR For: Agreement  
 23.222 v17.7.0 CR-0095 rev 2 Cat: B (Rel-18)  
  
 Source: NTT DOCOMO*

(Replaces S6-223463)

**Discussion:**

NTT DOCOMO presented the document S6-223514.

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

### 8.10 NSCALE - Network Slice Capability Exposure for Application Layer Enablement

**S6-223231 Discovery of management service exposure**

*Type: pCR For: Approval  
 23.435 v0.2.0  
 Source: Lenovo Future Communications*

(Replaces S6-222945)

**Abstract:**

This contribution proposes a new feature for supporting the discovery of MnS exposure, based on solution #8 of TR 23.700-99.

**Discussion:**

Lenovo presented the document S6-223231.

Ericsson made a remark that the positive and negative responses (step 2) as well as the "exposure level" referred to in clause 4.x should be further developed.

**Decision:** The document was **revised to S6-223449**.

**S6-223449 Discovery of management service exposure**

*Type: pCR For: Approval  
 23.435 v0.2.0  
 Source: Lenovo Future Communications*

(Replaces S6-223231)

**Discussion:**

Lenovo presented the document S6-223449.

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

**S6-223145 Pseudo-CR on add information flows and APIs of performance and analytics monitoring capability exposure**

*Type: pCR For: Approval  
 23.435 v0.3.0  
 Source: Huawei Technologies Co. Ltd.*

**Discussion:**

Huawei presented the document S6-223145.

China Mobile was of the view that step 3 would be better placed as step 5. Also the figure number should be corrected. They further suggested moving the Reason elements to as cause.

Lenovo did not see the need for the start and end time information elements.

Qualcomm noted that existing mechanisms should be used when possible even if data transported may vary.

Ericsson suggested to describe the reason why the two dedicated procedures are needed (if they are). They further raised doubts on whether VAL Endpoint and Security credentials IEs were needed (or alternatively include clarification for their need).

**Decision:** The document was **revised to S6-223450**.

**S6-223450 Pseudo-CR on add information flows and APIs of performance and analytics monitoring capability exposure**

*Type: pCR For: Approval  
 23.435 v0.3.0  
 Source: Huawei Technologies Co. Ltd.*

(Replaces S6-223145)

**Discussion:**

Huawei presented the document S6-223450.

Only change is correcting spelling errors.

**Decision:** The document was **revised to S6-223517**.

**S6-223517 Pseudo-CR on add information flows and APIs of performance and analytics monitoring capability exposure**

*Type: pCR For: Approval  
 23.435 v0.3.0  
 Source: Huawei Technologies Co. Ltd.*

(Replaces S6-223450)

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

**S6-223207 Update of the VAL server registration**

*Type: pCR For: Approval  
 23.435 v0.3.0  
 Source: China Mobile International Ltd*

**Abstract:**

This contribution is proposed to update the VAL server registration procedure in TS23.435 v0.3.0.

**Discussion:**

China Mobile International presented the document S6-223207.

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

**S6-223208 update of the Slice API configuration and translation**

*Type: pCR For: Approval  
 23.435 v0.3.0  
 Source: China Mobile International Ltd*

**Abstract:**

This contribution is proposed to update the Slice API configuration and translation procedure in TS23.435 v0.3.0.

**Discussion:**

China Mobile International presented the document S6-223208.

Ericsson requested (during the first presentation) more time to consider the contribution.

**Decision:** The document was **revised to S6-223477**.

**S6-223477 update of the Slice API configuration and translation**

*Type: pCR For: Approval  
 23.435 v0.3.0  
 Source: China Mobile International Ltd*

(Replaces S6-223208)

**Discussion:**

China Mobile International presented the document S6-223477.

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

**S6-223146 Discussion on VAL data collection management in NSCE function**

*Type: discussion For: Endorsement  
 Source: Huawei Technologies Co. Ltd.*

**Abstract:**

This contribution discusses the integration of SEAL architecture and Reference architecture for data collection and reporting defined in TS 26.531 and identify the service exposure of VAL UE data provisioning and data collection in SEAL architecture.

**Discussion:**

Huawei presented the document S6-223146.

Lenovo raised the question why VAL data collection for SEAL was needed in the first place. If needed, why does it need to be specific to slicing.

Ericsson seconded the comments of Lenovo.

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

**S6-223193 Interaction between the NSCE servers**

*Type: pCR For: (not specified)  
 23.435 v0.3.0  
 Source: China Mobile (Suzhou) Software*

**Abstract:**

This contribution provides procedure and information element for interaction between the NSCE servers.

**Discussion:**

China Mobile presented the document S6-223193.

Huawei suggested reusing the performance request procedure provided by NSCE to VAL server.

Ericsson requested for more time to review the paper and suggested offline discussion.

**Decision:** The document was **revised to S6-223452**.

**S6-223452 Interaction between the NSCE servers**

*Type: pCR For: -  
 23.435 v0.3.0  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-223193)

**Discussion:**

China Mobile presented the document S6-223452.

**Decision:** The document was **revised to S6-223556**.

**S6-223556 Interaction between the NSCE servers**

*Type: pCR For: -  
 23.435 v0.3.0  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-223452)

**Discussion:**

China Mobile presented the document S6-223556.

The only change is removing changes over changes.

**Decision:** The document was **revised to S6-223595**.

**S6-223595 Interaction between the NSCE servers**

*Type: pCR For: -  
 23.435 v0.3.0  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-223556)

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

**S6-223194 Update and correction of Application layer network slice lifecycle management**

*Type: pCR For: (not specified)  
 23.435 v0.3.0  
 Source: China Mobile (Suzhou) Software*

**Abstract:**

This contribution provides a update the procedure and information element of Application layer network slice lifecycle management.

**Discussion:**

China Mobile presented the document S6-223194.

Huawei pointed out some inconsistencies in the naming e.g. 9.4.3.2 title vs figure.

Ericsson requested for more time to review the paper and suggested offline discussion.

**Decision:** The document was **revised to S6-223453**.

**S6-223453 Update and correction of Application layer network slice lifecycle management**

*Type: pCR For: -  
 23.435 v0.3.0  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-223194)

**Discussion:**

China Mobile presented the document S6-223453.

The only change is to adding a mandatory IE (Information Element) "S-NSSAI(s)" in the table 9.4.3.5 to "Identify the interested network slice".

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

**S6-223557 Update and correction of Application layer network slice lifecycle management**

*Type: pCR For: -  
 23.435 v0.3.0  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-223453)

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

### 8.11 EDGEAPP\_Ph2 - Application Architecture for enabling Edge Applications Phase 2

**S6-223174 EEC triggering via SMS over NAS to perform service provisioning**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0138 Cat: B (Rel-18)  
  
 Source: Samsung*

**Abstract:**

KI#1 in FS\_eEDGEAPP is concluded to address, in the normative work, service provisioning triggering via SMS over NAS (utilizing application triggering specified in 3GPP TS 23.501). In this regard, this CR proposes how to enable EEC and ECS to enable such application triggering for the service provisioning procedure. This approach does not require EEC to persistently keep the session with ECS for receiving the updated EDN configuration information.

**Discussion:**

Samsung presented the contribution S6-223174.

Qualcomm suggested simplifying the proposal and referring to the respective clauses in 23.502.

**Decision:** The document was **revised to S6-223408**.

**S6-223408 EEC triggering via SMS over NAS to perform service provisioning**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0138 rev 1 Cat: B (Rel-18)  
  
 Source: Samsung*

(Replaces S6-223174)

**Discussion:**

Samsung presented the contribution S6-223408.

Huawei requested for more time to consider the proposal but already noted they would want to see an editor's note to be introduced.

Qualcomm raised some concern of the direction this revision has taken. Furthermore some of the references appeared to be wrong.

**Decision:** The document was **revised to S6-223560**.

**S6-223560 EEC triggering via SMS over NAS to perform service provisioning**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0138 rev 2 Cat: B (Rel-18)  
  
 Source: Samsung*

(Replaces S6-223408)

**Discussion:**

Samsung presented the contribution S6-223560.

**Decision:** The document was **revised to S6-223604**.

**S6-223604 EEC triggering via SMS over NAS to perform service provisioning**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0138 rev 3 Cat: B (Rel-18)  
  
 Source: Samsung*

(Replaces S6-223560)

**Discussion:**

Samsung presented the contribution S6-223604.

The only change is deleting "or EAS discovery request".

**Decision:** The document was **revised to S6-223621**.

**S6-223621 EEC triggering via SMS over NAS to perform service provisioning**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0138 rev 4 Cat: B (Rel-18)  
  
 Source: Samsung*

(Replaces S6-223604)

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

**S6-223167 Supporting Exposure of EAS Service APIs using CAPIF**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0137 Cat: B (Rel-18)  
  
 Source: ETRI, Uangel*

**Abstract:**

This CR proposes to add descriptions for supporting exposure of EAS Service APIs.

**Discussion:**

ETRI presented the contribution S6-223167.

Ericsson suggested updating the existing clause 8.5.2.

Samsung was not convinced that the proposed annex is needed as it was already covered elsewhere in the TS (even if not in one single place).

**Decision:** The document was **revised to S6-223409**.

**S6-223409 Supporting Exposure of EAS Service APIs using CAPIF**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0137 rev 1 Cat: B (Rel-18)  
  
 Source: ETRI, Uangel*

(Replaces S6-223167)

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

**S6-223242 Update ACR scenarios with ACR parameter procedure**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0145 Cat: B (Rel-18)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

The ACR scenarios are updated to include the ACR parameters and ACR parameter procedure when applicable.

**Discussion:**

ETRI presented the contribution S6-223242.

Convida Wireless suggested adding the proposal to EEC context (procedure).

Ericsson was of the view that the change to the procedure was not needed.

Qualcomm shared the view of Ericsson and noted that the proposed added step 6 was not needed.

It was noted that S6-223242, S6-223243 and S6-223244 are dependent on each other.

**Decision:** The document was **revised to S6-223410**.

**S6-223410 Update ACR scenarios with ACR parameter procedure**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0145 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei, HiSilicon*

(Replaces S6-223242)

**Discussion:**

Huawei presented the contribution S6-223410.

The only changes are adding an editor's note stating "It is for FFS whether this procedure can be merged with the EEC context relocation" after steps 4b) clause 8.8.2.3 and 5b) clause 8.8.2.5.

**Decision:** The document was **revised to S6-223599**.

**S6-223599 Update ACR scenarios with ACR parameter procedure**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0145 rev 2 Cat: B (Rel-18)  
  
 Source: Huawei, HiSilicon*

(Replaces S6-223410)

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

**S6-223243 Update ACR management notification to include ACR parameters**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0146 Cat: B (Rel-18)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

The ACR management notification is updated, so that ACT start event optionally includes the ACR parameters.

**Discussion:**

Huawei presented the contribution S6-223243.

**Decision:** The document was **revised to S6-223411**.

**S6-223411 Update ACR management notification to include ACR parameters**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0146 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei, HiSilicon*

(Replaces S6-223243)

**Discussion:**

Huawei presented the document S6-223411.

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

**S6-223244 Addition of prediction expiration time IE and ACR information procedure**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0126 rev 2 Cat: B (Rel-18)  
  
 Source: Huawei, HiSilicon*

(Replaces S6-222949)

**Abstract:**

In rev 2 of the CR, two Editor’s notes are deleted, and the event of ACR management notification is clarified.

**Discussion:**

Huawei presented the contribution S6-223244.

**Decision:** The document was **revised to S6-223412**.

**S6-223412 Addition of prediction expiration time IE and ACR information procedure**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0126 rev 3 Cat: B (Rel-18)  
  
 Source: Huawei, HiSilicon*

(Replaces S6-223244)

**Discussion:**

Huawei presented the document S6-223412.

Only changes are:

- restoring the currently highlighted Editor's note in front of Change 3,

- removing text highlights and

- to correcting revision number on the cover page.

**Decision:** The document was **revised to S6-223505**.

**S6-223505 Addition of prediction expiration time IE and ACR information procedure**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0126 rev 4 Cat: B (Rel-18)  
  
 Source: Huawei, HiSilicon*

(Replaces S6-223412)

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

**S6-223314 ACR request trigger timing**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0130 rev 1 Cat: B (Rel-18)  
  
 Source: KPN N.V.*

(Replaces S6-222740)

**Abstract:**

S6-222740 ACR request trigger timing is agreed upon during the SA5#51e meeting. This adds more description to the "General context holding time" based on the FS\_eEDGEAPP study that this time can be determined specific to the EASID since different EAS with

**Discussion:**

KPN N.V. presented the document S6-223314.

It was suggested to mover the " It can be determined depending on the EASID." out from the table.

**Decision:** The document was **revised to S6-223413**.

**S6-223413 ACR request trigger timing**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0130 rev 2 Cat: B (Rel-18)  
  
 Source: KPN N.V.*

(Replaces S6-223314)

**Discussion:**

KPN presented the document S6-223413.

It was noted that the cover page should have no revision marks.

Also the note in Table 8.2.4-1 should not be numbered.

Only changes are:

- replacing NOTE 1 with NOTE in Table 8.2.4-1,

- removing revision marks on the cover page and

- rephrase the note to read as follows "Since the EASID of the EAS identifies the type of the application (e.g. SA6Video, SA6Game etc) as described in clause 7.2.4, "General context holding time duration" determined by EAS can depend on the EASID (type of the application). " and

- in the "General context holding time" IE rephrase the name to read "General context holding time duration" as well as in the description replace "time" to "time duration".

**Decision:** The document was **revised to S6-223518**.

**S6-223518 ACR request trigger timing**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0130 rev 3 Cat: B (Rel-18)  
  
 Source: KPN N.V.*

(Replaces S6-223413)

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

**S6-223239 ACR update in service continuity planning**

*Type: CR For: Approval  
 23.558 v18.0.0 CR-0142 Cat: B (Rel-18)  
  
 Source: Lenovo Future Communications*

**Abstract:**

The contribution proposes adding clause 8.8.1.x describing the ACR update in SCP, and 8.8.3.x.1 and 8.8.3.x.2 for the EEC-based and EES-based ACR modifications accordingly.

Finally new information flows related to the new procedures are introduced.

**Discussion:**

Lenovo presented the document S6-223239.

**Decision:** The document was **revised to S6-223414**.

**S6-223414 ACR update in service continuity planning**

*Type: CR For: Approval  
 23.558 v18.0.0 CR-0142 rev 1 Cat: B (Rel-18)  
  
 Source: Lenovo Future Communications*

(Replaces S6-223239)

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

**S6-223275 Resolve ENs on EES monitoring the UE mobility for service continuity planning**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0148 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Resolve ENs on EES monitoring the UE mobility for service continuity planning

**Discussion:**

Huawei presented the document S6-223275.

It was noted that the CR in fact should be a revision of S6-223037 (CR0134r2) agreed in SA6#51.

**Decision:** The document was **revised to S6-223415**.

**S6-223415 Resolve ENs on EES monitoring the UE mobility for service continuity planning**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0148 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-223275)

**Discussion:**

Huawei presented the document S6-223415.

It was noted that the highlighting should be removed.

Ericsson suggested sending proposal for rephrased editor's note offline.

**Decision:** The document was **revised to S6-223519**.

**S6-223519 Resolve ENs on EES monitoring the UE mobility for service continuity planning**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0148 rev 2 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-223415)

**Discussion:**

Huawei presented the document S6-223519.

**Decision:** The document was **revised to S6-223561**.

**S6-223561 Resolve ENs on EES monitoring the UE mobility for service continuity planning**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0148 rev 3 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-223519)

**Decision:** The document was **revised to S6-223585**.

**S6-223585 Resolve ENs on EES monitoring the UE mobility for service continuity planning**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0148 rev 4 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-223561)

**Discussion:**

Huawei presented the document S6-223585.

The only changes are:

- reverting changes to the Event ID IE in table 8.6.3.3.4-1,

- replacing "monitoe" with "monitor" in clause 8.8.2.3. step 4 and

- removing changes on changes.

**Decision:** The document was **revised to S6-223616**.

**S6-223616 Resolve ENs on EES monitoring the UE mobility for service continuity planning**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0148 rev 5 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-223585)

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

**S6-223127 Dynamic EAS instantiation enhancements**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0136 Cat: B (Rel-18)  
  
 Source: InterDigital*

**Abstract:**

Dynamic EAS instantiation enhancements.

**Discussion:**

InterDigital presented the document S6-223127.

**Decision:** The document was **revised to S6-223468**.

**S6-223468 Dynamic EAS instantiation enhancements**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0136 rev 1 Cat: B (Rel-18)  
  
 Source: InterDigital*

(Replaces S6-223127)

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

**S6-223126 ACR scenario combination**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0123 rev 3 Cat: B (Rel-18)  
  
 Source: InterDigital, Samsung*

(Replaces S6-222886)

**Abstract:**

ACR scenario combination feature

**Discussion:**

InterDigital presented the document S6-223126.

Huawei was of the view that the description requires more information. They further suggested deleting the last 3 IEs in Table 8.x.3.2-1.

**Decision:** The document was **revised to S6-223484**.

**S6-223484 ACR scenario combination**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0123 rev 4 Cat: B (Rel-18)  
  
 Source: InterDigital, Samsung*

(Replaces S6-223126)

**Discussion:**

InterDigital presented the document S6-223484.

**Decision:** The document was **revised to S6-223520**.

**S6-223520 ACR scenario combination**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0123 rev 5 Cat: B (Rel-18)  
  
 Source: InterDigital, Samsung*

(Replaces S6-223484)

**Discussion:**

InterDigital presented the document S6-223520.

**Decision:** The document was **revised to S6-223534**.

**S6-223534 ACR scenario combination**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0123 rev 6 Cat: B (Rel-18)  
  
 Source: InterDigital, Samsung, Huawei*

(Replaces S6-223520)

**Discussion:**

InterDigital presented the document S6-223534.

\*\*

NOTE: Remove cover page change marks

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

**S6-223210 AF traffic influence for a given EAS**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0140 Cat: B (Rel-18)  
  
 Source: Samsung*

**Abstract:**

Introducing ways of issuing AF traffic influence to configure the UP path toward an EAS.

**Discussion:**

Samsung presented the document S6-223210.

**Decision:** The document was **revised to S6-223482**.

**S6-223482 AF traffic influence for a given EAS**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0140 rev 1 Cat: B (Rel-18)  
  
 Source: Samsung*

(Replaces S6-223210)

**Discussion:**

Samsung presented the document S6-223482.

**Decision:** The document was **revised to S6-223603**.

**S6-223603 AF traffic influence for a given EAS**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0140 rev 2 Cat: B (Rel-18)  
  
 Source: Samsung*

(Replaces S6-223482)

**Discussion:**

Samsung presented the document S6-223603.

The only change is to update the note to read "For registered EAS(s) the EES can request AF traffic included for any UE, which is implementation specific.

**Decision:** The document was **revised to S6-223623**.

**S6-223623 AF traffic influence for a given EAS**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0140 rev 3 Cat: B (Rel-18)  
  
 Source: Samsung*

(Replaces S6-223603)

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

**S6-223272 EAS instantiation status provisioned by ECS**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0147 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for EAS instantiation status provisioned by ECS

**Discussion:**

Huawei presented the document S6-223272.

Ericsson suggested making the changes in clause 8.3.3.

**Decision:** The document was **revised to S6-223479**.

**S6-223479 EAS instantiation status provisioned by ECS**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0147 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-223272)

**Discussion:**

Huawei presented the document S6-223479.

**Decision:** The document was **revised to S6-223564**.

**S6-223564 EAS instantiation status provisioned by ECS**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0147 rev 2 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-223479)

**Decision:** The document was **revised to S6-223584**.

**S6-223584 EAS instantiation status provisioned by ECS**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0147 rev 3 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-223564)

**Decision:** The document was **revised to S6-223589**.

**S6-223589 EAS instantiation status provisioned by ECS**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0147 rev 4 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-223584)

**Decision:** The document was **revised to S6-223598**.

**S6-223598 EAS instantiation status provisioned by ECS**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0147 rev 5 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon, InterDigital*

(Replaces S6-223589)

**Discussion:**

Huawei presented the document S6-223598.

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

**S6-223273 EES determines the selected ACR scenario**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0133 rev 2 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-222991)

**Abstract:**

Proposal for EES determines the selected ACR scenario.

**Discussion:**

Huawei presented the document S6-223273.

It was suggested to merge the present proposal with S6-223126.

There was also discussion on whether the triggering of the scenario needs to be described.

**Decision:** The document was **revised to S6-223483**.

**S6-223483 EES determines the selected ACR scenario**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0133 rev 3 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-223273)

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

**S6-223274 Traffic influence for initial EAS discovery**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0135 rev 2 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-222993)

**Abstract:**

Proposal for Traffic influence for initial EAS discovery.

**Discussion:**

Huawei presented the document S6-223274.

**Decision:** The document was **revised to S6-223480**.

**S6-223480 Traffic influence for initial EAS discovery**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0135 rev 3 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-223274)

**Discussion:**

Huawei presented the document S6-223480.

**Decision:** The document was **revised to S6-223602**.

**S6-223602 Traffic influence for initial EAS discovery**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0135 rev 4 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-223480)

**Discussion:**

Huawei presented the document S6-223602.

Samsung suggested replacing "AC high requirement or EAS high requirement with "AC high profile or EAS high profile".

**Decision:** The document was **revised to S6-223622**.

**S6-223622 Traffic influence for initial EAS discovery**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0135 rev 5 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-223602)

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

**S6-223565 Wrong doc made available**

*Type: other For: Information  
 Source: -*

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

**S6-223190 eEDGE\_Application traffic influence trigger from EAS**

*Type: CR For: Approval  
 23.558 v18.0.0 CR-0139 Cat: B (Rel-18)  
  
 Source: China Mobile (Suzhou) Software*

**Abstract:**

As per conclusion of TR 23.700-98 solution #9, the procedure and information element for Application traffic influence trigger from EAS are to be addressed in the normative work.

The present contribution proposes information flows for the procedure (in 8.x.6).

**Discussion:**

China Mobile presented document S6-223190.

Ericsson pointed out some cover page issues.

**Decision:** The document was **revised to S6-223481**.

**S6-223481 eEDGE\_Application traffic influence trigger from EAS**

*Type: CR For: Approval  
 23.558 v18.0.0 CR-0139 rev 1 Cat: B (Rel-18)  
  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-223190)

**Discussion:**

Huawei presented the document S6-223481.

The only change is applying correct styles (e.g. on headings).

**Decision:** The document was **revised to S6-223566**.

**S6-223566 eEDGE\_Application traffic influence trigger from EAS**

*Type: CR For: Approval  
 23.558 v18.0.0 CR-0139 rev 2 Cat: B (Rel-18)  
  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-223481)

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

**S6-223317 EDGE-5 - AC registration**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0149 Cat: B (Rel-18)  
  
 Source: Qualcomm*

**Abstract:**

The present CR provides:

- AC registration update and deregistration procedures.

- Information flows related to AC registration, registration update and deregistration.

**Discussion:**

Qualcomm presented the document S6-223317.

**Decision:** The document was **revised to S6-223464**.

**S6-223464 EDGE-5 - AC registration**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0149 rev 1 Cat: B (Rel-18)  
  
 Source: Qualcomm*

(Replaces S6-223317)

**Discussion:**

Qualcomm presented the document S6-223464.

**Decision:** The document was **revised to S6-223562**.

**S6-223562 EDGE-5 - AC registration**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0149 rev 2 Cat: B (Rel-18)  
  
 Source: Qualcomm*

(Replaces S6-223464)

**Discussion:**

Qualcomm presented the document S6-223562.

The only change is adding an editor's note at the end of clause 8.14.2.2.1 stating "Whether the AC registration is mandatory or optional if FFS. Based on the conclusion , the related procedures between AC and EEC may require updates."

**Decision:** The document was **revised to S6-223596**.

**S6-223596 EDGE-5 - AC registration**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0149 rev 3 Cat: B (Rel-18)  
  
 Source: Qualcomm*

(Replaces S6-223562)

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

**S6-223318 EDGE-5 - EAS discovery**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0150 Cat: B (Rel-18)  
  
 Source: Qualcomm*

**Abstract:**

With this CR:

- AC profile is made mandatory in the request as EEC requires at least ACID to process the request.

- Information flows for EAS discovery request and response are added.

**Discussion:**

Qualcomm presented the document S6-223318.

**Decision:** The document was **revised to S6-223465**.

**S6-223465 EDGE-5 - EAS discovery**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0150 rev 1 Cat: B (Rel-18)  
  
 Source: Qualcomm*

(Replaces S6-223318)

**Discussion:**

Qualcomm presented the document S6-223465.

\*\*

NOTE: CR# should be 4 digit

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

**S6-223319 EDGE-5 - ACR**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0151 Cat: B (Rel-18)  
  
 Source: Qualcomm*

**Abstract:**

With this CR:

- S-EAS information is added in the ACR request

- Details of the ACR response are added

- Information flows for ACR request and ACR response are added.

**Discussion:**

Qualcomm presented the document S6-223319.

The content in terms of IEs of the ACR response was discussed.

**Decision:** The document was **revised to S6-223466**.

**S6-223466 EDGE-5 - ACR**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0151 rev 1 Cat: B (Rel-18)  
  
 Source: Qualcomm*

(Replaces S6-223319)

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

**S6-223320 EDGE-5 - Subscription**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0152 Cat: B (Rel-18)  
  
 Source: Qualcomm*

**Abstract:**

This CR provides:

- EEC services subscription update and unsubscribe procedures.

- Information flows related to EEC services subscription, notification, subscription update and unsubscribe.

- Changes ‘AC subscription’ to ‘EEC services subscription’ as the term ’AC subscription’ is not clear and arguably wrong – it is not clear that the AC is subscribing to EEC.

**Discussion:**

Qualcomm presented the document S6-223320.

**Decision:** The document was **revised to S6-223467**.

**S6-223467 EDGE-5 - Subscription**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0152 rev 1 Cat: B (Rel-18)  
  
 Source: Qualcomm*

(Replaces S6-223320)

**Discussion:**

Qualcomm presented the document S6-223467.

**Decision:** The document was **revised to S6-223563**.

**S6-223563 EDGE-5 - Subscription**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0152 rev 2 Cat: B (Rel-18)  
  
 Source: Qualcomm*

(Replaces S6-223467)

**Discussion:**

Qualcomm presented the document S6-223563.

The only changes are:

- adding an editor's note in clause 8.14.2.5.1 stating "In the information flows the details of EAS information is FFS.

- correcting the CR# to 4 digits

**Decision:** The document was **revised to S6-223597**.

**S6-223597 EDGE-5 - Subscription**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0152 rev 3 Cat: B (Rel-18)  
  
 Source: Qualcomm*

(Replaces S6-223563)

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

**S6-223321 Updates to involved entities and relationships**

*Type: CR For: Agreement  
 23.558 v18.0.0 CR-0153 Cat: B (Rel-18)  
  
 Source: Qualcomm*

**Abstract:**

Involved entities and relationships need to be updated to account for federation and roaming.

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

### 8.12 EDGEAPP\_EXT - Edge Application Standards in 3GPP and alignment with External Organizations

### 8.13 UASAPP\_Ph2 - Architecture for UAS Applications, Phase 2

### 8.14 SEALDD - SEAL data delivery enabler for vertical applications

**S6-223203 update of the TS23433 Annex B**

*Type: pCR For: Approval  
 23.433 v0.1.0  
 Source: China Mobile International Ltd*

**Decision:** The document was **revised to S6-223432**.

**S6-223432 Update of the TS23433 Annex B**

*Type: pCR For: Approval  
 23.433 v0.1.0  
 Source: China Mobile International Ltd*

(Replaces S6-223203)

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

**S6-223269 Data storage creation**

*Type: pCR For: Approval  
 23.433 v0.1.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Data storage creation.

**Decision:** The document was **revised to S6-223428**.

**S6-223428 Data storage creation**

*Type: pCR For: Approval  
 23.433 v0.1.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223269)

**Discussion:**

Huawei presented the document S6-223428.

The only change is replacing in step two Figure 9.x.2.3-1 "Processing request" with "Process request"

**Decision:** The document was **revised to S6-223568**.

**S6-223568 Data storage creation**

*Type: pCR For: Approval  
 23.433 v0.1.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223428)

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

**S6-223270 Resolve EN for E2E redundant transmission**

*Type: pCR For: Approval  
 23.433 v0.1.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Resolve EN for E2E redundant transmission

**Decision:** The document was **revised to S6-223433**.

**S6-223433 Resolve EN for E2E redundant transmission**

*Type: pCR For: Approval  
 23.433 v0.1.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223270)

**Discussion:**

Huawei presented the document S6-223433.

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

**S6-223271 Resolve EN for regular connection establishment**

*Type: pCR For: Approval  
 23.433 v0.1.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Resolve EN for regular connection establishment

**Decision:** The document was **revised to S6-223434**.

**S6-223434 Resolve EN for regular connection establishment**

*Type: pCR For: Approval  
 23.433 v0.1.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223271)

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

### 8.15 eV2XAPP2\_Ph2 - Enhancements to application layer support for V2X services Phase 2

**S6-223234 Support for VRU zone configuration and operation**

*Type: CR For: Agreement  
 23.286 v17.4.0 CR-0074 Cat: B (Rel-18)  
  
 Source: Lenovo Future Communications*

**Abstract:**

In TR 23.700-64, Solution #2 was concluded to be considered for the eV2XAPP\_ph3 normative phase. This contribution provides the procedures, information flows and requirements for the new VAE layer feature related to VRU zone configuration.

In TR 23.700-64, Solution #2 was concluded to be considered for the eV2XAPP\_ph3 normative phase. This contribution provides the procedures, information flows and requirements for the new VAE layer feature related to VRU zone configuration.

**Discussion:**

Lenovo presented the contribution S6-223234.

Huawei suggested clarifying e.g. the following Information Element descriptions; Triggering criteria and List of VAL UE ID(s). Furthermore they suggested rewording the use of "zone creation" as the zones have already been created.

**Decision:** The document was **revised to S6-223392**.

**S6-223392 Support for VRU zone configuration and operation**

*Type: CR For: Agreement  
 23.286 v17.4.0 CR-0074 rev 1 Cat: B (Rel-18)  
  
 Source: Lenovo Future Communications*

(Replaces S6-223234)

**Discussion:**

Lenovo presented the document S6-223392.

Only changes are:

- deleting "Clauses" from the Clauses affected. And

- correcting the typo by replacing "..generate ans send a notification.." with "..generate and send a notification..".

**Decision:** The document was **revised to S6-223569**.

**S6-223569 Support for VRU zone configuration and operation**

*Type: CR For: Agreement  
 23.286 v17.4.0 CR-0074 rev 2 Cat: B (Rel-18)  
  
 Source: Lenovo Future Communications*

(Replaces S6-223392)

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

### 8.16 ADAES - Application Data Analytics Enablement Service

**S6-223232 ADAE functional architecture**

*Type: pCR For: Approval  
 23.436 v0.1.0  
 Source: Lenovo Future Communications*

**Abstract:**

This paper presents the ADAE (Application Data Analytics Enabler) functional architecture based on TR 23.700-36.

**Discussion:**

Lenovo presented the document S6-223232.

**Decision:** The document was **revised to S6-223454**.

**S6-223454 ADAE functional architecture**

*Type: pCR For: Approval  
 23.436 v0.1.0  
 Source: Lenovo Future Communications*

(Replaces S6-223232)

**Discussion:**

Lenovo presented the document S6-223454.

Only change is replacing "5.2.1-1" with "5.2-1".

**Decision:** The document was **revised to S6-223494**.

**S6-223494 ADAE functional architecture**

*Type: pCR For: Approval  
 23.436 v0.1.0  
 Source: Lenovo Future Communications*

(Replaces S6-223454)

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

**S6-223235 Support for VAL performance analytics**

*Type: pCR For: Approval  
 23.436 v0.1.0  
 Source: Lenovo Future Communications*

**Abstract:**

New feature on supporting VAL (Vertical Application Layer) performance analytics based on Sol#1 of 23.700-36

**Discussion:**

Lenovo presented the document S6-223235.

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

**S6-223236 Support for UE to UE session analytics**

*Type: pCR For: Approval  
 23.436 v0.1.0  
 Source: Lenovo Future Communications*

**Abstract:**

New feature on supporting UE to UE session analytics.

**Discussion:**

Lenovo presented the document S6-223236.

**Decision:** The document was **revised to S6-223455**.

**S6-223455 Support for UE to UE session analytics**

*Type: pCR For: Approval  
 23.436 v0.1.0  
 Source: Lenovo Future Communications*

(Replaces S6-223236)

**Discussion:**

Lenovo presented the document S6-223455.

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

**S6-223237 Support for slice related performance analytics**

*Type: pCR For: Approval  
 23.436 v0.1.0  
 Source: Lenovo Future Communications*

**Abstract:**

New feature - Support for slice related performance analytics.

**Discussion:**

Lenovo presented the document S6-223237.

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

**S6-223238 Support for location accuracy analytics**

*Type: pCR For: Approval  
 23.436 v0.1.0  
 Source: Lenovo Future Communications*

**Abstract:**

New feature - Support for location accuracy analytics

**Discussion:**

Lenovo presented the document S6-223238.

An error in the clause title was pointed out.

**Decision:** The document was **revised to S6-223456**.

**S6-223456 Support for location accuracy analytics**

*Type: pCR For: Approval  
 23.436 v0.1.0  
 Source: Lenovo Future Communications*

(Replaces S6-223238)

**Discussion:**

Lenovo presented the document S6-223456.

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

**S6-223233 ADAE functional model in SEAL architecture**

*Type: CR For: Agreement  
 23.434 v18.2.0 CR-0138 Cat: B (Rel-18)  
  
 Source: Lenovo Future Communications*

**Abstract:**

The new SEAL service, namely ADAES, which is introduced in TS 23.436 / TR 23.700-36, requires the addition of a new clause on the architecture in SEAL spec.

The present contribution proposes adding of a new clause (clause 17) related to the new ADAE layer, and in particular the functional model.

**Discussion:**

Lenovo presented the document S6-223233.

It was pointed out that Clauses affected were missing.

**Decision:** The document was **revised to S6-223457**.

**S6-223457 ADAE functional model in SEAL architecture**

*Type: CR For: Agreement  
 23.434 v18.2.0 CR-0138 rev 1 Cat: B (Rel-18)  
  
 Source: Lenovo Future Communications*

(Replaces S6-223233)

**Discussion:**

Lenovo presented the document S6-223457.

Only change is to check the "Core network" tick box on the cover page.-

**Decision:** The document was **revised to S6-223495**.

**S6-223495 ADAE functional model in SEAL architecture**

*Type: CR For: Agreement  
 23.434 v18.2.0 CR-0138 rev 2 Cat: B (Rel-18)  
  
 Source: Lenovo Future Communications*

(Replaces S6-223457)

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

### 8.17 5GFLS - 5G-enabled fused location service capability exposure (Plenary Approval at SA#98)

### 8.18 MC\_AHGC - Mission Critical ad hoc group Communications (Plenary Approval at SA#98)

**S6-223151 Description for the terms used in the Ad hoc Group Communication procedures**

*Type: CR For: Agreement  
 23.379 v18.3.0 CR-0322 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute India*

**Abstract:**

Using "DUMMY" as the "MC\_AHGC" WID is pending for plenary Approval at SA#98

**Decision:** The document was **revised to S6-223346**.

**S6-223346 Description for the terms used in the Ad hoc Group Communication procedures**

*Type: CR For: Agreement  
 23.379 v18.3.0 CR-0322 rev 1 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute India*

(Replaces S6-223151)

**Discussion:**

Samsung presented the document S6-223346.

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

**S6-223152 Information flows for the ad hoc group call**

*Type: CR For: Agreement  
 23.379 v18.3.0 CR-0323 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute India*

**Abstract:**

The TR 23.700-76 V1.3.0 has defined the information flows for the adhoc group communication. The conclusion in the clause 9 for the Key issue #1 indicates that the information flows in the clause 7.1.2 of solution 1 is agreed without the “AHGC share security material command”, and excluding the “MC service ad hoc group ID” & “Preconfigured ad hoc group identity” IEs from the ad hoc group communication request from the MCPTT client to the MCPTT server. This CR is trying to propose the corresponding normative text in the normative work phase.

The present contribution proposes adding the new clause to provide the information flows and procedures for the adhoc group call.

Addition of the information flows as defined in the clause 7.1.2 of TR 23.700-76 V1.3.0 into new clause 10.19 of TS 23.379 as a normative text.

The information flows between MCPTT servers for “Ad hoc group call request” and “Ad hoc group call response” are added which were missing in the TR 23.700-76 V1.3.0.

**Discussion:**

Samsung presented the document S6-223152.

NOTE: "DUMMY" WID (on 3GU) as the "MC\_AHGC" WID is pending for plenary Approval at SA#98.

**Decision:** The document was **revised to S6-223347**.

**S6-223347 Information flows for the ad hoc group call**

*Type: CR For: Agreement  
 23.379 v18.3.0 CR-0323 rev 1 Cat: B (Rel-18)  
  
 Source: Samsung, Kontron Transportation France, Motorola Solutions*

(Replaces S6-223152)

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

**S6-223153 Ad hoc group call procedures in single MCPTT system**

*Type: CR For: Agreement  
 23.379 v18.3.0 CR-0324 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute India*

**Abstract:**

The TR 23.700-76 V1.3.0 has defined the procedures for the adhoc group call in single system. The conclusion in the clause 9 for the Key issue #1 indicates that the procedures in the clause 7.1.3.1 of solution 1 are agreed. This CR is trying to propose the corresponding normative text in the normative work phase.

The present contribution proposes adding the new clauses to provide the procedures for the adhoc group call.

Addition of the procedures as defined in the clause 7.1.3.1 of TR 23.700-76 V1.3.0 into new clause 10.19.2.3 of TS 23.379 as a normative text.

**Discussion:**

Samsung presented the document S6-223153.

NOTE: "DUMMY" WID (on 3GU) as the "MC\_AHGC" WID is pending for plenary Approval at SA#98.

**Decision:** The document was **revised to S6-223536**.

**S6-223536 Ad hoc group call procedures in single MCPTT system**

*Type: CR For: Agreement  
 23.379 v18.3.0 CR-0324 rev 1 Cat: B (Rel-18)  
  
 Source: Samsung, Kontron Transportation France, Motorola Solutions*

(Replaces S6-223153)

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

**S6-223154 Ad hoc group call procedures in multiple MCPTT system**

*Type: CR For: Agreement  
 23.379 v18.3.0 CR-0325 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute India*

**Abstract:**

The TR 23.700-76 V1.3.0 has defined the procedures for the adhoc group call in multiple MCPTT system. The conclusion in the clause 9 for the Key issue #1 indicates that the procedures in the clause 7.1.3.2 of solution 1 are agreed. This CR is trying to propose the corresponding normative text in the normative work phase.

The present contribution proposes adding the new clauses to provide the procedures for the adhoc group call.

Addition of the procedures as defined in the clause 7.1.3.2 of TR 23.700-76 V1.3.0 into new clauses 10.19.2.4 of TS 23.379 as a normative text.

**Discussion:**

Samsung presented the document S6-223154.

NOTE: "DUMMY" WID used as the "MC\_AHGC" WID is pending for plenary Approval at SA#98.

**Decision:** The document was **revised to S6-223348**.

**S6-223348 Ad hoc group call procedures in multiple MCPTT system**

*Type: CR For: Agreement  
 23.379 v18.3.0 CR-0325 rev 1 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute India*

(Replaces S6-223154)

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

**S6-223155 Modifying participants list of on-going ad hoc group call in single MCPTT system**

*Type: CR For: Agreement  
 23.379 v18.3.0 CR-0326 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute India*

**Abstract:**

The TR 23.700-76 V1.3.0 has defined the procedures for modifying participants list of on-going ad hoc group call. The conclusion in the clause 9 for the Key issue #4 indicates that the procedures in the clause 7.4 of solution 4 are agreed. This CR is trying to propose the corresponding normative text in the normative work phase.

The present contribution proposes adding the new clauses to provide the procedures for modifying participants list of on-going ad hoc group call.

Addition of the procedures as defined in the clause 7.4 of TR 23.700-76 V1.3.0 into new clauses 10.19.2.2.13 to 10.19.2.2.16 and 10.19.2.3.4 to 10.19.2.3.5 of TS 23.379 as a normative text.

**Discussion:**

Samsung presented the document S6-223155.

NOTE: "DUMMY" WID used as the "MC\_AHGC" WID is pending for plenary Approval at SA#98.

**Decision:** The document was **revised to S6-223349**.

**S6-223349 Modifying participants list of on-going ad hoc group call in single MCPTT system**

*Type: CR For: Agreement  
 23.379 v18.3.0 CR-0326 rev 1 Cat: B (Rel-18)  
  
 Source: Samsung, Kontron Transportation France, Motorola Solutions*

(Replaces S6-223155)

**Discussion:**

Samsung presented the document S6-223349.

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

**S6-223156 Configuration parameters for Ad hoc group call**

*Type: CR For: Agreement  
 23.379 v18.3.0 CR-0327 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute India*

**Abstract:**

The TR 23.700-76 V1.3.0 has defined the configuration parameters required for the adhoc group call. The conclusion in the clause 9 for the Key issue #3 indicates that the configuration parameters provided in the clause 7.3 of solution 3 are agreed. This CR is trying to propose the corresponding normative text in the normative work phase.

The contribution proposes adding newly proposed configuration parameters of adhoc group call to existing Annexes:

“A.3 MCPTT user profile configuration data” and

“A.5 MCPTT service configuration data”.

Addition of the configuration parameters as defined in the clause 7.3.2 and 7.3.3 of TR 23.700-76 V1.3.0 into new existing Annexes A.5 and A.3 respectively of TS 23.379 as a normative text.

**Discussion:**

Samsung presented the document S6-223156.

NOTE: "DUMMY" WID used as the "MC\_AHGC" WID is pending for plenary Approval at SA#98.

**Decision:** The document was **revised to S6-223350**.

**S6-223350 Configuration parameters for Ad hoc group call**

*Type: CR For: Agreement  
 23.379 v18.3.0 CR-0327 rev 1 Cat: B (Rel-18)  
  
 Source: Samsung, Kontron Transportation France, Motorola Solutions*

(Replaces S6-223156)

**Discussion:**

Samsung presented the document S6-223350.

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

**S6-223268 Ad hoc group call procedures**

*Type: CR For: Agreement  
 23.379 v18.3.0 CR-0328 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Ad hoc group call procedures

**Discussion:**

Huawei presented the document S6-223268.

**Decision:** The document was **revised to S6-223351**.

**S6-223351 Ad hoc group call procedures**

*Type: CR For: Agreement  
 23.379 v18.3.0 CR-0328 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-223268)

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

### 8.19 TEI18 - Technical Enhancements and Improvements for Release 18

**S6-223196 Updates to 23.222 to enable stage 3 CAPIF extensions**

*Type: discussion For: Information  
 23.222 v..  
 Source: Nokia, Nokia Shanghai Bell, Apple, Intel, Huawei*

**Abstract:**

In LS S6-222714, ETSI ISG MEC has requested 3GPP to add a protocol-level extensibility mechanism. This discussion paper describes the needed extensions and motivates a proposed way forward.

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

**S6-223199 CAPIF extensibility as requested by ETSI ISG MEC**

*Type: CR For: Agreement  
 23.222 v17.7.0 CR-0096 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, Apple, Intel, Huawei*

**Abstract:**

The CR updates the service publication / discovery requirements to call out extensibility of data model and query mechanisms as requirement. It further updates the API guidelines such that also non-REST / non-resource-based are enabled.

**Decision:** The document was **revised to S6-223421**.

**S6-223421 CAPIF extensibility as requested by ETSI ISG MEC**

*Type: CR For: Agreement  
 23.222 v17.7.0 CR-0096 rev 1 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, Apple, Intel, Huawei*

(Replaces S6-223199)

**Abstract:**

This CR intends to lay the foundation for stage 3 updates to fulfil the CAPIF extensibility requirements suggested by ETSI ISG MEC (see S6-222714 (LSin) and S6-222716 (Disc))

a) Allow extending enumerations, e.g., for data formats, protocols and security mechanisms, without breaking "native" CAPIF API invokers

b) Support extensions for service API descriptions which allow providing additional information during service API publication, persisting such information by CAPIF and returning it as part of the discover service APIs result.

c) Provide a mechanism that allows definition of additional filtering criteria for discover service API queries.

**Discussion:**

Nokia presented the document S6-223421.

Samsung suggested adding some further information for stage 3.

Ericsson had understanding for the request from Samsung, but did not think it was strictly necessary to include further information for stage 3.

Intel was of the view that stage 3 are capable for developing their own requirements in order to progress.

Huawei indicated support for the proposal as it is.

**Decision:** The document was **revised to S6-223551**.

**S6-223551 CAPIF extensibility as requested by ETSI ISG MEC**

*Type: CR For: Agreement  
 23.222 v17.7.0 CR-0096 rev 2 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, Apple, Intel, Huawei*

(Replaces S6-223421)

**Discussion:**

Nokia presented the document S6-223551.

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

## 9 Rel-18 Study Items

### 9.1 FS\_PINAPP - Study on Application layer support for Personal IoT

**S6-223134 Clear some of the ENs in PINAPP TR**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

**Abstract:**

This pCR proposes to clear the ENs in the TR.

**Decision:** The document was **revised to S6-223358**.

**S6-223358 Clear some of the ENs in PINAPP TR**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

(Replaces S6-223134)

**Discussion:**

vivo presented the document S6-223358.

InterDigital proposed some further changes.

**Decision:** The document was **revised to S6-223524**.

**S6-223524 Clear some of the ENs in PINAPP TR**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

(Replaces S6-223358)

**Discussion:**

vivo presented the document S6-223524.

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

**S6-223135 Conclusion and evaluation of PINAPP architecture**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

**Abstract:**

This pCR proposes to put forward an evaluation and conclusion for KI#1 of PINAPP architecture.

In solution 1, the PINAPP architecture is proposed to support PIN management and PIN enhanced business. This paper proposes to have the evaluation and conclusion part of PIN architecture. And some of the function elements that needs update according to the approved solution and conclusion. The Reference Points also needs update.

**Decision:** The document was **revised to S6-223359**.

**S6-223359 Conclusion and evaluation of PINAPP architecture**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

(Replaces S6-223135)

**Discussion:**

vivo presented the document S6-223359.

Samsung suggested simplifying the change 2.

**Decision:** The document was **revised to S6-223525**.

**S6-223525 Conclusion and evaluation of PINAPP architecture**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

(Replaces S6-223359)

**Discussion:**

vivo presented the document S6-223525.

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

**S6-223136 Conclusion and evaluation of insert or remove PINE**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

**Abstract:**

This pCR proposes to put forward an evaluation and conclusion solution 3 for KI#1.

In solution 3, after PINE discovers a PIN, that the PINE can request to join a PIN. And for the PINE leaves the PIN, the PEMC can remove the PINE from the PIN or the PINE requests to leave the PIN initiatively.

**Decision:** The document was **revised to S6-223360**.

**S6-223360 Conclusion and evaluation of insert or remove PINE**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

(Replaces S6-223136)

**Discussion:**

vivo presented the document S6-223360.

Samsung suggested deleting the " that these PINEs have already communicated with PEMC" from the evaluation and conclusion clauses.

The only change is deleting the text " that these PINEs have already communicated with PEMC" from evaluation can conclusion clauses.

**Decision:** The document was **revised to S6-223526**.

**S6-223526 Conclusion and evaluation of insert or remove PINE**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

(Replaces S6-223360)

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

**S6-223137 Conclusion and evaluation of KI3 service switch**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

**Abstract:**

This pCR proposes to put forward an evaluation and conclusion for KI#3 of service switch.

**Decision:** The document was **revised to S6-223361**.

**S6-223361 Conclusion and evaluation of KI3 service switch**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

(Replaces S6-223137)

**Decision:** The document was **revised to S6-223502**.

**S6-223502 Conclusion and evaluation of KI3 service switch**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

(Replaces S6-223361)

**Discussion:**

vivo presented the document S6-223502.

The only changes are:

- showing new text with revision marks,

- adding InterDigital as co-signer and

- replacing the 2nd bullet (solution 8) "And the PIN server requests the APEMC to configure PEGC, PINE as well as informs AC to trigger another new application layer traffic to candidate PINE/AS. "

**Decision:** The document was **revised to S6-223527**.

**S6-223527 Conclusion and evaluation of KI3 service switch**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo, InterDigital*

(Replaces S6-223502)

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

**S6-223138 Conclusion and evaluation of credentials provision**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

**Abstract:**

This pCR proposes to put forward an evaluation and conclusion for KI#1 of credentials.

In solution 14, the PINE requests credentials from PEMC/PEGC. And the PEMC/PEGC requests the credentials from either PIN server or 5GS or other NFs. In SA6 scope, only the credentials provisioning can be defined, and how to PEMC/PEGC to receive the credentials is in SA3 scope.

**Decision:** The document was **revised to S6-223363**.

**S6-223363 Conclusion and evaluation of credentials provision**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

(Replaces S6-223138)

**Decision:** The document was **revised to S6-223503**.

**S6-223503 Conclusion and evaluation of credentials provision**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

(Replaces S6-223363)

**Discussion:**

vivo presented the document S6-223503.

The only change is to make the sentence "Which entity that the PEMC/PEGC obtains the Credentials, for example, the PIN server, 5GS or other NFs, is in the scope of SA3. " appear as a NOTE.

**Decision:** The document was **revised to S6-223528**.

**S6-223528 Conclusion and evaluation of credentials provision**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

(Replaces S6-223503)

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

**S6-223139 Conclusion update for PIN 5GS communication**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

**Abstract:**

This pCR proposes to put forward a conclusion update for KI#2.

In conclusion part, there exists an ENs that:

Editor's note: Whether the PINE sends PINE 5GS connection request (and related parameters) to PIN server via PEMC/PEGC should be further evaluated.

Due to the PIN server can act as the AF to trigger QoS establishment, so, there is no need for PINE to trigger an extra request.

So, the ENs can be removed and related PINE behaviour can also be removed.

**Decision:** The document was **revised to S6-223364**.

**S6-223364 Conclusion update for PIN 5GS communication**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

(Replaces S6-223139)

**Discussion:**

vivo presented the document S6-223364.

The only change is deleting the sentence "The PIN server may deliver parameters of Packet filters, DN specific ID to AF to assist such procedure. "

**Decision:** The document was **revised to S6-223529**.

**S6-223529 Conclusion update for PIN 5GS communication**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

(Replaces S6-223364)

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

**S6-223140 Conclusion update for PIN delete**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

**Decision:** The document was **revised to S6-223365**.

**S6-223365 Conclusion update for PIN delete**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

(Replaces S6-223140)

**Discussion:**

vivo presented the document S6-223365.

The only change is replacing "the some" with "some".

**Decision:** The document was **revised to S6-223530**.

**S6-223530 Conclusion update for PIN delete**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

(Replaces S6-223365)

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

**S6-223141 Solution update for PEGC trigger PDU session for 5GS communication**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

**Decision:** The document was **revised to S6-223366**.

**S6-223366 Solution update for PEGC trigger PDU session for 5GS communication**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

(Replaces S6-223141)

**Discussion:**

vivo presented the document S6-223366.

**Decision:** The document was **revised to S6-223535**.

**S6-223535 Solution update for PEGC trigger PDU session for 5GS communication**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo, Samsung*

(Replaces S6-223366)

**Discussion:**

vivo presented the document S6-223535.

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

**S6-223142 Solution update for PIN profile**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

**Decision:** The document was **revised to S6-223367**.

**S6-223367 Solution update for PIN profile**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

(Replaces S6-223142)

**Discussion:**

vivo presented the document S6-223367.

The only change is moving the new IE "Access control information" one row up.

**Decision:** The document was **revised to S6-223550**.

**S6-223550 Solution update for PIN profile**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

(Replaces S6-223367)

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

**S6-223144 Reference Point Cardinality of PINAPP**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

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

**S6-223170 Correction to the PIN modification triggered by PEGC**

*Type: pCR For: (not specified)  
 23.700-78 v0.6.1  
 Source: BEIJING SAMSUNG TELECOM R&D*

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

**S6-223172 Updates to the terms and abbreviations**

*Type: pCR For: (not specified)  
 23.700-78 v0.6.1  
 Source: BEIJING SAMSUNG TELECOM R&D*

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

**S6-223173 Description for reference points PIN-11 and PIN-12**

*Type: pCR For: (not specified)  
 23.700-78 v0.6.1  
 Source: BEIJING SAMSUNG TELECOM R&D*

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

**S6-223175 Updates to the conclusion of KI#1**

*Type: pCR For: (not specified)  
 23.700-78 v0.6.1  
 Source: BEIJING SAMSUNG TELECOM R&D*

**Decision:** The document was **revised to S6-223370**.

**S6-223370 Updates to the conclusion of KI#1**

*Type: pCR For: -  
 23.700-78 v0.6.1  
 Source: BEIJING SAMSUNG TELECOM R&D*

(Replaces S6-223175)

**Discussion:**

Samsung presented the document S6-223370.

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

**S6-223186 Updates to the evaluation of KI#1**

*Type: pCR For: (not specified)  
 23.700-78 v0.6.1  
 Source: BEIJING SAMSUNG TELECOM R&D*

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

**S6-223188 Evaluation of KI#6**

*Type: pCR For: (not specified)  
 23.700-78 v0.6.1  
 Source: BEIJING SAMSUNG TELECOM R&D*

**Abstract:**

KI#6 discusses the open issues related to the role change in PIN and in particular how the PEMC and PEGC role change is handled. TR 23.700-78 developed solutions for handling this key issue.

This pCR adds the overall evaluation for the KI#6.

**Decision:** The document was **revised to S6-223384**.

**S6-223384 Evaluation of KI#6**

*Type: pCR For: -  
 23.700-78 v0.6.1  
 Source: BEIJING SAMSUNG TELECOM R&D*

(Replaces S6-223188)

**Discussion:**

Samsung presented the document S6-223384.

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

**S6-223189 Conclusion of KI#6**

*Type: pCR For: (not specified)  
 23.700-78 v0.6.1  
 Source: BEIJING SAMSUNG TELECOM R&D*

**Decision:** The document was **revised to S6-223385**.

**S6-223385 Conclusion of KI#6**

*Type: pCR For: -  
 23.700-78 v0.6.1  
 Source: BEIJING SAMSUNG TELECOM R&D*

(Replaces S6-223189)

**Discussion:**

Samsung presented the document S6-223385.

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

**S6-223191 Managing multiple PEMCs in a PIN**

*Type: pCR For: (not specified)  
 23.700-78 v0.6.1  
 Source: Samsung, Vivo*

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

**S6-223247 Discussion on the PIN-9 Reference Point**

*Type: discussion For: Discussion  
 Source: InterDigital*

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

**S6-223248 KI#3 Evaluation Update**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: InterDigital*

**Decision:** The document was **revised to S6-223362**.

**S6-223362 KI#3 Evaluation Update**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: InterDigital*

(Replaces S6-223248)

**Discussion:**

InterDigital presented the document S6-223362.

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

**S6-223250 Conclusion of KI#4**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

**Abstract:**

This pCR proposes to put forward a conclusion of solution 11 for KI#4 of application server discovery. That the AS should register into PIN server, and the PINE should trigger the application server discovery towards PIN server and receives the endpoint of application server.

**Decision:** The document was **revised to S6-223533**.

**S6-223533 Conclusion of KI#4**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

(Replaces S6-223250)

**Discussion:**

vivo presented the document S6-223533.

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

**S6-223251 Evaluation of service continuity**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: vivo*

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

**S6-223265 Editorial corrections to 23.700-78**

*Type: pCR For: (not specified)  
 23.700-78 v0.6.1  
 Source: BEIJING SAMSUNG TELECOM R&D*

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

**S6-223266 KI#3 Conclusion**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: InterDigital*

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

**S6-223267 New solution for KI#5 – PIN Service continuity**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: InterDigital*

(Replaces S6-222877)

**Decision:** The document was **revised to S6-223386**.

**S6-223386 New solution for KI#5 – PIN Service continuity**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: InterDigital*

(Replaces S6-223267)

**Decision:** The document was **revised to S6-223593**.

**S6-223593 New solution for KI#5 – PIN Service continuity**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: InterDigital*

(Replaces S6-223386)

**Discussion:**

InterDigital presented the document S6-223593.

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

**S6-223299 PINE registration via the PEGC**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for PINE registration via the PEGC.

**Decision:** The document was **revised to S6-223387**.

**S6-223387 PINE registration via the PEGC**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: Huawei, Hisilicon*

(Replaces S6-223299)

**Discussion:**

Huawei presented the document S6-223387.

The only change is deleting the pre-condition 4 in clause 7.x.2.3.

**Decision:** The document was **revised to S6-223577**.

**S6-223577 PINE registration via the PEGC**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: Huawei, Hisilicon*

(Replaces S6-223387)

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

**S6-223309 PIN Localization**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: Convida Wireless*

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

**S6-223315 KI#5 Overall Evaluation**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: InterDigital*

**Abstract:**

This p-CR proposes an overall evaluation text for KI#5. Solution #15 is for KI#5. This overall evaluation considers Solution #15 and the proposed new solution which we call solution X (S6-223386) in this p-CR.

**Decision:** The document was **revised to S6-223388**.

**S6-223388 KI#5 Overall Evaluation**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: InterDigital*

(Replaces S6-223315)

**Decision:** The document was **revised to S6-223578**.

**S6-223578 KI#5 Overall Evaluation**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: InterDigital*

(Replaces S6-223388)

**Discussion:**

InterDigital presented the document S6-223578.

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

**S6-223325 KI#5 Overall Conclusion**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: InterDigital*

**Abstract:**

This p-CR proposes an overall conclusion text for KI#5. The conclusion considers Solution #15 and the proposed new solution which we call solution X (S6-223386) in this p-CR.

**Decision:** The document was **revised to S6-223389**.

**S6-223389 KI#5 Overall Conclusion**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: InterDigital*

(Replaces S6-223325)

**Discussion:**

InterDigital presented document S6-223389.

**Decision:** The document was **revised to S6-223594**.

**S6-223594 KI#5 Overall Conclusion**

*Type: pCR For: Approval  
 23.700-78 v0.6.1  
 Source: InterDigital*

(Replaces S6-223389)

**Discussion:**

InterDigital presented the document S6-223594.

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

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

**S6-223116 Solution on provide interconnection group IDs**

*Type: pCR For: Approval  
 23.700-38 v0.4.0  
 Source: Netherlands Police*

**Abstract:**

This pCR adds a solution for key issue 4, “Group configuration data“. It also addresses the 2nd pre-condition in 3GPP TS 23.280, clause 10.2.7.3:

- “The MC service group is configured in the MC service user profiles of one or more MC service users in the partner MC system of the MC service group.”

This solutions enables an authorized user to provide a list of interconnection group ID(s) to the authorized user of a partner MC system.

**Discussion:**

Netherlands Police presented document S6-223116.

**Decision:** The document was **revised to S6-223352**.

**S6-223352 Solution on provide interconnection group IDs**

*Type: pCR For: Approval  
 23.700-38 v0.4.0  
 Source: Netherlands Police*

(Replaces S6-223116)

**Discussion:**

Netherlands Police presented the document S6-223352.

The only change is deleting the last pre-condition in clause 7.x.1.3.1 ("The MC service user of the primary MC system has selected an authorized user in the partner MC system to provide a list of interconnection group ID(s) to.")

**Decision:** The document was **revised to S6-223496**.

**S6-223496 Solution on provide interconnection group IDs**

*Type: pCR For: Approval  
 23.700-38 v0.4.0  
 Source: Netherlands Police*

(Replaces S6-223352)

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

**S6-223157 Exchange Initial MC service UE configuration data between MC systems**

*Type: pCR For: Approval  
 23.700-38 v0.4.0  
 Source: BDBOS, Nokia, Nokia Shanghai Bell, Ericsson*

**Abstract:**

This pCR adds solutions related to:

- Key issue 3 - change user configuration

Investigate and define how to negotiate and agree user profiles (user configuration data) that enable the owner to migrate into a partner MC system.

- Key issue 5 – Service configuration data

Investigate and develop solutions, if required, which enable the exchange of administrative service configuration data between interconnected MC systems, which are not yet currently available.

This solution enables an authorized user to provide configuration data from a partner MC system needed to configure or update the initial MC service UE configuration data stored in an MC service UE. Proper initial MC service configuration is a pre-condition for authentication and authorization for MC services in a partner MC system. The process how an authorised user configures MC service UEs (before migration) is out of 3GPP scope, i.e., no changes to this aspect.

**Decision:** The document was **revised to S6-223353**.

**S6-223353 Exchange Initial MC service UE configuration data between MC systems**

*Type: pCR For: Approval  
 23.700-38 v0.4.0  
 Source: BDBOS, Nokia, Nokia Shanghai Bell, Ericsson*

(Replaces S6-223157)

**Decision:** The document was **revised to S6-223537**.

**S6-223537 Exchange Initial MC service UE configuration data between MC systems**

*Type: pCR For: Approval  
 23.700-38 v0.4.0  
 Source: BDBOS, Nokia, Nokia Shanghai Bell, Ericsson*

(Replaces S6-223353)

**Discussion:**

BDBOS presented document S6-223537.

The only change is adding Motorola Solutions as co-source.

**Decision:** The document was **revised to S6-223606**.

**S6-223606 Exchange Initial MC service UE configuration data between MC systems**

*Type: pCR For: Approval  
 23.700-38 v0.4.0  
 Source: BDBOS, Nokia, Nokia Shanghai Bell, Ericsson, Motorola Solutions*

(Replaces S6-223537)

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

**S6-223159 Solution on request group ID**

*Type: pCR For: Approval  
 23.700-38 v0.4.0  
 Source: BDBOS, MINISTERE DE L'INTERIEUR, Ericsson*

(Replaces S6-222956)

**Abstract:**

This solutions enables an authorized user to query a list of available MC service group ID(s) from a partner MC system, which may be used as interconnection groups.

**Decision:** The document was **revised to S6-223354**.

**S6-223354 Solution on request group ID**

*Type: pCR For: Approval  
 23.700-38 v0.4.0  
 Source: BDBOS, MINISTERE DE L'INTERIEUR, Ericsson*

(Replaces S6-223159)

**Discussion:**

BDBOS presented document S6-223354.

Motorola Solutions noted that some earlier comments had not taken in account. Motorola Solutions will take this offline.

**Decision:** The document was **revised to S6-223538**.

**S6-223538 Solution on request group ID**

*Type: pCR For: Approval  
 23.700-38 v0.4.0  
 Source: BDBOS, MINISTERE DE L'INTERIEUR, Ericsson*

(Replaces S6-223354)

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

**S6-223161 Update configuration for MC service user migrated in partner MC system**

*Type: pCR For: Approval  
 23.700-38 v0.4.0  
 Source: BDBOS*

**Decision:** The document was **revised to S6-223355**.

**S6-223355 Update configuration for MC service user migrated in partner MC system**

*Type: pCR For: Approval  
 23.700-38 v0.4.0  
 Source: BDBOS*

(Replaces S6-223161)

**Discussion:**

BDBOS presented document S6-223355.

Motorola Solutions had some concerns with the proposed solution, where primary system is managed by the partner system.

**Decision:** The document was **revised to S6-223539**.

**S6-223539 Update configuration for MC service user migrated in partner MC system**

*Type: pCR For: Approval  
 23.700-38 v0.4.0  
 Source: BDBOS, FirstNet, Motorola Solutions, Netherlands Police*

(Replaces S6-223355)

**Discussion:**

BDBOS presented document S6-22539.

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

**S6-223162 Editorial corrections**

*Type: pCR For: Approval  
 23.700-38 v0.4.0  
 Source: BDBOS*

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

**S6-223316 MCShAC request to add users for migration to a partner system**

*Type: pCR For: Approval  
 23.700-38 v0.4.0  
 Source: Motorola Solutions UK Ltd.*

**Decision:** The document was **revised to S6-223356**.

**S6-223356 MCShAC request to add users for migration to a partner system**

*Type: pCR For: Approval  
 23.700-38 v0.4.0  
 Source: Motorola Solutions UK Ltd.*

(Replaces S6-223316)

**Discussion:**

Motorola Solutions presented document S6-223356.

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

**S6-223323 MCShAC request to remove users for migration from a partner system**

*Type: pCR For: Approval  
 23.700-38 v0.4.0  
 Source: Motorola Solutions UK Ltd.*

**Decision:** The document was **revised to S6-223327**.

**S6-223327 MCShAC request to remove users for migration from a partner system**

*Type: pCR For: Approval  
 23.700-38 v0.4.0  
 Source: Motorola Solutions*

(Replaces S6-223323)

**Decision:** The document was **revised to S6-223357**.

**S6-223357 MCShAC request to remove users for migration from a partner system**

*Type: pCR For: Approval  
 23.700-38 v0.4.0  
 Source: Motorola Solutions*

(Replaces S6-223327)

**Decision:** The document was **revised to S6-223614**.

**S6-223614 MCShAC request to remove users for migration from a partner system**

*Type: pCR For: Approval  
 23.700-38 v0.4.0  
 Source: Motorola Solutions*

(Replaces S6-223357)

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

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

**S6-223150 Ad hoc group emergency alert**

*Type: pCR For: Approval  
 23.700-76 v1.3.0  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

This pCR provides solutions for key issue #5 to support sending group emergency alerts also to ad hoc groups. The participants of the ad hoc emergency alert group may be served by multiple MC systems.

**Decision:** The document was **revised to S6-223368**.

**S6-223368 Ad hoc group emergency alert**

*Type: pCR For: Approval  
 23.700-76 v1.3.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-223150)

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

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

**S6-223192 Evaluation of sol#9**

*Type: CR For: Approval  
 23.700-99 v18.0.0 CR-0003 Cat: F (Rel-18)  
  
 Source: China Mobile (Suzhou) Software*

**Abstract:**

There are ENs for the solution 9 which could be solved based on the LS reply from SA1 and SA2.

**Discussion:**

China Mobile presented the document S6-223192.

Qualcomm suggested being explicit on the fact that the Solution 9 is not viable for the normative phase.

**Decision:** The document was **revised to S6-223451**.

**S6-223451 Evaluation of sol#9**

*Type: CR For: Agreement  
 23.700-99 v18.0.0 CR-0003 rev 1 Cat: F (Rel-18)  
  
 Source: China Mobile (Suzhou) Software*

(Replaces S6-223192)

**Discussion:**

China Mobile presented document S6-223451.

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

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

**S6-223176 Resolving ENs in clause 6.2**

*Type: pCR For: Approval  
 23.700-95 v1.6.0  
 Source: NTT DOCOMO, Huawei*

**Abstract:**

This contribution proposes to resolve Editor's Notes in clause 6.2.

**Discussion:**

NTT DOCOMO presented the document S6-223176.

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

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

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

**S6-223118 Pseudo-CR on Sol#2 Update**

*Type: pCR For: Approval  
 23.700-96 v0.8.0  
 Source: CATT*

**Abstract:**

According to the overall evaluation and conclusion, the architecture enhancements from solution#8 for KI#1 will be used for the baseline architecture in the normative phase, and solution 2 will act as supplement for the baseline architecture. So the solution evaluation in Clause 7.2 for Sol#2 should be updated accordingly.

This contribution updates solution#2 Support of both LCS and SUPL at Fused Location Server.

**Discussion:**

The chair presented the document on behalf of CATT due to an audio (online) issue.

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

**S6-223119 Pseudo-CR on Sol#5 Update**

*Type: pCR For: Approval  
 23.700-96 v0.8.0  
 Source: CATT*

**Abstract:**

According to the overall evaluation and conclusion, the architecture enhancements from solution#8 for KI#1 will be used for the baseline architecture in the normative phase, and Solution #5 can be considered in the normative work for KI#3 based on the Sol#8. So the solution evaluation for Sol#5 should be updated accordingly.

This contribution updates solution#5 Location profiling for supporting fused location service enablement.

**Discussion:**

The chair presented the document on behalf of CATT due to an audio (online) issue.

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

**S6-223120 Pseudo-CR on Sol#6 Update**

*Type: pCR For: Approval  
 23.700-96 v0.8.0  
 Source: CATT*

**Abstract:**

There is overlapping solution evaluation text for Solution 6, maybe there was uploaded format error when TR 23.700-96 v0.8.0 is updated based on approved Tdocs after last meeting, so the duplicated one should be removed.

This contribution updates solution#6 Location service configuration.

**Discussion:**

The chair presented the document on behalf of CATT due to an audio (online) issue.

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

**S6-223121 Pseudo-CR on Sol#7 Update**

*Type: pCR For: Approval  
 23.700-96 v0.8.0  
 Source: CATT*

**Abstract:**

According to the overall evaluation and conclusion, the architecture enhancements from solution#8 for KI#1 will be used for the baseline architecture in the normative phase, and Solution #7 can be considered in the normative work for KI#2 based on the Sol#8. So the solution evaluation for Sol#7 should be updated accordingly.

This contribution updates solution#7 Location QoS based location sources and positioning methods selection.

**Discussion:**

The chair presented the document on behalf of CATT due to an audio (online) issue.

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

**S6-223122 Pseudo-CR on Conclusion Update**

*Type: pCR For: Approval  
 23.700-96 v0.8.0  
 Source: CATT*

**Abstract:**

As all the key issues and solutions specified in this technical report have no dependency on other working group according to the overall evaluation, so the conclusion in Clause 9.1 should be updated.

This contribution updates the Conclusion in Clause 9.1.

**Discussion:**

CATT presented the document S6-223122 (audio (online) issue sorted).

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

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

**S6-223255 Pseudo-CR on adding abbreviations**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

**Abstract:**

Proposal for completing abbreviations clause.

**Discussion:**

Samsung presented the document S6-223255.

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

**S6-223256 Pseudo-CR on architecture requirements cleanup**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

**Abstract:**

General architectural requirements and EN cleanup.

**Discussion:**

Samsung presented the document S6-223256.

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

**S6-223257 Pseudo-CR on architecture enhancements cleanup**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

**Abstract:**

Proposal for Architecture enhancements cleanup.

**Discussion:**

Samsung presented the document S6-223257.

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

**S6-223258 FS\_eEDGEAPP\_architecture\_enhancements\_rearrange**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

**Abstract:**

Proposal for Architecture enhancements clauses rearrangement.

**Discussion:**

Samsung presented the document S6-223258.

Figure to be updated to Visio format.

**Decision:** The document was **revised to S6-223371**.

**S6-223371 Pseudo-CR on architecture enhancements cleanup**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223258)

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

**S6-223132 Add description of use cases for option#4**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: NTT DOCOMO INC.*

**Abstract:**

This contribution proposes to add description of use cases for option #4.

**Discussion:**

NTT DOCOMO presented S6-223132.

**Decision:** The document was **revised to S6-223372**.

**S6-223372 Add description of use cases for option#4**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: NTT DOCOMO INC.*

(Replaces S6-223132)

**Discussion:**

NTT DOCOMO presented S6-223372.

Huawei still had concern about which device are constrained, and suggested this to be clarified.

**Decision:** The document was **revised to S6-223540**.

**S6-223540 Add description of use cases for option#4**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: NTT DOCOMO INC.*

(Replaces S6-223372)

**Discussion:**

NTT DOCOMO presented S6-223540.

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

**S6-223322 Enhanced ECS for federation and roaming**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Qualcomm, AT&T, NTT Docomo, Convida, Intel, Samsung, InterDigital, Deutsche Telekom, Huawei*

**Abstract:**

This solution provides enhancements to the ECS and procedures to support federation of services, UE roaming, and federation of services across PLMNs for roaming UEs.

**Discussion:**

Qualcomm presented document S6-223322.

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

**S6-223200 Edge Repository EWBI Interface**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Intel Technology India Pvt Ltd*

**Abstract:**

his pCR provides a new E/WBI interface for the Edge-Repository.

**Discussion:**

Intel presented the document S6-223200.

**Decision:** The document was **revised to S6-223373**.

**S6-223373 Edge Repository EWBI Interface**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Intel Technology India Pvt Ltd*

(Replaces S6-223200)

**Decision:** The document was **revised to S6-223607**.

**S6-223607 Edge Repository EWBI Interface**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Intel Technology India Pvt Ltd*

(Replaces S6-223373)

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

**S6-223160 Architecture enhancements conclusion for roaming UEs**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

**Abstract:**

This pCR introduces a conclusion on architecture enhancement for supporting roaming UEs in both LBO and HR scenarios.

**Discussion:**

Samsung presented document S6-223160.

For improved clarity it was suggested to rephrase bullet e).

**Decision:** The document was **revised to S6-223374**.

**S6-223374 Architecture enhancements conclusion for roaming UEs**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223160)

**Discussion:**

Samsung presented document S6-223374.

The only change is deleting "over EDGE-4" in bullet c).

**Decision:** The document was **revised to S6-223541**.

**S6-223541 Architecture enhancements conclusion for roaming UEs**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223374)

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

**S6-223245 Conclusion of KI#6 and KI#10**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, HiSilicon*

(Replaces S6-223054)

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

**S6-223125 KI#9 ENs and Sol#42 dependency**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: InterDigital*

**Abstract:**

Editor’s notes related to S6-222720 (KI#9) must be removed and Solution #42 has dependency on SA5.

**Discussion:**

InterDigital presented document S6-223125.

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

**S6-223166 KI#20 conclusion 23700-98**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

**Decision:** The document was **revised to S6-223254**.

**S6-223254 KI#20 conclusion 23700-98**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223166)

**Decision:** The document was **revised to S6-223478**.

**S6-223478 KI#20 conclusion 23700-98**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223254)

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

**S6-223131 Add description of NOTE for option#5**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: NTT DOCOMO INC.*

**Abstract:**

This contribution proposes to add description of NOTE for option #5.

**Discussion:**

NTT DOCOMO presented document S6-223131.

Samsung was of the view that the proposed solution was not needed.

Huawei and Intel shared the view of Samsung.

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

**S6-223260 Pseudo-CR on updating solution #24**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

**Abstract:**

Proposal to add clarification that when CES is deployed and application layer makes such request, EES interacts with the CES for ACR between EAS to CAS.

As well as update solution evaluation for KI#11 to capture that if CES is returned in the service provisioning request based on the request from application layer.

**Discussion:**

Samsung presented document S6-223260.

**Decision:** The document was **revised to S6-223375**.

**S6-223375 FS\_eEDGEAPP\_updating solution 24**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223260)

**Discussion:**

Samsung presented document S6-223375.

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

**S6-223295 Resolve EN in solution#25**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Resolve EN in solution#25

**Discussion:**

Huawei presented the document S6-223295.

**Decision:** The document was **revised to S6-223376**.

**S6-223376 Resolve EN in solution#25**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223295)

**Discussion:**

Huawei presented the document S6-223376.

The only changes are:

- adding KPN as co-source,

- deleting "the update to the",

- applying correct styles to the notes (with tab between NOTE and actual note text) and

- capitalizing second note first letter.

**Decision:** The document was **revised to S6-223542**.

**S6-223542 Resolve EN in solution#25**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon, KPN*

(Replaces S6-223376)

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

**S6-223308 Fix in solution #25 CAS initiated ACR via ECS**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: KPN N.V.*

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

**S6-223219 Deployment models**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

**Abstract:**

This pCR provides possible deployment models based on various agreed solutions in the TR 23.700-98.

**Discussion:**

Samsung presented document S6-223219.

Suggestion to remove deployment models.

**Decision:** The document was **revised to S6-223377**.

**S6-223377 Deployment models**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223219)

**Discussion:**

Samsung presented document S6-223377.

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

**S6-223213 Handling of UE Mobility pattern**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-222921)

**Abstract:**

This contribution proposes a new solution to support EEC mobility behaviour in EDGEAPP.

**Discussion:**

Samsung presented document S6-223213.

**Decision:** The document was **revised to S6-223378**.

**S6-223378 Handling of UE Mobility pattern**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223213)

**Decision:** The document was **revised to S6-223521**.

**S6-223521 Handling of UE Mobility pattern**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung, Convida Wireless, AT&T*

(Replaces S6-223378)

**Discussion:**

Samsung presented the document S6-223521.

The only changes are:

- replacing in clause 10.2.12 “Solution #X enables ECSP to decide whether or not to subscribe to NEF or NWDEF for UE location information or its analytics, but rather perform one time location or less frequent fetch of the UE location and store it.” with “The solution #X addresses KI#12. The solution proposes to enhance the EEL specifically EEC registration and EEC registration update procedures to provide indication whether the UE requires mobility support or not to the EES.” and

- correcting the revision numbers in the header.

**Decision:** The document was **revised to S6-223570**.

**S6-223570 Handling of UE Mobility pattern**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung, Convida Wireless, AT&T*

(Replaces S6-223521)

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

**S6-223220 EEL service differentiation**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Ericsson*

(Replaces S6-222960)

**Abstract:**

This contribution proposes a new solution to support EEL service differentiation.

**Discussion:**

Ericsson presented document S6-223220.

**Decision:** The document was **revised to S6-223379**.

**S6-223379 EEL service differentiation**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Ericsson*

(Replaces S6-223220)

**Discussion:**

Ericsson presented document S6-223379.

Huawei suggested splitting the Figure 7.x.2-1 for two types of ECSs.

**Decision:** The document was **revised to S6-223497**.

**S6-223497 EEL service differentiation**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Ericsson*

(Replaces S6-223379)

**Decision:** The document was **revised to S6-223571**.

**S6-223571 EEL service differentiation**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Ericsson*

(Replaces S6-223497)

**Discussion:**

Ericsson presented document S6-223571.

Huawei still retained to original comments (see S6-223379).

**Decision:** The document was **revised to S6-223608**.

**S6-223608 EEL service differentiation**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Ericsson*

(Replaces S6-223571)

**Decision:** The document was **revised to S6-223629**.

**S6-223629 EEL service differentiation**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Ericsson*

(Replaces S6-223608)

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

**S6-223215 Pseudo-CR on solution to KI#13 - Edge enabler layer support for EAS synchronization**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-222756)

**Abstract:**

This pCR provides solution to KI#13 - Edge enabler layer support for EAS synchronization.

**Discussion:**

Samsung presented document S6-223215.

**Decision:** The document was **revised to S6-223380**.

**S6-223380 Pseudo-CR on solution to KI#13 - Edge enabler layer support for EAS synchronization**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223215)

**Decision:** The document was **revised to S6-223630**.

**S6-223630 Pseudo-CR on solution to KI#13 - Edge enabler layer support for EAS synchronization**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223380)

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

**S6-223262 Pseudo-CR on overall evaluation and conclusion for KI#13**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

**Abstract:**

Based on the solution updates agreed in SA6#51-e meeting, it is proposed to complete the overall evaluation and conclusion for KI#13.

**Discussion:**

Samsung presented document S6-223262.

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

**S6-223246 Pseudo-CR on Solution for KI#16 support of NAT deployed within the EDN**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Apple Portugal*

**Abstract:**

An alternative solution is proposed for KI#16 that does not rely on the UE exposing private IP addresses to the enablement layer via the application layer, or for the 5GC to accept a NAT’ed public IP address.

**Discussion:**

Apple presented document S6-223246.

**Decision:** The document was **revised to S6-223381**.

**S6-223381 Pseudo-CR on Solution for KI#16 support of NAT deployed within the EDN**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Apple Portugal*

(Replaces S6-223246)

**Discussion:**

Apple presented document S6-223381.

Huawei requested the introduction an editor's note, the content of which will be discussed offline.

**Decision:** The document was **revised to S6-223543**.

**S6-223543 Pseudo-CR on Solution for KI#16 support of NAT deployed within the EDN**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Apple Portugal*

(Replaces S6-223381)

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

**S6-223297 Update to solution#31**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

**Abstract:**

This paper provide a way that the ECS can return multiple EES(e.g. EES#1, and EES#2) to the EEC#1 even when the multiple EES (e.g. EES#1, and EES#2) are across EDN, then the EEC#1 can provide the multiple EES (e.g. EES#1, and EES#2) information to the EES#1, then the EES#1 can send step8 to the EES#2 for the common EAS information.

**Discussion:**

Huawei presented document S6-223297.

**Decision:** The document was **revised to S6-223382**.

**S6-223382 Update to solution#31**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223297)

**Discussion:**

Huawei presented document S6-223382.

Samsung suggested number of simplifications but will provide detailed proposal offline.

**Decision:** The document was **revised to S6-223544**.

**S6-223544 Update to solution#31**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223382)

**Discussion:**

Huawei presented document S6-223544.

Content corrupt.

**Decision:** The document was **revised to S6-223609**.

**S6-223609 Update to solution#31**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223544)

**Discussion:**

Huawei presented document S6-223609.

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

**S6-223298 Overall evaluation for common EAS**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon, Apple*

**Abstract:**

In current TR, there are five solution for the common EAS. Thus this paper provide a overall evaluation for the common EAS and provide a detailed Analysis and Comparison for these five solution. Then the conclusion for the common EAS is provided.

**Discussion:**

Huawei presented document S6-223298.

**Decision:** The document was **revised to S6-223383**.

**S6-223383 Overall evaluation for common EAS**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon, Apple*

(Replaces S6-223298)

**Discussion:**

Huawei presented document S6-223383.

The only changes are:

- adding Samsung, Convida as co-source and

- correcting spelling errors of e.g. group and discovery.

**Decision:** The document was **revised to S6-223617**.

**S6-223617 Overall evaluation for common EAS**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon, Apple Convida and Samsung*

(Replaces S6-223383)

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

**S6-223263 FS\_eEDGEAPP\_conclusion for KI 17**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

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

**S6-223292 Solution for EEL assist the application layer to determine the common EAS**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223017)

**Abstract:**

Proposal for Solution for EEL assist the application layer to determine the common EAS

**Discussion:**

Huawei presented document S6-223292.

Qualcomm was of the view the proposal was an application layer functionality, i.e. how to use services.

**Decision:** The document was **revised to S6-223394**.

**S6-223394 Solution for EEL assist the application layer to determine the common EAS**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223292)

**Discussion:**

Huawei presented document S6-223394.

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

**S6-223289 Resolve EN and evaluation for solution #46**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Resolve EN and evaluation for solution #46.

**Discussion:**

Huawei presented document S6-223289.

**Decision:** The document was **revised to S6-223500**.

**S6-223500 Resolve EN and evaluation for solution #46**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223289)

**Discussion:**

Huawei presented document S6-223500.

Ericsson requested adding information on that the present solution may be dependent on solution #26.

**Decision:** The document was **revised to S6-223574**.

**S6-223574 Resolve EN and evaluation for solution #46**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223500)

**Discussion:**

Huawei presented document S6-223574.

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

**S6-223290 Resolve EN and evaluation for solution #47**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Resolve EN and evaluation for solution #47.

**Discussion:**

Huawei presented document S6-223290.

**Decision:** The document was **revised to S6-223531**.

**S6-223531 Resolve EN and evaluation for solution #47**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223290)

**Decision:** The document was **revised to S6-223575**.

**S6-223575 Resolve EN and evaluation for solution #47**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223531)

**Discussion:**

Huawei presented document S6-223575.

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

**S6-223291 Update overall evaluation for KI#18**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

**Abstract:**

This contribution proposes to update the overall evaluation of KI#18, due to the updated solution #26, and the new introduced solution #46 and solution #47. Correspondingly, the conclusion part is also updated.

**Discussion:**

Huawei presented document S6-223291.

**Decision:** The document was **revised to S6-223395**.

**S6-223395 Update overall evaluation for KI#18**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223291)

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

**S6-223164 Composite EAS context management**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

**Abstract:**

This pCR provides solution to KI#20 - Method of supporting composite EASs service.

**Decision:** The document was **revised to S6-223252**.

**S6-223252 Composite EAS context management**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223164)

**Discussion:**

Samsung presented document S6-223252.

**Decision:** The document was **revised to S6-223396**.

**S6-223396 Composite EAS context management**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223252)

**Decision:** The document was **revised to S6-223498**.

**S6-223498 Composite EAS context management**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223396)

**Decision:** The document was **revised to S6-223582**.

**S6-223582 Composite EAS context management**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223498)

**Decision:** The document was **revised to S6-223601**.

**S6-223601 Composite EAS context management**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223582)

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

**S6-223222 KI#20 conclusion**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Ericsson*

**Abstract:**

Proposal for conclusion for KI#20.

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

**S6-223400 KI#20 conclusion**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Ericsson*

**Discussion:**

Revision of S6-223222 not needed.

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

**S6-223293 Evaluation on solution#45 EAS discovery for edge node sharing**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for evaluation on solution#45 EAS discovery for edge node sharing

**Discussion:**

Huawei presented document S6-223293.

**Decision:** The document was **revised to S6-223397**.

**S6-223397 Evaluation on solution#45 EAS discovery for edge node sharing**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223293)

**Decision:** The document was **revised to S6-223545**.

**S6-223545 Evaluation on solution#45 EAS discovery for edge node sharing**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223397)

**Discussion:**

Huawei presented document S6-223545.

The only change is replacing "(identifying OP e.g OP B's information)" with "(e.g. identifying OP B's information)" in two occurrences.

**Decision:** The document was **revised to S6-223631**.

**S6-223631 Evaluation on solution#45 EAS discovery for edge node sharing**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223545)

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

**S6-223294 Resolve EN in solution #45**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Resolve EN in solution #45

**Discussion:**

Huawei presented document S6-223294.

**Decision:** The document was **revised to S6-223398**.

**S6-223398 Resolve EN in solution #45**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223294)

**Discussion:**

Corrupted/wrong language content.

**Decision:** The document was **revised to S6-223546**.

**S6-223546 Resolve EN in solution #45**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223398)

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

**S6-223296 Solution for EAS discovery in Edge Node sharing scenario**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Solution for EAS discovery in Edge Node sharing scenario

**Discussion:**

Huawei presented document S6-223296.

**Decision:** The document was **revised to S6-223399**.

**S6-223399 Solution for EAS discovery in Edge Node sharing scenario**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223296)

**Discussion:**

Huawei presented document S6-223399.

**Decision:** The document was **revised to S6-223547**.

**S6-223547 Solution for EAS discovery in Edge Node sharing scenario**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223399)

**Discussion:**

Huawei presented document S6-223547.

**Decision:** The document was **revised to S6-223610**.

**S6-223610 Solution for EAS discovery in Edge Node sharing scenario**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223547)

**Decision:** The document was **revised to S6-223624**.

**S6-223624 Solution for EAS discovery in Edge Node sharing scenario**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223610)

**Discussion:**

Huawei presented document S6-223624.

The only change is to correct document number in the header.

**Decision:** The document was **revised to S6-223632**.

**S6-223632 Solution for EAS discovery in Edge Node sharing scenario**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223624)

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

**S6-223165 Invoke non-roaming UE location**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-222946)

**Abstract:**

This pCR provides solution to KI#22 - EAS discovery in Edge Node sharing scenario.

**Decision:** The document was **revised to S6-223253**.

**S6-223253 Invoke non-roaming UE location**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223165)

**Discussion:**

Samsung presented the document S6-223253.

Huawei was of the view that the proposal belonged SA2 territory.

Ericsson requested offline discussion on the proposal.

**Decision:** The document was **revised to S6-223401**.

**S6-223401 Invoke non-roaming UE location**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223253)

**Decision:** The document was **revised to S6-223499**.

**S6-223499 Invoke non-roaming UE location**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223401)

**Decision:** The document was **revised to S6-223583**.

**S6-223583 Invoke non-roaming UE location**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223499)

**Discussion:**

Samsung presented the document S6-223583.

NTT DOCOMO suggested replacing "Operator A" with "Operator A's entities".

**Decision:** The document was **revised to S6-223611**.

**S6-223217 overall evaluation and conclusion for KI#22**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

**Abstract:**

This pCR proposes overall evaluation and conclusion for KI#22 (EAS discovery in Edge Node sharing scenario).

**Discussion:**

Samsung presented the document S6-223217.

Qualcomm was of the view that proposal did not address all editor's notes.

Ericsson was of the view that the note stating " One or more solutions or merged solution from above solution will be considered during the normative work." was too strong.

**Decision:** The document was **revised to S6-223402**.

**S6-223611 Invoke non-roaming UE location**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223583)

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

**S6-223402 Overall evaluation and conclusion for KI#22**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223217)

**Discussion:**

Samsung presented the document S6-223402.

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

**S6-223249 Overall evaluation and conclusion for Invoke non-roaming UE location**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

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

**S6-223223 KI#23 conclusion**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Ericsson*

**Abstract:**

This contribution provides conclusion for KI#23, Reliable Edge service.

**Discussion:**

Ericsson presented the document S6-223223.

**Decision:** The document was **revised to S6-223403**.

**S6-223403 KI#23 conclusion**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Ericsson, Samsung*

(Replaces S6-223223)

**Discussion:**

Ericsson presented the document S6-223403.

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

**S6-223218 overall evaluation and conclusion for KI#23**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

**Abstract:**

This pCR proposes overall evaluation and conclusion for KI#22 (EAS discovery in Edge Node sharing scenario).

**Discussion:**

Ericsson presented the document S6-223218.

Huawei suggested compressing the text proposed in clause 10.2.x. Furthermore they did not agree with the reference to 3GPP TS 23.501.

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

**S6-223259 FS\_eEDGEAPP\_editorials**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

**Discussion:**

Samsung presented the document S6-223259.

After first discussion decision to keep open for possibly include further editorials to be taken on board during the course of the meeting.

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

**S6-223261 Pseudo-CR on updating clause 10.2.0**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

**Abstract:**

Updates to table in clause 10.2.0 is missing some of the new solutions added in SA6#51-e meeting.

**Discussion:**

Samsung presented the document S6-223259.

**Decision:** The document was **revised to S6-223404**.

**S6-223404 Pseudo-CR on updating clause 10.2.0**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223261)

**Discussion:**

Samsung presented the document S6-223404.

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

**S6-223310 Multi-user Session Synchronization Solution**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Convida Wireless*

**Abstract:**

This contribution provides a solution to Key issue #13: Edge enabler layer support for EAS synchronization.

**Discussion:**

Convida Wireless presented the document S6-223310.

Samsung suggested clarifying the architecture.

Huawei suggested clarifying exactly which issue the proposal intends to solve.

**Decision:** The document was **revised to S6-223405**.

**S6-223405 Multi-user Session Synchronization Solution**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Convida Wireless*

(Replaces S6-223310)

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

**S6-223311 Reliable Edge Service with back-up EES**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Convida Wireless*

**Abstract:**

This contribution provides a solution to Key issue #23: Reliable Edge service.

**Discussion:**

Convida Wireless presented the document S6-223311.

**Decision:** The document was **revised to S6-223407**.

**S6-223407 Reliable Edge Service with back-up EES**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Convida Wireless*

(Replaces S6-223311)

**Discussion:**

Convida Wireless presented the contribution S6-223407.

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

**S6-223600 Withdrawn**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: -*

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

**S6-223312 Address 7.27.3 EN on CAAR sync**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Convida Wireless*

**Abstract:**

Synchronization between CAAR updates and reads is not an issue because the timing of the procedures for each UE discovering common EAS is not deterministic anyway. As such, it is irrelevant if two EECs performing EAS discovery separated by microseconds or minutes.

It is therefore proposed to remove the EN in clause 7.27.3 about CAAR synchronization.

**Discussion:**

Convida Wireless presented the document S6-223312.

Ericsson was of the view the solution solving the editor's note should be clarified and suggested adding the following sentence. "To solve any potential the un-synchronised CAAR query & update leading to race condition, an existing ACR procedure may be used to steer UEs to one common EAS."

**Decision:** The document was **revised to S6-223406**.

**S6-223406 Address 7.27.3 EN on CAAR sync**

*Type: pCR For: Approval  
 23.700-98 v1.3.0  
 Source: Convida Wireless*

(Replaces S6-223312)

**Discussion:**

Convida Wireless presented the contribution S6-223406.

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

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

**S6-223097 Discussion on DAA for the study FS\_eUASAPP**

*Type: discussion For: Discussion  
 Source: InterDigital*

**Abstract:**

This paper provides information about aspects of Detect And Avoid for SA2 and SA6 in Rel-18, and clarify the scope of SA6’s work. The paper proposes that SA6 come to a common understanding about the introduction of solutions and way forward for conclusions on DAA in SA6.

**Discussion:**

InterDigital presented the contribution S6-223097.

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

**S6-223300 Discussion about DAA**

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

**Abstract:**

Discussion paper about DAA (Detect And Avoid).

**Discussion:**

Huawei presented document S6-223300.

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

**S6-223100 Minor corrections**

*Type: pCR For: Approval  
 23.700-55 v1.1.0  
 Source: InterDigital*

**Abstract:**

It is proposed to do the following minor changes ( text originating from the spec. template) to 3GPP TR 23.700-55 v 1.1.0.

**Discussion:**

InterDigital presented document S6-223100.

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

**S6-223221 Correction of reference to solution for Key Issue 1**

*Type: pCR For: Approval  
 23.700-55 v1.1.0  
 Source: InterDigital*

**Abstract:**

It is proposed to correct the reference to solution for Key Issue 1 in conclusions.

**Discussion:**

InterDigital presented document S6-223221.

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

**S6-223098 New Solution: Support for DAA**

*Type: pCR For: Approval  
 23.700-55 v1.1.0  
 Source: InterDigital*

(Replaces S6-222865)

**Abstract:**

A standardised mechanism for support of the UAE-layer for DAA (Detect and Avoid) is proposed to secure that 3GPP has means that the UAVs has functionality within the UAE layer to support the application for detect and avoid of potential interfering objects.

The present contribution proposes adding a new solution for the UAE-layer support of DAA in 3GPP TR 23.700-55 v 1.0.0.

**Discussion:**

InterDigital presented document S6-223098.

A lengthy discussion followed mainly between Huawei, Lenovo and InterDigital. Discussion to continue offline.

**Decision:** The document was **revised to S6-223393**.

**S6-223393 New Solution: Support for DAA**

*Type: pCR For: Approval  
 23.700-55 v1.1.0  
 Source: InterDigital*

(Replaces S6-223098)

**Decision:** The document was **revised to S6-223590**.

**S6-223590 New Solution: Support for DAA**

*Type: pCR For: Approval  
 23.700-55 v1.1.0  
 Source: InterDigital*

(Replaces S6-223393)

**Discussion:**

InterDigital presented document S6-223590.

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

**S6-223301 UAE layer support for DAA**

*Type: pCR For: Approval  
 23.700-55 v1.1.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for UAE layer support for DAA (Detect and Avoid).

**Discussion:**

Huawei presented document S6-223301.

**Decision:** The document was **revised to S6-223446**.

**S6-223446 UAE layer support for DAA**

*Type: pCR For: Approval  
 23.700-55 v1.1.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223301)

**Discussion:**

Huawei presented document S6-223446.

**Decision:** The document was **revised to S6-223579**.

**S6-223579 UAE layer support for DAA**

*Type: pCR For: Approval  
 23.700-55 v1.1.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223446)

**Discussion:**

Huawei presented document S6-223579.

The only changes are deleting changes to clause 9.2.5 and clause 10.2 as these have already been merged in to another contribution.

**Decision:** The document was **revised to S6-223615**.

**S6-223615 UAE layer support for DAA**

*Type: pCR For: Approval  
 23.700-55 v1.1.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223579)

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

**S6-223099 Overall evaluation and conclusion for KI #4**

*Type: pCR For: Approval  
 23.700-55 v1.1.0  
 Source: InterDigital*

**Abstract:**

Based on the proposed solutions and their evaluations, an overall evaluation and conclusion is proposed introduced for KI 4.

**Discussion:**

InterDigital presented document S6-223099.

**Decision:** The document was **revised to S6-223447**.

**S6-223447 Overall evaluation and conclusion for KI #4**

*Type: pCR For: Approval  
 23.700-55 v1.1.0  
 Source: InterDigital, Huawei*

(Replaces S6-223099)

**Discussion:**

InterDigital presented document S6-223447.

The only change is replacing bullet 3 with UAE-layer will support providing information for the DAA decision making process.

**Decision:** The document was **revised to S6-223620**.

**S6-223620 Overall evaluation and conclusion for KI #4**

*Type: pCR For: Approval  
 23.700-55 v1.1.0  
 Source: InterDigital, Huawei*

(Replaces S6-223447)

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

**S6-223326 Requirements for support for DAA**

*Type: pCR For: Approval  
 23.700-55 v1.1.0  
 Source: InterDigital*

(Replaces S6-222364)

**Discussion:**

InterDigital presented document S6-223326.

Huawei suggested deleting requirement [AR-5.3.2-3].

**Decision:** The document was **revised to S6-223448**.

**S6-223448 Requirements for support for DAA**

*Type: pCR For: Approval  
 23.700-55 v1.1.0  
 Source: InterDigital*

(Replaces S6-223326)

**Discussion:**

InterDigital presented document S6-223448.

The only changes are:

- deleting "and provide it to the UAS application" from requirements [AR-5.3.2-c] and [AR-5.3.2-d] and

- adding Huawei as co-source.

**Decision:** The document was **revised to S6-223580**.

**S6-223580 Requirements for support for DAA**

*Type: pCR For: Approval  
 23.700-55 v1.1.0  
 Source: InterDigital, Huawei*

(Replaces S6-223448)

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

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

**S6-223124 SEALDD - Redundant path establishment with dual UE – dual UP**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Ericsson LM*

**Abstract:**

Solution proposal for 23.700-34 KI#1, for redundant path setup using dual EUs and distinct UP paths within the network. The contribution updates S6-222857.

**Decision:** The document was **revised to S6-223444**.

**S6-223444 SEALDD - Redundant path establishment with dual UE – dual UP**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Ericsson LM*

(Replaces S6-223124)

**Discussion:**

Ericsson presented the document S6-223444.

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

**S6-223201 S6-SEALDD\_Update KI #8 for SEALDD enabled rate control for different VAL users**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S6-223429**.

**S6-223429 S6-SEALDD\_Update KI #8 for SEALDD enabled rate control for different VAL users**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: China Mobile, Huawei, Hisilicon*

(Replaces S6-223201)

**Discussion:**

Huawei presented the document S6-223429.

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

**S6-223202 update of the solution#6**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: China Mobile International Ltd*

**Decision:** The document was **revised to S6-223430**.

**S6-223430 update of the solution#6**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: China Mobile International Ltd*

(Replaces S6-223202)

**Decision:** The document was **revised to S6-223548**.

**S6-223548 update of the solution#6**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: China Mobile International Ltd*

(Replaces S6-223430)

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

**S6-223224 Update KI#2 evaluation and conclusion**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Ericsson*

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

**S6-223225 Update KI#7 evaluation and conclusion**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Ericsson*

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

**S6-223226 Update KI#8 evaluation and conclusion**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Ericsson*

**Decision:** The document was **revised to S6-223423**.

**S6-223423 Update KI#8 evaluation and conclusion**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Ericsson*

(Replaces S6-223226)

**Discussion:**

Ericsson presented document S6-223423.

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

**S6-223280 Add description to architectural requirements**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Add description to architectural requirements

**Decision:** The document was **revised to S6-223424**.

**S6-223424 Add description to architectural requirements**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Huawei, Hisilicon*

(Replaces S6-223280)

**Discussion:**

Huawei presented document S6-223424.

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

**S6-223281 Overall evaluation and conclusion for KI#2**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Overall evaluation and conclusion for KI#2

**Decision:** The document was **revised to S6-223422**.

**S6-223422 Overall evaluation and conclusion for KI#2**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Huawei, Hisilicon*

(Replaces S6-223281)

**Discussion:**

Huawei presented document S6-223422.

Only change is adding Ericsson as co-source.

**Decision:** The document was **revised to S6-223576**.

**S6-223576 Overall evaluation and conclusion for KI#2**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Huawei, Hisilicon, Ericsson*

(Replaces S6-223422)

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

**S6-223282 Overall evaluation and conclusion for KI#3**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Overall evaluation and conclusion for KI#3

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

**S6-223283 Resolve EN and evaluation for solution #12**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Resolve EN and evaluation for solution #12

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

**S6-223284 Resolve EN and evaluation for solution #1**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Resolve EN and evaluation for solution #1

**Decision:** The document was **revised to S6-223425**.

**S6-223425 Resolve EN and evaluation for solution #1**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Huawei, Hisilicon*

(Replaces S6-223284)

**Discussion:**

Huawei presented document S6-223425.

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

**S6-223285 Resolve EN for Solution #15**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Resolve EN for Solution #15.

**Decision:** The document was **revised to S6-223426**.

**S6-223426 Resolve EN for Solution #15**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Huawei, Hisilicon*

(Replaces S6-223285)

**Discussion:**

Huawei presented document S6-223426.

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

**S6-223286 Solution on SEALDD enabled rate control for different VAL users**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Solution on SEALDD enabled rate control for different VAL users

**Decision:** The document was **revised to S6-223431**.

**S6-223431 Solution on SEALDD enabled rate control for different VAL users**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Huawei, Hisilicon*

(Replaces S6-223286)

**Discussion:**

Huawei presented document S6-223431.

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

**S6-223287 Update evaluation and conclusion for KI#8**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Huawei, Hisilicon*

**Abstract:**

This contribution proposes to update the overall evaluation and conclusion for KI#8, to introduce the corresponding parts of solution #14 and the new introduced solution “SEALDD enabled rate control for different VAL users”.

**Decision:** The document was **revised to S6-223485**.

**S6-223485 Update evaluation and conclusion for KI#8**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Huawei, Hisilicon*

(Replaces S6-223287)

**Decision:** The document was **revised to S6-223625**.

**S6-223625 Update evaluation and conclusion for KI#8**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Huawei, Hisilicon*

(Replaces S6-223485)

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

**S6-223288 Editorial clean up**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for editorial clean up.

**Decision:** The document was **revised to S6-223427**.

**S6-223427 Editorial clean up**

*Type: pCR For: Approval  
 23.700-34 v1.1.1  
 Source: Huawei, Hisilicon*

(Replaces S6-223288)

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

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

**S6-223302 Update to overall evaluation and conclusion**

*Type: pCR For: Approval  
 23.700-64 v1.3.0  
 Source: Huawei, Hisilicon*

**Abstract:**

This contribution provides a proposal for update to overall evaluation and conclusion.

**Discussion:**

Huawei presented the document S6-223302.

Lenovo did not agree with the statement "Solution#4 requires further study on whether UE can initiate VRU..". Discussion to continue offline.

**Decision:** The document was **revised to S6-223390**.

**S6-223390 Update to overall evaluation and conclusion**

*Type: pCR For: Approval  
 23.700-64 v1.3.0  
 Source: Huawei, Hisilicon*

(Replaces S6-223302)

**Discussion:**

Huawei presented document S6-223390.

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

**S6-223313 FS\_eV2XAPP2 Solution#4 update and evaulation**

*Type: pCR For: Approval  
 23.700-64 v1.3.0  
 Source: Convida Wireless*

**Abstract:**

This contribution provides an update and evaluation for Solution #4: UE initiated request for VRU zones.

**Discussion:**

Convida Wireless presented the document S6-223313.

**Decision:** The document was **revised to S6-223391**.

**S6-223391 FS\_eV2XAPP2 Solution#4 update and evaulation**

*Type: pCR For: Approval  
 23.700-64 v1.3.0  
 Source: Convida Wireless*

(Replaces S6-223313)

**Discussion:**

Convida Wireless presented the document S6-223391.

The only change is adding a sentence at the end of clause 6.2.4 reading "Further agreement is needed for the scenario of this solution where UEs can initiate VRU zone creation.".

**Decision:** The document was **revised to S6-223633**.

**S6-223633 FS\_eV2XAPP2 Solution#4 update and evaulation**

*Type: pCR For: Approval  
 23.700-64 v1.3.0  
 Source: Convida Wireless*

(Replaces S6-223391)

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

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

## 10 Future work / New WIDs / Revised WIDs (including related contributions)

**S6-223101 Revised WID on architecture for UAS Applications, Phase 2**

*Type: WID revised For: Agreement  
 Source: SA6*

**Abstract:**

Revised WID on architecture for UAS Applications, Phase 2

**Discussion:**

InterDigital presented document S6-223101.

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

**S6-223128 Revised WID Application layer support for Factories of the Future**

*Type: WID revised For: Approval  
 Source: ZTE Corporation.*

**Abstract:**

Revised WID Application layer support for Factories of the Future

**Discussion:**

ZTE presented the document S6-223128.

Huawei suggested to revise the objectives in order to finish the work in Rel-18.

Motorola Solutions did not agree with reducing the objectives.

Ericsson was of the view that lot of the related study had already been incorporated if not under the current WID then under SEAL, and suggested a new study for gaps.

Samsung was of the view that the WID should finish by Rel-18.

Qualcomm made the remark that it is important to recognise the work that has been completed.

Huawei noted that we could replace the spec number in the WID.

**Decision:** The document was **revised to S6-223445**.

**S6-223445 Revised WID Application layer support for Factories of the Future**

*Type: WID revised For: Approval  
 Source: ZTE Corporation.*

(Replaces S6-223128)

**Discussion:**

Wrong version of the document made available.

**Decision:** The document was **revised to S6-223501**.

**S6-223501 Revised WID Application layer support for Factories of the Future**

*Type: WID revised For: Agreement  
 Source: SA6*

(Replaces S6-223445)

**Discussion:**

ZTE presented the document S6-223501.

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

**S6-223143 New WID on Application layer support for Personal IoT Network**

*Type: WID new For: Agreement  
 Source: vivo*

**Abstract:**

New WID on Application layer support for Personal IoT Network.

**Discussion:**

vivo presented the document S6-223143.

InterDigital suggested to revised the WID to take into account Key issue 3 and 5.

Motorola Solutions noted that the completion date needs to be revised (March -23) in order to fit the Rel-18 timeline in case that is the target release.

It was also noted that the document was using the wrong template missing the target release.

Ericsson requested for a realistic plan for what can be achieved within Rel-18.

**Decision:** The document was **revised to S6-223470**.

**S6-223470 New WID on Application layer support for Personal IoT Network**

*Type: WID new For: Approval  
 Source: vivo*

(Replaces S6-223143)

**Discussion:**

vivo presented the document S6-223470.

The only changes are:

- applying the latest template and

- setting the target release as Rel-18.

**Decision:** The document was **revised to S6-223619**.

**S6-223619 New WID on Application layer support for Personal IoT Network**

*Type: WID new For: Approval  
 Source: SA6*

(Replaces S6-223470)

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

**S6-223212 Revised WID on architecture for enabling Edge Applications Phase 2**

*Type: WID revised For: Approval  
 Source: Samsung*

**Abstract:**

Revised WID on architecture for enabling Edge Applications Phase 2

**Discussion:**

Samsung presented the document S6-223212.

**Decision:** The document was **revised to S6-223471**.

**S6-223471 Revised WID on architecture for enabling Edge Applications Phase 2**

*Type: WID revised For: Approval  
 Source: SA6*

(Replaces S6-223212)

**Discussion:**

Samsung presented the document S6-223471.

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

**S6-223303 Revised WID for Study on application layer support for V2X services; Phase 3**

*Type: WID revised For: Agreement  
 Source: SA6*

**Abstract:**

Proposal for Revised WID for Study on application layer support for V2X services; Phase 3

**Discussion:**

Huawei presented contribution S6-223303.

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

**S6-223304 Revised WID on application layer support for V2X services; Phase 3**

*Type: WID revised For: Agreement  
 Source: SA6*

**Abstract:**

Proposal for Revised WID on application layer support for V2X services; Phase 3

**Discussion:**

Huawei presented document S6-223304.

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

**S6-223305 Revised WID on SEAL data delivery enabler for vertical applications**

*Type: WID revised For: Agreement  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Revised WID on SEAL data delivery enabler for vertical applications

**Discussion:**

Huawei presented document S6-223305.

**Decision:** The document was **revised to S6-223472**.

**S6-223472 Revised WID on SEAL data delivery enabler for vertical applications**

*Type: WID revised For: Agreement  
 Source: SA6*

(Replaces S6-223305)

**Discussion:**

Huawei presented document S6-223472.

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

**S6-223324 Revised WID on Service Enabler Architecture Layer for Verticals Phase 3**

*Type: WID revised For: Approval  
 Source: SA6*

(Replaces S6-223074)

**Abstract:**

Revised WID on Service Enabler Architecture Layer for Verticals Phase 3

**Discussion:**

Samsung presented document S6-223324.

It was noted that a previous version of the revised WID was agreed during SA6#51-e. The present document replaced the version agreed during SA6#51-e.

It was further noted that MCC is requested to change the WID acronym to read "SEAL\_Ph3" (as opposed to "SEAL\_PH3") in the submission to plenary.

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

**S6-223187 Discussion on Network enabler for XR and Metaverse Services**

*Type: discussion For: Discussion  
 Source: China Mobile (Suzhou) Software*

**Discussion:**

China Mobile presented the document S6-223187.

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

## 11 Work Plan review

**S6-223102 Presentation of Report to TSG SA: TR 23.700-55, Version 2.0.0**

*Type: TS or TR cover For: Approval  
 23.700-55 v2.0.0  
 Source: SA6*

**Discussion:**

InterDigital presented the S6-223102.

Only change is replacing "of" with "for" in key issue d).

**Decision:** The document was **revised to S6-223473**.

**S6-223473 Presentation of Report to TSG SA: TR 23.700-55, Version 2.0.0**

*Type: TS or TR cover For: Approval  
 23.700-55 v2.0.0  
 Source: SA6*

(Replaces S6-223102)

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

**S6-223163 Presentation of Report to TSG: 3GPP TR 23.700-38, Version 0.5.0**

*Type: TS or TR cover For: Approval  
 23.700-38 v0.4.0  
 Source: SA6*

**Discussion:**

BDBOS presented the document S6-223163.

**Decision:** The document was **revised to S6-223474**.

**S6-223474 Presentation of Report to TSG: 3GPP TR 23.700-38, Version 0.5.0**

*Type: TS or TR cover For: Approval  
 23.700-38 v0.4.0  
 Source: SA6*

(Replaces S6-223163)

**Abstract:**

Presentation of TR 23.700-38 for information.

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

**S6-223183 Presentation of Report to TSG: TR 23.700-95, Version 1.7.0**

*Type: TS or TR cover For: Approval  
 23.700-95 v1.6.0  
 Source: SA6*

**Discussion:**

NTT DOCOMO presented document S6-223183.

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

**S6-223264 Presentation of TR 23700-98\_v140 for Approval**

*Type: TS or TR cover For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

**Abstract:**

Presentation of TR 23700-98\_v140 for Approval

**Discussion:**

Samsung presented the document S6-223264.

**Decision:** The document was **revised to S6-223475**.

**S6-223475 Presentation of TR 23700-98\_v140 for Approval**

*Type: TS or TR cover For: Approval  
 23.700-98 v1.3.0  
 Source: Samsung*

(Replaces S6-223264)

**Abstract:**

Presentation of TR 23.700-98 for approval.

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

**S6-223306 Presentation of Report to TSG SA: TR 23.700-64, Version 1.4.0**

*Type: TS or TR cover For: Agreement  
 23.700-64 v..  
 Source: Huawei, Hisilicon*

**Abstract:**

Coversheet for Presentation of Report to TSG SA: TR 23.700-64, Version 1.4.0

**Discussion:**

Huawei presented the document S6-223306.

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

**S6-223307 Presentation of Report to TSG SA: TR 23.700-34, Version 1.2.0**

*Type: TS or TR cover For: Agreement  
 23.700-34 v..  
 Source: Huawei, Hisilicon*

**Abstract:**

Presentation of TR 23.700-34 for approval.

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

**S6-223086 SA6#52-e Work Plan Review**

*Type: Work Plan For: Discussion  
 Source: SA6 Chair*

**Abstract:**

SA6#52-e Work Plan Review

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

**S6-223133 Presentation of Report to TSG SA:**

**TR 23.700-78, Version 0.7.0**

*Type: TS or TR cover For: Approval  
 23.700-78 v..  
 Source: vivo*

**Abstract:**

Presentation of

TR 23.700-78 for information.

**Decision:** The document was **revised to S6-223486**.

**S6-223486 Presentation of Report to TSG SA:**

**TR 23.700-78, Version 0.7.0**

*Type: TS or TR cover For: Approval  
 23.700-78 v..  
 Source: vivo*

(Replaces S6-223133)

**Discussion:**

vivo presented the document S6-223486.

**Decision:** The document was **revised to S6-223581**.

**S6-223581 Presentation of Report to TSG SA:**

**TR 23.700-78, Version 0.7.0**

*Type: TS or TR cover For: Approval  
 23.700-78 v..  
 Source: SA6*

(Replaces S6-223486)

**Discussion:**

vivo presented the document S6-223581.

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

**S6-223573 Presentation of Specification to TSG SA: TS 23.433, Version 0.2.0**

*Type: TS or TR cover For: discussion  
 23.433 v..  
 Source: Huawei*

**Abstract:**

Presentation of specification TS 23.433 for information.

**Discussion:**

Huawei presented the document S6-223573.

Replace "TR" with "TS".

**Decision:** The document was **revised to S6-223612**.

**S6-223612 Presentation of Specification to TSG SA: TS 23.433, Version 0.2.0**

*Type: TS or TR cover For: discussion  
 Source: SA6*

(Replaces S6-223573)

**Abstract:**

Presentation of TS 23.433 for information.

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

## 12 Future meetings

See Annex I

## 13 AOB

During the course of the meeting Martin Oettl (Nokia) was handed over the 3GPP Excellence Award recognising his contribution to 3GPP. This was in fact an 2021 award but due to restrictions the actual award was handed over now in the physical meeting.

## 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 |
| S6-223081 | SA6 Meeting 52-e Agenda | SA6 Chair | approved |  |  |
| S6-223082 | SA6 Meeting 51-e Report | MCC | approved |  |  |
| S6-223083 | SA6 Meeting #52-e - Agenda with Tdocs allocation after submission deadline | SA6 Chair | noted |  |  |
| S6-223084 | SA6 Meeting #52-e - Agenda with Tdocs allocation at start of the meeting | SA6 Chair | approved |  |  |
| S6-223085 | SA6 Meeting #52-e - Chair's notes at end of the meeting | SA6 Chair | noted |  |  |
| S6-223086 | SA6#52-e Work Plan Review | SA6 Chair | noted |  |  |
| S6-223087 | Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge | SA2 | replied to |  |  |
| S6-223088 | LS reply to 3GPP SA6 on Clarification of Edge Node Sharing | GSMA OPG | replied to |  |  |
| S6-223089 | LS reply to GSMA OPAG on E/WBI | ETSI ISG MEC | noted |  |  |
| S6-223090 | 5G capabilities exposure for factories of the future – identified gaps | 5G Alliance for Connected Industries and Automation (5G-ACIA) | noted |  |  |
| S6-223091 | 3GPP TR 23.700-98 V1.2.0 Analysis | OPG Operator Platform API Group | withdrawn |  |  |
| S6-223092 | Reply LS on 5MBS User Services | SA4 | noted |  |  |
| S6-223093 | Reply LS on Security Requirements for the MSGin5G Service | SA3 | noted |  |  |
| S6-223094 | LS on SNAAPP requirements clarifications | SA3 | replied to |  |  |
| S6-223095 | Draft LS reply on CAPIF authorization roles related to FS\_SNAAPP | SA3 | replied to |  |  |
| S6-223096 | Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network | SA3 | replied to |  |  |
| S6-223097 | Discussion on DAA for the study FS\_eUASAPP | InterDigital | noted |  |  |
| S6-223098 | New Solution: Support for DAA | InterDigital | revised | S6-222865 | S6-223393 |
| S6-223099 | Overall evaluation and conclusion for KI #4 | InterDigital | revised |  | S6-223447 |
| S6-223100 | Minor corrections | InterDigital | approved |  |  |
| S6-223101 | Revised WID on architecture for UAS Applications, Phase 2 | SA6 | agreed |  |  |
| S6-223102 | Presentation of Report to TSG SA: TR 23.700-55, Version 2.0.0 | SA6 | revised |  | S6-223473 |
| S6-223103 | 3GPP TR 23.700-98 V1.2.0 Analysis | OPG Operator Platform API Group | replied to |  |  |
| S6-223104 | Correction to clause 1 | one2many B.V. | revised |  | S6-223435 |
| S6-223105 | Correction to clause 5.1 | one2many B.V. | agreed |  |  |
| S6-223106 | Correction to clause 6.1.4 | one2many B.V. | revised |  | S6-223436 |
| S6-223107 | Correction to table 8.2.1-3 | one2many B.V. | not pursued |  |  |
| S6-223108 | Corrections to clause 9.1.1.4 | one2many B.V. | revised |  | S6-223437 |
| S6-223109 | Corrections to clause 10 | one2many B.V. | revised |  | S6-223438 |
| S6-223110 | Note on status reporting of broadcast message | one2many B.V. | revised |  | S6-223439 |
| S6-223111 | Correction of Store and Forward procedures | one2many B.V. | merged |  | S6-223440 |
| S6-223112 | Resolution on Editor's Note on segmentation of Broadcast message | one2many B.V. | not pursued |  |  |
| S6-223113 | Resolution on EN about UE type | one2many B.V. | revised |  | S6-223441 |
| S6-223114 | Work Planning | SA6 Chair | revised |  | S6-223634 |
| S6-223115 | LS on GSMA OPG PRDs publication | GSMA OPG | noted |  |  |
| S6-223116 | Solution on provide interconnection group IDs | Netherlands Police | revised |  | S6-223352 |
| S6-223117 | Resolution on Editor's Note on Priority IE for constrained devices | one2many B.V. | agreed |  |  |
| S6-223118 | Pseudo-CR on Sol#2 Update | CATT | approved |  |  |
| S6-223119 | Pseudo-CR on Sol#5 Update | CATT | approved |  |  |
| S6-223120 | Pseudo-CR on Sol#6 Update | CATT | approved |  |  |
| S6-223121 | Pseudo-CR on Sol#7 Update | CATT | approved |  |  |
| S6-223122 | Pseudo-CR on Conclusion Update | CATT | approved |  |  |
| S6-223123 | Correction to clause 8.4.2 | one2many B.V. | revised |  | S6-223442 |
| S6-223124 | SEALDD - Redundant path establishment with dual UE – dual UP | Ericsson LM | revised |  | S6-223444 |
| S6-223125 | KI#9 ENs and Sol#42 dependency | InterDigital | approved |  |  |
| S6-223126 | ACR scenario combination | InterDigital, Samsung | revised | S6-222886 | S6-223484 |
| S6-223127 | Dynamic EAS instantiation enhancements | InterDigital | revised |  | S6-223468 |
| S6-223128 | Revised WID Application layer support for Factories of the Future | ZTE Corporation. | revised |  | S6-223445 |
| S6-223129 | Application layer architecture update discussion | ZTE Corporation. | noted |  |  |
| S6-223130 | Application layer architecture update | ZTE Corporation. | revised |  | S6-223476 |
| S6-223131 | Add description of NOTE for option#5 | NTT DOCOMO INC. | noted |  |  |
| S6-223132 | Add description of use cases for option#4 | NTT DOCOMO INC. | revised |  | S6-223372 |
| S6-223133 | Presentation of Report to TSG SA:  TR 23.700-78, Version 0.7.0 | vivo | revised |  | S6-223486 |
| S6-223134 | Clear some of the ENs in PINAPP TR | vivo | revised |  | S6-223358 |
| S6-223135 | Conclusion and evaluation of PINAPP architeture | vivo | revised |  | S6-223359 |
| S6-223136 | Conclusion and evaluation of insert or remove PINE | vivo | revised |  | S6-223360 |
| S6-223137 | Conclusion and evaluation of KI3 service switch | vivo | revised |  | S6-223361 |
| S6-223138 | Conclusion and evaluation of credentials provision | vivo | revised |  | S6-223363 |
| S6-223139 | Conclusion update for PIN 5GS communication | vivo | revised |  | S6-223364 |
| S6-223140 | Conclusion update for PIN delete | vivo | revised |  | S6-223365 |
| S6-223141 | Solution update for PEGC trigger PDU session for 5GS communication | vivo | revised |  | S6-223366 |
| S6-223142 | Solution update for PIN profile | vivo | revised |  | S6-223367 |
| S6-223143 | New WID on Application layer support for Personal IoT Network | vivo | revised |  | S6-223470 |
| S6-223144 | Reference Point Cardinality of PINAPP | vivo | noted |  |  |
| S6-223145 | Pseudo-CR on add information flows and APIs of performance and analytics monitoring capability exposure | Huawei Technologies Co. Ltd. | revised |  | S6-223450 |
| S6-223146 | Discussion on VAL data collection management in NSCE function | Huawei Technologies Co. Ltd. | noted |  |  |
| S6-223147 | Decoupling of signalling and media paths for MCPTT | Nokia, Nokia Shanghai Bell, UIC, Kontron Transportation France | revised |  | S6-223329 |
| S6-223148 | Decoupling of signalling and media paths for MCVideo | Nokia, Nokia Shanghai Bell, UIC, Kontron Transportation France | revised |  | S6-223330 |
| S6-223149 | Private call handling when migrating through multiple MC systems | Nokia, Nokia Shanghai Bell, Ericsson | revised |  | S6-223328 |
| S6-223150 | Ad hoc group emergency alert | Nokia, Nokia Shanghai Bell | revised |  | S6-223368 |
| S6-223151 | Description for the terms used in the Ad hoc Group Communication procedures | Samsung R&D Institute India | revised |  | S6-223346 |
| S6-223152 | Information flows for the ad hoc group call | Samsung R&D Institute India | revised |  | S6-223347 |
| S6-223153 | Ad hoc group call procedures in single MCPTT system | Samsung R&D Institute India | revised |  | S6-223536 |
| S6-223154 | Ad hoc group call procedures in multiple MCPTT system | Samsung R&D Institute India | revised |  | S6-223348 |
| S6-223155 | Modifying participants list of on-going ad hoc group call in single MCPTT system | Samsung R&D Institute India | revised |  | S6-223349 |
| S6-223156 | Configuration parameters for Ad hoc group call | Samsung R&D Institute India | revised |  | S6-223350 |
| S6-223157 | Exchange Initial MC service UE configuration data between MC systems | BDBOS, Nokia, Nokia Shanghai Bell, Ericsson | revised |  | S6-223353 |
| S6-223158 | Description for the terms used in the location management procedures | Samsung Electronics Romania | revised | S6-222841 | S6-223341 |
| S6-223159 | Solution on request group ID | BDBOS, MINISTERE DE L'INTERIEUR, Ericsson | revised | S6-222956 | S6-223354 |
| S6-223160 | Architecture enhancements conclusion for roaming UEs | Samsung | revised |  | S6-223374 |
| S6-223161 | Update configuration for MC service user migrated in partner MC system | BDBOS | revised |  | S6-223355 |
| S6-223162 | Editorial corrections | BDBOS | approved |  |  |
| S6-223163 | Presentation of Report to TSG: 3GPP TR 23.700-38, Version 0.5.0 | SA6 | revised |  | S6-223474 |
| S6-223164 | Composite EAS context management | Samsung | revised |  | S6-223252 |
| S6-223165 | Invoke non-roaming UE location | Samsung | revised | S6-222946 | S6-223253 |
| S6-223166 | KI#20 conclusion 23700-98 | Samsung | revised |  | S6-223254 |
| S6-223167 | Supporting Exposure of EAS Service APIs using CAPIF | ETRI, Uangel | revised |  | S6-223409 |
| S6-223168 | MSGin5G Message transmission | Huawei, HiSilicon | withdrawn |  |  |
| S6-223169 | Rewording some steps in clause 8.4.2 | Huawei, HiSilicon | agreed |  |  |
| S6-223170 | Correction to the PIN modification triggered by PEGC | BEIJING SAMSUNG TELECOM R&D | approved |  |  |
| S6-223171 | MSGin5G Message transmission | Huawei, HiSilicon, China Mobile | postponed |  |  |
| S6-223172 | Updates to the terms and abbreviations | BEIJING SAMSUNG TELECOM R&D | approved |  |  |
| S6-223173 | Description for reference points PIN-11 and PIN-12 | BEIJING SAMSUNG TELECOM R&D | merged |  | S6-223366 |
| S6-223174 | EEC triggering via SMS over NAS to perform service provisioning | Samsung | revised |  | S6-223408 |
| S6-223175 | Updates to the conclusion of KI#1 | BEIJING SAMSUNG TELECOM R&D | revised |  | S6-223370 |
| S6-223176 | Resolving ENs in clause 6.2 | NTT DOCOMO, Huawei | approved |  |  |
| S6-223177 | Additional CAPIF architectural requirements for SNA | NTT DOCOMO | revised |  | S6-223458 |
| S6-223178 | CAPIF business relationship updates for SNA | NTT DOCOMO | revised |  | S6-223459 |
| S6-223179 | CAPIF functional model updates for SNA | NTT DOCOMO | revised |  | S6-223460 |
| S6-223180 | API invoker obtaining authorization from resource owner | NTT DOCOMO | revised |  | S6-223461 |
| S6-223181 | Discover a proper AEF with owner information | NTT DOCOMO | revised |  | S6-223462 |
| S6-223182 | Reducing resource owner consent inquiry in a nested API invocation | NTT DOCOMO | revised |  | S6-223463 |
| S6-223183 | Presentation of Report to TSG: TR 23.700-95, Version 1.7.0 | SA6 | approved |  |  |
| S6-223184 | LS reply on SNAAPP requirements clarifications | NTT DOCOMO | revised |  | S6-223336 |
| S6-223185 | LS reply on CAPIF authorization roles related to FS\_SNAAPP | NTT DOCOMO | revised |  | S6-223337 |
| S6-223186 | Updates to the evaluation of KI#1 | BEIJING SAMSUNG TELECOM R&D | approved |  |  |
| S6-223187 | Discussion on Network enabler for XR and Metaverse Services | China Mobile (Suzhou) Software | noted |  |  |
| S6-223188 | Evaluation of KI#6 | BEIJING SAMSUNG TELECOM R&D | revised |  | S6-223384 |
| S6-223189 | Conclusion of KI#6 | BEIJING SAMSUNG TELECOM R&D | revised |  | S6-223385 |
| S6-223190 | eEDGE\_Application traffic influence trigger from EAS | China Mobile (Suzhou) Software | revised |  | S6-223481 |
| S6-223191 | Managing multiple PEMCs in a PIN | Samsung, Vivo | approved |  |  |
| S6-223192 | Evaluation of sol#9 | China Mobile (Suzhou) Software | revised |  | S6-223451 |
| S6-223193 | Interaction between the NSCE servers | China Mobile (Suzhou) Software | revised |  | S6-223452 |
| S6-223194 | Update and correction of Application layer network slice lifecycle management | China Mobile (Suzhou) Software | revised |  | S6-223453 |
| S6-223195 | VAL Service Area discussion - Comments and clarifications | BEIJING SAMSUNG TELECOM R&D | noted |  |  |
| S6-223196 | Updates to 23.222 to enable stage 3 CAPIF extensions | Nokia, Nokia Shanghai Bell, Apple, Intel, Huawei | noted |  |  |
| S6-223197 | VAL service area identifier usage | BEIJING SAMSUNG TELECOM R&D | revised |  | S6-223416 |
| S6-223198 | Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network | Intel Technology India Pvt Ltd | revised | S6-222661 | S6-223332 |
| S6-223199 | CAPIF extensibility as requested by ETSI ISG MEC | Nokia, Nokia Shanghai Bell, Apple, Intel, Huawei | revised |  | S6-223421 |
| S6-223200 | Edge Repository EWBI Interface | Intel Technology India Pvt Ltd | revised |  | S6-223373 |
| S6-223201 | S6-SEALDD\_Update KI #8 for SEALDD enabled rate control for different VAL users | China Mobile Com. Corporation | revised |  | S6-223429 |
| S6-223202 | update of the solution#6 | China Mobile International Ltd | revised |  | S6-223430 |
| S6-223203 | update of the TS23433 Annex B | China Mobile International Ltd | revised |  | S6-223432 |
| S6-223204 | MSGin5G UE bulk Configuration over MSGin5G-6 reference point | China Mobile International Ltd | revised |  | S6-223443 |
| S6-223205 | usage of device triggering before store and forward | China Mobile International Ltd | revised |  | S6-223440 |
| S6-223206 | remove EN in clause 8.9.2 | China Mobile International Ltd | agreed |  |  |
| S6-223207 | Update of the VAL server registration | China Mobile International Ltd | approved |  |  |
| S6-223208 | update of the Slice API configuration and translation | China Mobile International Ltd | revised |  | S6-223477 |
| S6-223209 | add Cause IE to NSCE information flows | China Mobile International Ltd | agreed |  |  |
| S6-223210 | AF traffic influence for a given EAS | Samsung | revised |  | S6-223482 |
| S6-223211 | Reply LS on Clarification of Edge Node Sharing | Samsung | revised |  | S6-223333 |
| S6-223212 | Revised WID on architecture for enabling Edge Applications Phase 2 | Samsung | revised |  | S6-223471 |
| S6-223213 | Handling of UE Mobility pattern | Samsung | revised | S6-222921 | S6-223378 |
| S6-223214 | SEAL Registrar service | Samsung | revised | S6-222922 | S6-223417 |
| S6-223215 | Pseudo-CR on solution to KI#13 - Edge enabler layer support for EAS synchronization | Samsung | revised | S6-222756 | S6-223380 |
| S6-223216 | correction for EEC registration expiration time | Samsung | revised | S6-222757 | S6-223626 |
| S6-223217 | overall evaluation and conclusion for KI#22 | Samsung | revised |  | S6-223402 |
| S6-223218 | overall evaluation and conclusion for KI#23 | Samsung | merged |  | S6-223403 |
| S6-223219 | Deployment models | Samsung | revised |  | S6-223377 |
| S6-223220 | EEL service differentiation | Ericsson | revised | S6-222960 | S6-223379 |
| S6-223221 | Correction of reference to solution for Key Issue 1 | InterDigital | approved |  |  |
| S6-223222 | KI#20 conclusion | Ericsson | approved |  | - |
| S6-223223 | KI#23 conclusion | Ericsson | revised |  | S6-223403 |
| S6-223224 | Update KI#2 evaluation and conclusion | Ericsson | merged |  | S6-223576 |
| S6-223225 | Update KI#7 evaluation and conclusion | Ericsson | approved |  |  |
| S6-223226 | Update KI#8 evaluation and conclusion | Ericsson | revised |  | S6-223423 |
| S6-223227 | Reply LS on 5G capabilities exposure for factories of the future – identified gaps | SA6 | withdrawn |  |  |
| S6-223228 | Reply LS on user’s consent for EDGEAPP | SA6 | revised |  | S6-223339 |
| S6-223229 | private call towards a migrated MC user | Ericsson | revised | S6-222948 | S6-223344 |
| S6-223230 | correction for EEC registration expiration time | SAMSUNG R&D INSTITUTE JAPAN | revised |  | S6-223627 |
| S6-223231 | Discovery of management service exposure | Lenovo Future Communications | revised | S6-222945 | S6-223449 |
| S6-223232 | ADAE functional architecture | Lenovo Future Communications | revised |  | S6-223454 |
| S6-223233 | ADAE functional model in SEAL architecture | Lenovo Future Communications | revised |  | S6-223457 |
| S6-223234 | Support for VRU zone configuration and operation | Lenovo Future Communications | revised |  | S6-223392 |
| S6-223235 | Support for VAL performance analytics | Lenovo Future Communications | approved |  |  |
| S6-223236 | Support for UE to UE session analytics | Lenovo Future Communications | revised |  | S6-223455 |
| S6-223237 | Support for slice related performance analytics | Lenovo Future Communications | approved |  |  |
| S6-223238 | Support for location accuracy analytics | Lenovo Future Communications | revised |  | S6-223456 |
| S6-223239 | ACR update in service continuity planning | Lenovo Future Communications | revised |  | S6-223414 |
| S6-223240 | Correction of ACR management notification | Huawei, HiSilicon | agreed |  |  |
| S6-223241 | Correction of ACR management notification | Huawei, HiSilicon | agreed |  |  |
| S6-223242 | Update ACR scenarios with ACR parameter procedure | Huawei, HiSilicon | revised |  | S6-223410 |
| S6-223243 | Update ACR management notification to include ACR parameters | Huawei, HiSilicon | revised |  | S6-223411 |
| S6-223244 | Addition of prediction expiration time IE and ACR information procedure | Huawei, HiSilicon | revised | S6-222949 | S6-223412 |
| S6-223245 | Conclusion of KI#6 and KI#10 | Huawei, HiSilicon | merged | S6-223054 | S6-223322 |
| S6-223246 | Pseudo-CR on Solution for KI#16 support of NAT deployed within the EDN | Apple Portugal | revised |  | S6-223381 |
| S6-223247 | Discussion on the PIN-9 Reference Point | InterDigital | noted |  |  |
| S6-223248 | KI#3 Evaluation Update | InterDigital | revised |  | S6-223362 |
| S6-223249 | Overall evaluation and conclusion for Invoke non-roaming UE location | Samsung | merged |  | S6-223401 |
| S6-223250 | Conclusion of KI#4 | vivo | revised |  | S6-223533 |
| S6-223251 | Evaluation of service continuity | vivo | merged |  | S6-223388 |
| S6-223252 | Composite EAS context management | Samsung | revised | S6-223164 | S6-223396 |
| S6-223253 | Invoke non-roaming UE location | Samsung | revised | S6-223165 | S6-223401 |
| S6-223254 | KI#20 conclusion 23700-98 | Samsung | revised | S6-223166 | S6-223478 |
| S6-223255 | Pseudo-CR on adding abbreviations | Samsung | approved |  |  |
| S6-223256 | Pseudo-CR on architecture requirements cleanup | Samsung | approved |  | - |
| S6-223257 | Pseudo-CR on architecture enhancements cleanup | Samsung | approved |  | - |
| S6-223258 | FS\_eEDGEAPP\_architecture\_enhancements\_rearrange | Samsung | revised | - | S6-223371 |
| S6-223259 | FS\_eEDGEAPP\_editorials | Samsung | approved |  |  |
| S6-223260 | Pseudo-CR on updating solution #24 | Samsung | revised |  | S6-223375 |
| S6-223261 | Pseudo-CR on updating clause 10.2.0 | Samsung | revised |  | S6-223404 |
| S6-223262 | Pseudo-CR on overall evaluation and conclusion for KI#13 | Samsung | approved |  |  |
| S6-223263 | FS\_eEDGEAPP\_conclusion for KI 17 | Samsung | merged |  | S6-223617 |
| S6-223264 | Presentation of TR 23700-98\_v140 for Approval | Samsung | revised |  | S6-223475 |
| S6-223265 | Editorial corrections to 23.700-78 | BEIJING SAMSUNG TELECOM R&D | approved |  |  |
| S6-223266 | KI#3 Conclusion | InterDigital | merged |  | S6-223361 |
| S6-223267 | New solution for KI#5 – PIN Service continuity | InterDigital | revised | S6-222877 | S6-223386 |
| S6-223268 | Ad hoc group call procedures | Huawei, Hisilicon | revised |  | S6-223351 |
| S6-223269 | Data storage creation | Huawei, Hisilicon | revised |  | S6-223428 |
| S6-223270 | Resolve EN for E2E redundant transmission | Huawei, Hisilicon | revised |  | S6-223433 |
| S6-223271 | Resolve EN for regular connection establishment | Huawei, Hisilicon | revised |  | S6-223434 |
| S6-223272 | EAS instantiation status provisioned by ECS | Huawei, Hisilicon | revised |  | S6-223479 |
| S6-223273 | EES determines the selected ACR scenario | Huawei, Hisilicon | revised | S6-222991 | S6-223483 |
| S6-223274 | Traffic influence for initial EAS discovery | Huawei, Hisilicon | revised | S6-222993 | S6-223480 |
| S6-223275 | Resolve ENs on EES monitoring the UE mobility for service continuity planning | Huawei, Hisilicon | revised |  | S6-223415 |
| S6-223276 | Clarification on the deployment of bundle EAS | Huawei, Hisilicon | revised |  | S6-223340 |
| S6-223277 | Service continuity between 5G MBS delivery and unicast delivery | Huawei, Hisilicon | revised |  | S6-223418 |
| S6-223278 | VAL service inter-system switching between 5G and LTE | Huawei, Hisilicon | revised |  | S6-223419 |
| S6-223279 | VAL service over 5GS supporting EPS interworking | Huawei, Hisilicon | revised |  | S6-223420 |
| S6-223280 | Add description to architectural requirements | Huawei, Hisilicon | revised |  | S6-223424 |
| S6-223281 | Overall evaluation and conclusion for KI#2 | Huawei, Hisilicon | revised |  | S6-223422 |
| S6-223282 | Overall evaluation and conclusion for KI#3 | Huawei, Hisilicon | approved |  |  |
| S6-223283 | Resolve EN and evaluation for solution #12 | Huawei, Hisilicon | approved |  |  |
| S6-223284 | Resolve EN and evaluation for solution #1 | Huawei, Hisilicon | revised |  | S6-223425 |
| S6-223285 | Resolve EN for Solution #15 | Huawei, Hisilicon | revised |  | S6-223426 |
| S6-223286 | Solution on SEALDD enabled rate control for different VAL users | Huawei, Hisilicon | revised |  | S6-223431 |
| S6-223287 | Update evaluation and conclusion for KI#8 | Huawei, Hisilicon | revised |  | S6-223485 |
| S6-223288 | Editorial clean up | Huawei, Hisilicon | revised |  | S6-223427 |
| S6-223289 | Resolve EN and evaluation for solution #46 | Huawei, Hisilicon | revised |  | S6-223500 |
| S6-223290 | Resolve EN and evaluation for solution #47 | Huawei, Hisilicon | revised |  | S6-223531 |
| S6-223291 | Update overall evaluation for KI#18 | Huawei, Hisilicon | revised |  | S6-223395 |
| S6-223292 | Solution for EEL assist the application layer to determine the common EAS | Huawei, Hisilicon | revised | S6-223017 | S6-223394 |
| S6-223293 | Evaluation on solution#45 EAS discovery for edge node sharing | Huawei, Hisilicon | revised |  | S6-223397 |
| S6-223294 | Resolve EN in solution #45 | Huawei, Hisilicon | revised |  | S6-223398 |
| S6-223295 | Resolve EN in solution#25 | Huawei, Hisilicon | revised |  | S6-223376 |
| S6-223296 | Solution for EAS discovery in Edge Node sharing scenario | Huawei, Hisilicon | revised |  | S6-223399 |
| S6-223297 | Update to solution#31 | Huawei, Hisilicon | revised |  | S6-223382 |
| S6-223298 | Overall evaluation for common EAS | Huawei, Hisilicon, Apple | revised |  | S6-223383 |
| S6-223299 | PINE registration via the PEGC | Huawei, Hisilicon | revised |  | S6-223387 |
| S6-223300 | Discussion about DAA | Huawei, Hisilicon | noted |  |  |
| S6-223301 | UAE layer support for DAA | Huawei, Hisilicon | revised |  | S6-223446 |
| S6-223302 | Update to overall evaluation and conclusion | Huawei, Hisilicon | revised |  | S6-223390 |
| S6-223303 | Revised WID for Study on application layer support for V2X services; Phase 3 | SA6 | agreed |  |  |
| S6-223304 | Revised WID on application layer support for V2X services; Phase 3 | SA6 | agreed |  |  |
| S6-223305 | Revised WID on SEAL data delivery enabler for vertical applications | Huawei, Hisilicon | revised |  | S6-223472 |
| S6-223306 | Presentation of Report to TSG SA: TR 23.700-64, Version 1.4.0 | Huawei, Hisilicon | approved |  |  |
| S6-223307 | Presentation of Report to TSG SA: TR 23.700-34, Version 1.2.0 | Huawei, Hisilicon | approved |  |  |
| S6-223308 | Fix in solution #25 CAS initiated ACR via ECS | KPN N.V. | merged |  | S6-223542 |
| S6-223309 | PIN Localization | Convida Wireless | merged |  | S6-223358 |
| S6-223310 | Multi-user Session Synchronization Solution | Convida Wireless | revised |  | S6-223405 |
| S6-223311 | Reliable Edge Service with back-up EES | Convida Wireless | revised |  | S6-223407 |
| S6-223312 | Address 7.27.3 EN on CAAR sync | Convida Wireless | revised |  | S6-223406 |
| S6-223313 | FS\_eV2XAPP2 Solution#4 update and evaulation | Convida Wireless | revised |  | S6-223391 |
| S6-223314 | ACR request trigger timing | KPN N.V. | revised | S6-222740 | S6-223413 |
| S6-223315 | KI#5 Overall Evaluation | InterDigital | revised |  | S6-223388 |
| S6-223316 | MCShAC request to add users for migration to a partner system | Motorola Solutions UK Ltd. | revised |  | S6-223356 |
| S6-223317 | EDGE-5 - AC registration | Qualcomm | revised |  | S6-223464 |
| S6-223318 | EDGE-5 - EAS discovery | Qualcomm | revised |  | S6-223465 |
| S6-223319 | EDGE-5 - ACR | Qualcomm | revised |  | S6-223466 |
| S6-223320 | EDGE-5 - Subscription | Qualcomm | revised |  | S6-223467 |
| S6-223321 | Updates to involved entities and relationships | Qualcomm | agreed |  |  |
| S6-223322 | Enhanced ECS for federation and roaming | Qualcomm, AT&T, NTT Docomo, Convida, Intel, Samsung, InterDigital, Deutsche Telekom, Huawei | approved |  |  |
| S6-223323 | MCShAC request to remove users for migration from a partner system | Motorola Solutions UK Ltd. | revised |  | S6-223327 |
| S6-223324 | Revised WID on Service Enabler Architecture Layer for Verticals Phase 3 | SA6 | agreed | S6-223074 |  |
| S6-223325 | KI#5 Overall Conclusion | InterDigital | revised |  | S6-223389 |
| S6-223326 | Requirements for support for DAA | InterDigital | revised | S6-222364 | S6-223448 |
| S6-223327 | MCShAC request to remove users for migration from a partner system | Motorola Solutions | revised | S6-223323 | S6-223357 |
| S6-223328 | Private call handling when migrating through multiple MC systems | Nokia, Nokia Shanghai Bell, Ericsson, FirstNet | revised | S6-223149 | S6-223345 |
| S6-223329 | Decoupling of signalling and media paths for MCPTT | Nokia, Nokia Shanghai Bell, UIC, Kontron Transportation France, Ericsson | revised | S6-223147 | S6-223342 |
| S6-223330 | Decoupling of signalling and media paths for MCVideo | Nokia, Nokia Shanghai Bell, UIC, Kontron Transportation France, Ericsson | revised | S6-223148 | S6-223343 |
| S6-223331 | Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network | Apple | revised | - | S6-223511 |
| S6-223332 | Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network | Intel Technology India Pvt Ltd | revised | S6-223198 | S6-223487 |
| S6-223333 | Reply LS on Clarification of Edge Node Sharing | Samsung | revised | S6-223211 | S6-223506 |
| S6-223334 | Reply LS on Network federation interface for Telco edge consideration for a consolidated reply | Huawei | revised | - | S6-223553 |
| S6-223335 | LS on Reply LS on 3GPP TR 23.700-98 V1.2.0 Analysis | Samsung | revised | - | S6-223508 |
| S6-223336 | LS reply on SNAAPP requirements clarifications | NTT DOCOMO | revised | S6-223184 | S6-223488 |
| S6-223337 | LS reply on CAPIF authorization roles related to FS\_SNAAPP | NTT DOCOMO | revised | S6-223185 | S6-223489 |
| S6-223338 | LS on availability of completed study in TR 23.700-98 | Samsung | revised | - | S6-223523 |
| S6-223339 | Reply LS on user’s consent for EDGEAPP | SA6 | approved | S6-223228 | - |
| S6-223340 | Clarification on the deployment of bundle EAS | Huawei, Hisilicon | revised | S6-223276 | S6-223507 |
| S6-223341 | Description for the terms used in the location management procedures | Samsung Electronics Romania | agreed | S6-223158 | - |
| S6-223342 | Decoupling of signalling and media paths for MCPTT | Nokia, Nokia Shanghai Bell, UIC, Kontron Transportation France, Ericsson | postponed | S6-223329 | - |
| S6-223343 | Decoupling of signalling and media paths for MCVideo | Nokia, Nokia Shanghai Bell, UIC, Kontron Transportation France, Ericsson | postponed | S6-223330 | - |
| S6-223344 | private call towards a migrated MC user | Ericsson | revised | S6-223229 | S6-223490 |
| S6-223345 | Partner MC service server stores necessary information for communication redirection | Nokia, Nokia Shanghai Bell, Ericsson, FirstNet | revised | S6-223328 | S6-223492 |
| S6-223346 | Description for the terms used in the Ad hoc Group Communication procedures | Samsung R&D Institute India | agreed | S6-223151 | - |
| S6-223347 | Information flows for the ad hoc group call | Samsung, Kontron Transportation France, Motorola Solutions | agreed | S6-223152 | - |
| S6-223348 | Ad hoc group call procedures in multiple MCPTT system | Samsung R&D Institute India | postponed | S6-223154 | - |
| S6-223349 | Modifying participants list of on-going ad hoc group call in single MCPTT system | Samsung, Kontron Transportation France, Motorola Solutions | agreed | S6-223155 | - |
| S6-223350 | Configuration parameters for Ad hoc group call | Samsung, Kontron Transportation France, Motorola Solutions | agreed | S6-223156 | - |
| S6-223351 | Ad hoc group call procedures | Huawei, Hisilicon | postponed | S6-223268 | - |
| S6-223352 | Solution on provide interconnection group IDs | Netherlands Police | revised | S6-223116 | S6-223496 |
| S6-223353 | Exchange Initial MC service UE configuration data between MC systems | BDBOS, Nokia, Nokia Shanghai Bell, Ericsson | revised | S6-223157 | S6-223537 |
| S6-223354 | Solution on request group ID | BDBOS, MINISTERE DE L'INTERIEUR, Ericsson | revised | S6-223159 | S6-223538 |
| S6-223355 | Update configuration for MC service user migrated in partner MC system | BDBOS | revised | S6-223161 | S6-223539 |
| S6-223356 | MCShAC request to add users for migration to a partner system | Motorola Solutions UK Ltd. | approved | S6-223316 | - |
| S6-223357 | MCShAC request to remove users for migration from a partner system | Motorola Solutions | revised | S6-223327 | S6-223614 |
| S6-223358 | Clear some of the ENs in PINAPP TR | vivo | revised | S6-223134 | S6-223524 |
| S6-223359 | Conclusion and evaluation of PINAPP architeture | vivo | revised | S6-223135 | S6-223525 |
| S6-223360 | Conclusion and evaluation of insert or remove PINE | vivo | revised | S6-223136 | S6-223526 |
| S6-223361 | Conclusion and evaluation of KI3 service switch | vivo | revised | S6-223137 | S6-223502 |
| S6-223362 | KI#3 Evaluation Update | InterDigital | approved | S6-223248 | - |
| S6-223363 | Conclusion and evaluation of credentials provision | vivo | revised | S6-223138 | S6-223503 |
| S6-223364 | Conclusion update for PIN 5GS communication | vivo | revised | S6-223139 | S6-223529 |
| S6-223365 | Conclusion update for PIN delete | vivo | revised | S6-223140 | S6-223530 |
| S6-223366 | Solution update for PEGC trigger PDU session for 5GS communication | vivo | revised | S6-223141 | S6-223535 |
| S6-223367 | Solution update for PIN profile | vivo | revised | S6-223142 | S6-223550 |
| S6-223368 | Ad hoc group emergency alert | Nokia, Nokia Shanghai Bell | postponed | S6-223150 | - |
| S6-223369 | LS to SA1 needed to clarify the requirements | SA6 | withdrawn | - | - |
| S6-223370 | Updates to the conclusion of KI#1 | BEIJING SAMSUNG TELECOM R&D | approved | S6-223175 | - |
| S6-223371 | Pseudo-CR on architecture enhancements cleanup | Samsung | approved | S6-223258 | - |
| S6-223372 | Add description of use cases for option#4 | NTT DOCOMO INC. | revised | S6-223132 | S6-223540 |
| S6-223373 | Edge Repository EWBI Interface | Intel Technology India Pvt Ltd | revised | S6-223200 | S6-223607 |
| S6-223374 | Architecture enhancements conclusion for roaming UEs | Samsung | revised | S6-223160 | S6-223541 |
| S6-223375 | FS\_eEDGEAPP\_updating solution 24 | Samsung | approved | S6-223260 | - |
| S6-223376 | Resolve EN in solution#25 | Huawei, Hisilicon | revised | S6-223295 | S6-223542 |
| S6-223377 | Deployment models | Samsung | approved | S6-223219 | - |
| S6-223378 | Handling of UE Mobility pattern | Samsung | revised | S6-223213 | S6-223521 |
| S6-223379 | EEL service differentiation | Ericsson | revised | S6-223220 | S6-223497 |
| S6-223380 | Pseudo-CR on solution to KI#13 - Edge enabler layer support for EAS synchronization | Samsung | revised | S6-223215 | S6-223630 |
| S6-223381 | Pseudo-CR on Solution for KI#16 support of NAT deployed within the EDN | Apple Portugal | revised | S6-223246 | S6-223543 |
| S6-223382 | Update to solution#31 | Huawei, Hisilicon | revised | S6-223297 | S6-223544 |
| S6-223383 | Overall evaluation for common EAS | Huawei, Hisilicon, Apple | revised | S6-223298 | S6-223617 |
| S6-223384 | Evaluation of KI#6 | BEIJING SAMSUNG TELECOM R&D | approved | S6-223188 | - |
| S6-223385 | Conclusion of KI#6 | BEIJING SAMSUNG TELECOM R&D | approved | S6-223189 | - |
| S6-223386 | New solution for KI#5 – PIN Service continuity | InterDigital | revised | S6-223267 | S6-223593 |
| S6-223387 | PINE registration via the PEGC | Huawei, Hisilicon | revised | S6-223299 | S6-223577 |
| S6-223388 | KI#5 Overall Evaluation | InterDigital | revised | S6-223315 | S6-223578 |
| S6-223389 | KI#5 Overall Conclusion | InterDigital | revised | S6-223325 | S6-223594 |
| S6-223390 | Update to overall evaluation and conclusion | Huawei, Hisilicon | approved | S6-223302 | - |
| S6-223391 | FS\_eV2XAPP2 Solution#4 update and evaulation | Convida Wireless | revised | S6-223313 | S6-223633 |
| S6-223392 | Support for VRU zone configuration and operation | Lenovo Future Communications | revised | S6-223234 | S6-223569 |
| S6-223393 | New Solution: Support for DAA | InterDigital | revised | S6-223098 | S6-223590 |
| S6-223394 | Solution for EEL assist the application layer to determine the common EAS | Huawei, Hisilicon | approved | S6-223292 | - |
| S6-223395 | Update overall evaluation for KI#18 | Huawei, Hisilicon | approved | S6-223291 | - |
| S6-223396 | Composite EAS context management | Samsung | revised | S6-223252 | S6-223498 |
| S6-223397 | Evaluation on solution#45 EAS discovery for edge node sharing | Huawei, Hisilicon | revised | S6-223293 | S6-223545 |
| S6-223398 | Resolve EN in solution #45 | Huawei, Hisilicon | revised | S6-223294 | S6-223546 |
| S6-223399 | Solution for EAS discovery in Edge Node sharing scenario | Huawei, Hisilicon | revised | S6-223296 | S6-223547 |
| S6-223400 | KI#20 conclusion | Ericsson | withdrawn | - | - |
| S6-223401 | Invoke non-roaming UE location | Samsung | revised | S6-223253 | S6-223499 |
| S6-223402 | Overall evaluation and conclusion for KI#22 | Samsung | approved | S6-223217 | - |
| S6-223403 | KI#23 conclusion | Ericsson, Samsung | approved | S6-223223 | - |
| S6-223404 | Pseudo-CR on updating clause 10.2.0 | Samsung | approved | S6-223261 | - |
| S6-223405 | Multi-user Session Synchronization Solution | Convida Wireless | postponed | S6-223310 | - |
| S6-223406 | Address 7.27.3 EN on CAAR sync | Convida Wireless | approved | S6-223312 | - |
| S6-223407 | Reliable Edge Service with back-up EES | Convida Wireless | postponed | S6-223311 | - |
| S6-223408 | EEC triggering via SMS over NAS to perform service provisioning | Samsung | revised | S6-223174 | S6-223560 |
| S6-223409 | Supporting Exposure of EAS Service APIs using CAPIF | ETRI, Uangel | postponed | S6-223167 | - |
| S6-223410 | Update ACR scenarios with ACR parameter procedure | Huawei, HiSilicon | revised | S6-223242 | S6-223599 |
| S6-223411 | Update ACR management notification to include ACR parameters | Huawei, HiSilicon | merged | S6-223243 | S6-223505 |
| S6-223412 | Addition of prediction expiration time IE and ACR information procedure | Huawei, HiSilicon | revised | S6-223244 | S6-223505 |
| S6-223413 | ACR request trigger timing | KPN N.V. | revised | S6-223314 | S6-223518 |
| S6-223414 | ACR update in service continuity planning | Lenovo Future Communications | postponed | S6-223239 | - |
| S6-223415 | Resolve ENs on EES monitoring the UE mobility for service continuity planning | Huawei, Hisilicon | revised | S6-223275 | S6-223519 |
| S6-223416 | VAL service area identifier usage | BEIJING SAMSUNG TELECOM R&D | revised | S6-223197 | S6-223588 |
| S6-223417 | SEAL Registrar service | Samsung, Deutsche Telekom | revised | S6-223214 | S6-223618 |
| S6-223418 | Service continuity between 5G MBS delivery and unicast delivery | Huawei, Hisilicon | revised | S6-223277 | S6-223491 |
| S6-223419 | VAL service inter-system switching between 5G and LTE | Huawei, Hisilicon | revised | S6-223278 | S6-223493 |
| S6-223420 | VAL service over 5GS supporting EPS interworking | Huawei, Hisilicon | agreed | S6-223279 | - |
| S6-223421 | CAPIF extensibility as requested by ETSI ISG MEC | Nokia, Nokia Shangahi Bell, Apple, Intel, Huawei | revised | S6-223199 | S6-223551 |
| S6-223422 | Overall evaluation and conclusion for KI#2 | Huawei, Hisilicon | revised | S6-223281 | S6-223576 |
| S6-223423 | Update KI#8 evaluation and conclusion | Ericsson | approved | S6-223226 | - |
| S6-223424 | Add description to architectural requirements | Huawei, Hisilicon | approved | S6-223280 | - |
| S6-223425 | Resolve EN and evaluation for solution #1 | Huawei, Hisilicon | approved | S6-223284 | - |
| S6-223426 | Resolve EN for Solution #15 | Huawei, Hisilicon | approved | S6-223285 | - |
| S6-223427 | Editorial clean up | Huawei, Hisilicon | approved | S6-223288 | - |
| S6-223428 | Data storage creation | Huawei, Hisilicon | revised | S6-223269 | S6-223568 |
| S6-223429 | S6-SEALDD\_Update KI #8 for SEALDD enabled rate control for different VAL users | China Mobile, Huawei, Hisilicon | approved | S6-223201 | - |
| S6-223430 | update of the solution#6 | China Mobile International Ltd | revised | S6-223202 | S6-223548 |
| S6-223431 | Solution on SEALDD enabled rate control for different VAL users | Huawei, Hisilicon | approved | S6-223286 | - |
| S6-223432 | Update of the TS23433 Annex B | China Mobile International Ltd | approved | S6-223203 | - |
| S6-223433 | Resolve EN for E2E redundant transmission | Huawei, Hisilicon | approved | S6-223270 | - |
| S6-223434 | Resolve EN for regular connection establishment | Huawei, Hisilicon | approved | S6-223271 | - |
| S6-223435 | Correction to clause 1 | one2many B.V. | revised | S6-223104 | S6-223515 |
| S6-223436 | Correction to clause 6.1.4 | one2many B.V. | agreed | S6-223106 | - |
| S6-223437 | Corrections to clause 9.1.1.4 | one2many B.V. | revised | S6-223108 | S6-223504 |
| S6-223438 | Corrections to clause 10 | one2many B.V. | agreed | S6-223109 | - |
| S6-223439 | Note on status reporting of broadcast message | one2many B.V. | agreed | S6-223110 | - |
| S6-223440 | usage of device triggering before store and forward | China Mobile International Ltd | revised | S6-223205 | S6-223591 |
| S6-223441 | Resolution on EN about UE type | one2many B.V. | revised | S6-223113 | S6-223572 |
| S6-223442 | Correction to clause 8.4.2 | one2many B.V. | agreed | S6-223123 | - |
| S6-223443 | MSGin5G UE bulk Configuration over MSGin5G-6 reference point | China Mobile International Ltd | revised | S6-223204 | S6-223516 |
| S6-223444 | SEALDD - Redundant path establishment with dual UE – dual UP | Ericsson LM | approved | S6-223124 | - |
| S6-223445 | Revised WID Application layer support for Factories of the Future | ZTE Corporation. | revised | S6-223128 | S6-223501 |
| S6-223446 | UAE layer support for DAA | Huawei, Hisilicon | revised | S6-223301 | S6-223579 |
| S6-223447 | Overall evaluation and conclusion for KI #4 | InterDigital, Huawei | revised | S6-223099 | S6-223620 |
| S6-223448 | Requirements for support for DAA | InterDigital | revised | S6-223326 | S6-223580 |
| S6-223449 | Discovery of management service exposure | Lenovo Future Communications | approved | S6-223231 | - |
| S6-223450 | Pseudo-CR on add information flows and APIs of performance and analytics monitoring capability exposure | Huawei Technologies Co. Ltd. | revised | S6-223145 | S6-223517 |
| S6-223451 | Evaluation of sol#9 | China Mobile (Suzhou) Software | agreed | S6-223192 | - |
| S6-223452 | Interaction between the NSCE servers | China Mobile (Suzhou) Software | revised | S6-223193 | S6-223556 |
| S6-223453 | Update and correction of Application layer network slice lifecycle management | China Mobile (Suzhou) Software | approved | S6-223194 | S6-223557 |
| S6-223454 | ADAE functional architecture | Lenovo Future Communications | revised | S6-223232 | S6-223494 |
| S6-223455 | Support for UE to UE session analytics | Lenovo Future Communications | approved | S6-223236 | - |
| S6-223456 | Support for location accuracy analytics | Lenovo Future Communications | approved | S6-223238 | - |
| S6-223457 | ADAE functional model in SEAL architecture | Lenovo Future Communications | revised | S6-223233 | S6-223495 |
| S6-223458 | Additional CAPIF architectural requirements for SNA | NTT DOCOMO | agreed | S6-223177 | - |
| S6-223459 | CAPIF business relationship updates for SNA | NTT DOCOMO | revised | S6-223178 | S6-223549 |
| S6-223460 | CAPIF functional model updates for SNA | NTT DOCOMO | revised | S6-223179 | S6-223512 |
| S6-223461 | API invoker obtaining authorization from resource owner | NTT DOCOMO | revised | S6-223180 | S6-223513 |
| S6-223462 | Discover a proper AEF with owner information | NTT DOCOMO | agreed | S6-223181 | - |
| S6-223463 | Reducing resource owner consent inquiry in a nested API invocation | NTT DOCOMO | revised | S6-223182 | S6-223514 |
| S6-223464 | EDGE-5 - AC registration | Qualcomm | revised | S6-223317 | S6-223562 |
| S6-223465 | EDGE-5 - EAS discovery | Qualcomm | agreed | S6-223318 | - |
| S6-223466 | EDGE-5 - ACR | Qualcomm | postponed | S6-223319 | - |
| S6-223467 | EDGE-5 - Subscription | Qualcomm | revised | S6-223320 | S6-223563 |
| S6-223468 | Dynamic EAS instantiation enhancements | InterDigital | postponed | S6-223127 | - |
| S6-223469 | CAPIF extensions requested by ETSI ISG MEC | Nokia | revised | - | S6-223509 |
| S6-223470 | New WID on Application layer support for Personal IoT Network | vivo | revised | S6-223143 | S6-223619 |
| S6-223471 | Revised WID on architecture for enabling Edge Applications Phase 2 | SA6 | agreed | S6-223212 | - |
| S6-223472 | Revised WID on SEAL data delivery enabler for vertical applications | SA6 | agreed | S6-223305 | - |
| S6-223473 | Presentation of Report to TSG SA: TR 23.700-55, Version 2.0.0 | SA6 | approved | S6-223102 | - |
| S6-223474 | Presentation of Report to TSG: 3GPP TR 23.700-38, Version 0.5.0 | SA6 | approved | S6-223163 | - |
| S6-223475 | Presentation of TR 23700-98\_v140 for Approval | Samsung | approved | S6-223264 | - |
| S6-223476 | Application layer architecture update | ZTE Corporation. | revised | S6-223130 | S6-223532 |
| S6-223477 | update of the Slice API configuration and translation | China Mobile International Ltd | approved | S6-223208 | - |
| S6-223478 | KI#20 conclusion 23700-98 | Samsung | postponed | S6-223254 | - |
| S6-223479 | EAS instantiation status provisioned by ECS | Huawei, Hisilicon | revised | S6-223272 | S6-223564 |
| S6-223480 | Traffic influence for initial EAS discovery | Huawei, Hisilicon | revised | S6-223274 | S6-223602 |
| S6-223481 | eEDGE\_Application traffic influence trigger from EAS | China Mobile (Suzhou) Software | revised | S6-223190 | S6-223566 |
| S6-223482 | AF traffic influence for a given EAS | Samsung | revised | S6-223210 | S6-223603 |
| S6-223483 | EES determines the selected ACR scenario | Huawei, Hisilicon | merged | S6-223273 | S6-223534 |
| S6-223484 | ACR scenario combination | InterDigital, Samsung | revised | S6-223126 | S6-223520 |
| S6-223485 | Update evaluation and conclusion for KI#8 | Huawei, Hisilicon | revised | S6-223287 | S6-223625 |
| S6-223486 | Presentation of Report to TSG SA:  TR 23.700-78, Version 0.7.0 | vivo | revised | S6-223133 | S6-223581 |
| S6-223487 | Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network | Intel Technology India Pvt Ltd | approved | S6-223332 | - |
| S6-223488 | LS reply on SNAAPP requirements clarifications | SA6 | approved | S6-223336 | - |
| S6-223489 | LS reply on CAPIF authorization roles related to FS\_SNAAPP | SA6 | approved | S6-223337 | - |
| S6-223490 | private call towards a migrated MC user | Ericsson | revised | S6-223344 | S6-223567 |
| S6-223491 | Service continuity between 5G MBS delivery and unicast delivery | Huawei, Hisilicon | agreed | S6-223418 | - |
| S6-223492 | Partner MC service server stores necessary information for communication redirection | Nokia, Nokia Shanghai Bell, Ericsson, FirstNet | revised | S6-223345 | S6-223510 |
| S6-223493 | VAL service inter-system switching between 5G and LTE | Huawei, Hisilicon | revised | S6-223419 | S6-223555 |
| S6-223494 | ADAE functional architecture | Lenovo Future Communications | approved | S6-223454 | - |
| S6-223495 | ADAE functional model in SEAL architecture | Lenovo Future Communications | agreed | S6-223457 | - |
| S6-223496 | Solution on provide interconnection group IDs | Netherlands Police | approved | S6-223352 | - |
| S6-223497 | EEL service differentiation | Ericsson | revised | S6-223379 | S6-223571 |
| S6-223498 | Composite EAS context management | Samsung | revised | S6-223396 | S6-223582 |
| S6-223499 | Invoke non-roaming UE location | Samsung | revised | S6-223401 | S6-223583 |
| S6-223500 | Resolve EN and evaluation for solution #46 | Huawei, Hisilicon | revised | S6-223289 | S6-223574 |
| S6-223501 | Revised WID Application layer support for Factories of the Future | SA6. | agreed | S6-223445 | - |
| S6-223502 | Conclusion and evaluation of KI3 service switch | vivo | revised | S6-223361 | S6-223527 |
| S6-223503 | Conclusion and evaluation of credentials provision | vivo | revised | S6-223363 | S6-223528 |
| S6-223504 | Corrections to clause 9.1.1.4 | one2many B.V. | agreed | S6-223437 | - |
| S6-223505 | Addition of prediction expiration time IE and ACR information procedure | Huawei, HiSilicon | agreed | S6-223412 | - |
| S6-223506 | Reply LS on Clarification of Edge Node Sharing | Samsung | approved | S6-223333 | - |
| S6-223507 | Clarification on the deployment of bundle EAS | Huawei, Hisilicon | revised | S6-223340 | S6-223587 |
| S6-223508 | LS on Reply LS on 3GPP TR 23.700-98 V1.2.0 Analysis | Samsung | revised | S6-223335 | S6-223613 |
| S6-223509 | CAPIF extensions requested by ETSI ISG MEC | Nokia | revised | S6-223469 | S6-223605 |
| S6-223510 | Partner MC service server stores necessary information for communication redirection | Nokia, Nokia Shanghai Bell, Ericsson, FirstNet, AT&T | agreed | S6-223492 | - |
| S6-223511 | Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network | Apple | revised | S6-223331 | S6-223552 |
| S6-223512 | CAPIF functional model updates for SNA | NTT DOCOMO | agreed | S6-223460 | - |
| S6-223513 | API invoker obtaining authorization from resource owner | NTT DOCOMO | agreed | S6-223461 | - |
| S6-223514 | Reducing resource owner consent inquiry in a nested API invocation | NTT DOCOMO | agreed | S6-223463 | - |
| S6-223515 | Correction to clause 1 | one2many B.V. | not pursued | S6-223435 | - |
| S6-223516 | MSGin5G UE bulk Configuration over MSGin5G-6 reference point | China Mobile International Ltd | agreed | S6-223443 | - |
| S6-223517 | Pseudo-CR on add information flows and APIs of performance and analytics monitoring capability exposure | Huawei Technologies Co. Ltd. | approved | S6-223450 | - |
| S6-223518 | ACR request trigger timing | KPN N.V. | agreed | S6-223413 | - |
| S6-223519 | Resolve ENs on EES monitoring the UE mobility for service continuity planning | Huawei, Hisilicon | revised | S6-223415 | S6-223561 |
| S6-223520 | ACR scenario combination | InterDigital, Samsung | revised | S6-223484 | S6-223534 |
| S6-223521 | Handling of UE Mobility pattern | Samsung, Convida Wireless, AT&T | revised | S6-223378 | S6-223570 |
| S6-223522 | LS on the use of a non-network defined identifier for UE identification | Apple | revised | - | S6-223558 |
| S6-223523 | LS on availability of completed study in TR 23.700-98 | Samsung | revised | S6-223338 | S6-223554 |
| S6-223524 | Clear some of the ENs in PINAPP TR | vivo | approved | S6-223358 | - |
| S6-223525 | Conclusion and evaluation of PINAPP architeture | vivo | approved | S6-223359 | - |
| S6-223526 | Conclusion and evaluation of insert or remove PINE | vivo | approved | S6-223360 | - |
| S6-223527 | Conclusion and evaluation of KI3 service switch | vivo, InterDigital | approved | S6-223502 | - |
| S6-223528 | Conclusion and evaluation of credentials provision | vivo | approved | S6-223503 | - |
| S6-223529 | Conclusion update for PIN 5GS communication | vivo | approved | S6-223364 | - |
| S6-223530 | Conclusion update for PIN delete | vivo | approved | S6-223365 | - |
| S6-223531 | Resolve EN and evaluation for solution #47 | Huawei, Hisilicon | revised | S6-223290 | S6-223575 |
| S6-223532 | Application layer architecture update | ZTE Corporation. | revised | S6-223476 | S6-223559 |
| S6-223533 | Conclusion of KI#4 | vivo | approved | S6-223250 | - |
| S6-223534 | ACR scenario combination | InterDigital, Samsung, Huawei | agreed | S6-223520 | - |
| S6-223535 | Solution update for PEGC trigger PDU session for 5GS communication | vivo, Samsung | approved | S6-223366 | - |
| S6-223536 | Ad hoc group call procedures in single MCPTT system | Samsung, Kontron Transportation France, Motorola Solutions | agreed | S6-223153 | - |
| S6-223537 | Exchange Initial MC service UE configuration data between MC systems | BDBOS, Nokia, Nokia Shanghai Bell, Ericsson | revised | S6-223353 | S6-223606 |
| S6-223538 | Solution on request group ID | BDBOS, MINISTERE DE L'INTERIEUR, Ericsson | postponed | S6-223354 | - |
| S6-223539 | Update configuration for MC service user migrated in partner MC system | BDBOS, FirstNet, Motorola Solutions, Netherlands Police | approved | S6-223355 | - |
| S6-223540 | Add description of use cases for option#4 | NTT DOCOMO INC. | approved | S6-223372 | - |
| S6-223541 | Architecture enhancements conclusion for roaming UEs | Samsung | approved | S6-223374 | - |
| S6-223542 | Resolve EN in solution#25 | Huawei, Hisilicon, KPN | approved | S6-223376 | - |
| S6-223543 | Pseudo-CR on Solution for KI#16 support of NAT deployed within the EDN | Apple Portugal | approved | S6-223381 | - |
| S6-223544 | Update to solution#31 | Huawei, Hisilicon | revised | S6-223382 | S6-223609 |
| S6-223545 | Evaluation on solution#45 EAS discovery for edge node sharing | Huawei, Hisilicon | revised | S6-223397 | S6-223631 |
| S6-223546 | Resolve EN in solution #45 | Huawei, Hisilicon | postponed | S6-223398 | - |
| S6-223547 | Solution for EAS discovery in Edge Node sharing scenario | Huawei, Hisilicon | revised | S6-223399 | S6-223610 |
| S6-223548 | update of the solution#6 | China Mobile International Ltd | approved | S6-223430 | - |
| S6-223549 | CAPIF business relationship updates for SNA | NTT DOCOMO | agreed | S6-223459 | - |
| S6-223550 | Solution update for PIN profile | vivo | approved | S6-223367 | - |
| S6-223551 | CAPIF extensibility as requested by ETSI ISG MEC | Nokia, Nokia Shangahi Bell, Apple, Intel, Huawei | agreed | S6-223421 | - |
| S6-223552 | Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network | Apple | revised | S6-223511 | S6-223586 |
| S6-223553 | Reply LS on Network federation interface for Telco edge consideration for a consolidated reply | Huawei | approved | S6-223334 | - |
| S6-223554 | LS on availability of completed study in TR 23.700-98 | Samsung | approved | S6-223523 | - |
| S6-223555 | VAL service inter-system switching between 5G and LTE | Huawei, Hisilicon | agreed | S6-223493 | - |
| S6-223556 | Interaction between the NSCE servers | China Mobile (Suzhou) Software | revised | S6-223452 | S6-223595 |
| S6-223557 | Update and correction of Application layer network slice lifecycle management | China Mobile (Suzhou) Software | approved | S6-223453 | - |
| S6-223558 | LS on the use of a non-network defined identifier for UE identification | SA6 | approved | S6-223522 | - |
| S6-223559 | Application layer architecture update | ZTE | approved | S6-223532 | - |
| S6-223560 | EEC triggering via SMS over NAS to perform service provisioning | Samsung | revised | S6-223408 | S6-223604 |
| S6-223561 | Resolve ENs on EES monitoring the UE mobility for service continuity planning | Huawei, Hisilicon | revised | S6-223519 | S6-223585 |
| S6-223562 | EDGE-5 - AC registration | Qualcomm | revised | S6-223464 | S6-223596 |
| S6-223563 | EDGE-5 - Subscription | Qualcomm | revised | S6-223467 | S6-223597 |
| S6-223564 | EAS instantiation status provisioned by ECS | Huawei, Hisilicon | revised | S6-223479 | S6-223584 |
| S6-223565 | Wrong doc made available | - | withdrawn | - | - |
| S6-223566 | eEDGE\_Application traffic influence trigger from EAS | China Mobile (Suzhou) Software | agreed | S6-223481 | - |
| S6-223567 | private call towards a migrated MC user | Ericsson | agreed | S6-223490 | - |
| S6-223568 | Data storage creation | Huawei, Hisilicon | approved | S6-223428 | - |
| S6-223569 | Support for VRU zone configuration and operation | Lenovo Future Communications | agreed | S6-223392 | - |
| S6-223570 | Handling of UE Mobility pattern | Samsung, Convida Wireless, AT&T | approved | S6-223521 | - |
| S6-223571 | EEL service differentiation | Ericsson | revised | S6-223497 | S6-223608 |
| S6-223572 | Resolution on EN about UE type | one2many B.V. | revised | S6-223441 | S6-223592 |
| S6-223573 | Presentation of Specification to TSG SA: TS 23.433, Version 0.2.0 | Huawei | revised | - | S6-223612 |
| S6-223574 | Resolve EN and evaluation for solution #46 | Huawei, Hisilicon | approved | S6-223500 | - |
| S6-223575 | Resolve EN and evaluation for solution #47 | Huawei, Hisilicon | approved | S6-223531 | - |
| S6-223576 | Overall evaluation and conclusion for KI#2 | Huawei, Hisilicon, Ericsson | approved | S6-223422 | - |
| S6-223577 | PINE registration via the PEGC | Huawei, Hisilicon | approved | S6-223387 | - |
| S6-223578 | KI#5 Overall Evaluation | InterDigital | approved | S6-223388 | - |
| S6-223579 | UAE layer support for DAA | Huawei, Hisilicon | revised | S6-223446 | S6-223615 |
| S6-223580 | Requirements for support for DAA | InterDigital, Huawei | approved | S6-223448 | - |
| S6-223581 | Presentation of Report to TSG SA:  TR 23.700-78, Version 0.7.0 | SA6 | approved | S6-223486 | - |
| S6-223582 | Composite EAS context management | Samsung | revised | S6-223498 | S6-223601 |
| S6-223583 | Invoke non-roaming UE location | Samsung | revised | S6-223499 | S6-223611 |
| S6-223584 | EAS instantiation status provisioned by ECS | Huawei, Hisilicon | revised | S6-223564 | S6-223589 |
| S6-223585 | Resolve ENs on EES monitoring the UE mobility for service continuity planning | Huawei, Hisilicon | revised | S6-223561 | S6-223616 |
| S6-223586 | Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network | SA6 | approved | S6-223552 | - |
| S6-223587 | Clarification on the deployment of bundle EAS | Huawei, Hisilicon | approved | S6-223507 | - |
| S6-223588 | VAL service area identifier usage | BEIJING SAMSUNG TELECOM R&D | agreed | S6-223416 | - |
| S6-223589 | EAS instantiation status provisioned by ECS | Huawei, Hisilicon | revised | S6-223584 | S6-223598 |
| S6-223590 | New Solution: Support for DAA | InterDigital | approved | S6-223393 | - |
| S6-223591 | usage of device triggering before store and forward | China Mobile International Ltd | postponed | S6-223440 | - |
| S6-223592 | Resolution on EN about UE type | one2many B.V. | agreed | S6-223572 | - |
| S6-223593 | New solution for KI#5 – PIN Service continuity | InterDigital | approved | S6-223386 | - |
| S6-223594 | KI#5 Overall Conclusion | InterDigital | approved | S6-223389 | - |
| S6-223595 | Interaction between the NSCE servers | China Mobile (Suzhou) Software | approved | S6-223556 | - |
| S6-223596 | EDGE-5 - AC registration | Qualcomm | agreed | S6-223562 | - |
| S6-223597 | EDGE-5 - Subscription | Qualcomm | agreed | S6-223563 | - |
| S6-223598 | EAS instantiation status provisioned by ECS | Huawei, Hisilicon, InterDigital | agreed | S6-223589 | - |
| S6-223599 | Update ACR scenarios with ACR parameter procedure | Huawei, HiSilicon | agreed | S6-223410 | - |
| S6-223600 | Withdrawn | - | withdrawn | - | - |
| S6-223601 | Composite EAS context management | Samsung | postponed | S6-223582 | - |
| S6-223602 | Traffic influence for initial EAS discovery | Huawei, Hisilicon | revised | S6-223480 | S6-223622 |
| S6-223603 | AF traffic influence for a given EAS | Samsung | revised | S6-223482 | S6-223623 |
| S6-223604 | EEC triggering via SMS over NAS to perform service provisioning | Samsung | revised | S6-223560 | S6-223621 |
| S6-223605 | CAPIF extensions requested by ETSI ISG MEC | Nokia | revised | S6-223509 | S6-223628 |
| S6-223606 | Exchange Initial MC service UE configuration data between MC systems | BDBOS, Nokia, Nokia Shanghai Bell, Ericsson, Motorola Solutions | approved | S6-223537 | - |
| S6-223607 | Edge Repository EWBI Interface | Intel Technology India Pvt Ltd | postponed | S6-223373 | - |
| S6-223608 | EEL service differentiation | Ericsson | revised | S6-223571 | S6-223629 |
| S6-223609 | Update to solution#31 | Huawei, Hisilicon | approved | S6-223544 | - |
| S6-223610 | Solution for EAS discovery in Edge Node sharing scenario | Huawei, Hisilicon | revised | S6-223547 | S6-223624 |
| S6-223611 | Invoke non-roaming UE location | Samsung | approved | S6-223583 | - |
| S6-223612 | Presentation of Specification to TSG SA: TS 23.433, Version 0.2.0 | SA6 | approved | S6-223573 | - |
| S6-223613 | LS on Reply LS on 3GPP TR 23.700-98 V1.2.0 Analysis | Samsung | approved | S6-223508 | - |
| S6-223614 | MCShAC request to remove users for migration from a partner system | Motorola Solutions | approved | S6-223357 | - |
| S6-223615 | UAE layer support for DAA | Huawei, Hisilicon | approved | S6-223579 | - |
| S6-223616 | Resolve ENs on EES monitoring the UE mobility for service continuity planning | Huawei, Hisilicon | agreed | S6-223585 | - |
| S6-223617 | Overall evaluation for common EAS | Huawei, Hisilicon, Apple Convida and Samsung | approved | S6-223383 | - |
| S6-223618 | SEAL Registrar service | Samsung, Deutsche Telekom | agreed | S6-223417 | - |
| S6-223619 | New WID on Application layer support for Personal IoT Network | SA6 | agreed | S6-223470 | - |
| S6-223620 | Overall evaluation and conclusion for KI #4 | InterDigital, Huawei | approved | S6-223447 | - |
| S6-223621 | EEC triggering via SMS over NAS to perform service provisioning | Samsung | agreed | S6-223604 | - |
| S6-223622 | Traffic influence for initial EAS discovery | Huawei, Hisilicon | agreed | S6-223602 | - |
| S6-223623 | AF traffic influence for a given EAS | Samsung | agreed | S6-223603 | - |
| S6-223624 | Solution for EAS discovery in Edge Node sharing scenario | Huawei, Hisilicon | revised | S6-223610 | S6-223632 |
| S6-223625 | Update evaluation and conclusion for KI#8 | Huawei, Hisilicon | approved | S6-223485 | - |
| S6-223626 | correction for EEC registration expiration time | Samsung | postponed | S6-223216 | - |
| S6-223627 | correction for EEC registration expiration time | SAMSUNG R&D INSTITUTE JAPAN | postponed | S6-223230 | - |
| S6-223628 | CAPIF extensions requested by ETSI ISG MEC | SA6 | approved | S6-223605 | - |
| S6-223629 | EEL service differentiation | Ericsson | approved | S6-223608 | - |
| S6-223630 | Pseudo-CR on solution to KI#13 - Edge enabler layer support for EAS synchronization | Samsung | approved | S6-223380 | - |
| S6-223631 | Evaluation on solution#45 EAS discovery for edge node sharing | Huawei, Hisilicon | approved | S6-223545 | - |
| S6-223632 | Solution for EAS discovery in Edge Node sharing scenario | Huawei, Hisilicon | approved | S6-223624 | - |
| S6-223633 | FS\_eV2XAPP2 Solution#4 update and evaulation | Convida Wireless | approved | S6-223391 | - |
| S6-223634 | Work Planning | SA6 Chair | endorsed | S6-223114 | - |

## Annex B: List of change requests

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Spec | CR | Rev | Rel | Cat | WI | Decision |
| S6-223177 | Additional CAPIF architectural requirements for SNA | NTT DOCOMO | 23.222 | 0090 | - | Rel-18 | B | SNAAPP | revised |
| S6-223458 | Additional CAPIF architectural requirements for SNA | NTT DOCOMO | 23.222 | 0090 | 1 | Rel-18 | B | SNAAPP | agreed |
| S6-223178 | CAPIF business relationship updates for SNA | NTT DOCOMO | 23.222 | 0091 | - | Rel-18 | B | SNAAPP | revised |
| S6-223459 | CAPIF business relationship updates for SNA | NTT DOCOMO | 23.222 | 0091 | 1 | Rel-18 | B | SNAAPP | revised |
| S6-223549 | CAPIF business relationship updates for SNA | NTT DOCOMO | 23.222 | 0091 | 2 | Rel-18 | B | SNAAPP | agreed |
| S6-223179 | CAPIF functional model updates for SNA | NTT DOCOMO | 23.222 | 0092 | - | Rel-18 | B | SNAAPP | revised |
| S6-223460 | CAPIF functional model updates for SNA | NTT DOCOMO | 23.222 | 0092 | 1 | Rel-18 | B | SNAAPP | revised |
| S6-223512 | CAPIF functional model updates for SNA | NTT DOCOMO | 23.222 | 0092 | 2 | Rel-18 | B | SNAAPP | agreed |
| S6-223180 | API invoker obtaining authorization from resource owner | NTT DOCOMO | 23.222 | 0093 | - | Rel-18 | B | SNAAPP | revised |
| S6-223461 | API invoker obtaining authorization from resource owner | NTT DOCOMO | 23.222 | 0093 | 1 | Rel-18 | B | SNAAPP | revised |
| S6-223513 | API invoker obtaining authorization from resource owner | NTT DOCOMO | 23.222 | 0093 | 2 | Rel-18 | B | SNAAPP | agreed |
| S6-223181 | Discover a proper AEF with owner information | NTT DOCOMO | 23.222 | 0094 | - | Rel-18 | B | SNAAPP | revised |
| S6-223462 | Discover a proper AEF with owner information | NTT DOCOMO | 23.222 | 0094 | 1 | Rel-18 | B | SNAAPP | agreed |
| S6-223182 | Reducing resource owner consent inquiry in a nested API invocation | NTT DOCOMO | 23.222 | 0095 | - | Rel-18 | B | SNAAPP | revised |
| S6-223463 | Reducing resource owner consent inquiry in a nested API invocation | NTT DOCOMO | 23.222 | 0095 | 1 | Rel-18 | B | SNAAPP | revised |
| S6-223514 | Reducing resource owner consent inquiry in a nested API invocation | NTT DOCOMO | 23.222 | 0095 | 2 | Rel-18 | B | SNAAPP | agreed |
| S6-223199 | CAPIF extensibility as requested by ETSI ISG MEC | Nokia, Nokia Shanghai Bell, Apple, Intel, Huawei | 23.222 | 0096 | - | Rel-18 | B | TEI18 | revised |
| S6-223421 | CAPIF extensibility as requested by ETSI ISG MEC | Nokia, Nokia Shangahi Bell, Apple, Intel, Huawei | 23.222 | 0096 | 1 | Rel-18 | B | TEI18 | revised |
| S6-223551 | CAPIF extensibility as requested by ETSI ISG MEC | Nokia, Nokia Shangahi Bell, Apple, Intel, Huawei | 23.222 | 0096 | 2 | Rel-18 | B | TEI18 | agreed |
| S6-223229 | private call towards a migrated MC user | Ericsson | 23.280 | 0353 | 2 | Rel-18 | B | IRail | revised |
| S6-223344 | private call towards a migrated MC user | Ericsson | 23.280 | 0353 | 3 | Rel-18 | B | IRail | revised |
| S6-223490 | private call towards a migrated MC user | Ericsson | 23.280 | 0353 | 4 | Rel-18 | B | IRail | revised |
| S6-223567 | private call towards a migrated MC user | Ericsson | 23.280 | 0353 | 5 | Rel-18 | B | IRail | agreed |
| S6-223158 | Description for the terms used in the location management procedures | Samsung Electronics Romania | 23.280 | 0354 | 1 | Rel-18 | F | enh4MCPTT | revised |
| S6-223341 | Description for the terms used in the location management procedures | Samsung Electronics Romania | 23.280 | 0354 | 2 | Rel-18 | F | enh4MCPTT | agreed |
| S6-223149 | Private call handling when migrating through multiple MC systems | Nokia, Nokia Shanghai Bell, Ericsson | 23.280 | 0355 | - | Rel-18 | C | IRail | revised |
| S6-223328 | Private call handling when migrating through multiple MC systems | Nokia, Nokia Shanghai Bell, Ericsson, FirstNet | 23.280 | 0355 | 1 | Rel-18 | C | IRail | revised |
| S6-223345 | Partner MC service server stores necessary information for communication redirection | Nokia, Nokia Shanghai Bell, Ericsson, FirstNet | 23.280 | 0355 | 2 | Rel-18 | C | IRail | revised |
| S6-223492 | Partner MC service server stores necessary information for communication redirection | Nokia, Nokia Shanghai Bell, Ericsson, FirstNet | 23.280 | 0355 | 3 | Rel-18 | C | IRail | revised |
| S6-223510 | Partner MC service server stores necessary information for communication redirection | Nokia, Nokia Shanghai Bell, Ericsson, FirstNet, AT&T | 23.280 | 0355 | 4 | Rel-18 | C | IRail | agreed |
| S6-223148 | Decoupling of signalling and media paths for MCVideo | Nokia, Nokia Shanghai Bell, UIC, Kontron Transportation France | 23.281 | 0167 | - | Rel-18 | C | IRail | revised |
| S6-223330 | Decoupling of signalling and media paths for MCVideo | Nokia, Nokia Shanghai Bell, UIC, Kontron Transportation France, Ericsson | 23.281 | 0167 | 1 | Rel-18 | C | IRail | revised |
| S6-223343 | Decoupling of signalling and media paths for MCVideo | Nokia, Nokia Shanghai Bell, UIC, Kontron Transportation France, Ericsson | 23.281 | 0167 | 2 | Rel-18 | C | IRail | postponed |
| S6-223234 | Support for VRU zone configuration and operation | Lenovo Future Communications | 23.286 | 0074 | - | Rel-18 | B | V2XAPP\_Ph3 | revised |
| S6-223392 | Support for VRU zone configuration and operation | Lenovo Future Communications | 23.286 | 0074 | 1 | Rel-18 | B | V2XAPP\_Ph3 | revised |
| S6-223569 | Support for VRU zone configuration and operation | Lenovo Future Communications | 23.286 | 0074 | 2 | Rel-18 | B | V2XAPP\_Ph3 | agreed |
| S6-223147 | Decoupling of signalling and media paths for MCPTT | Nokia, Nokia Shanghai Bell, UIC, Kontron Transportation France | 23.379 | 0321 | - | Rel-18 | C | IRail | revised |
| S6-223329 | Decoupling of signalling and media paths for MCPTT | Nokia, Nokia Shanghai Bell, UIC, Kontron Transportation France, Ericsson | 23.379 | 0321 | 1 | Rel-18 | C | IRail | revised |
| S6-223342 | Decoupling of signalling and media paths for MCPTT | Nokia, Nokia Shanghai Bell, UIC, Kontron Transportation France, Ericsson | 23.379 | 0321 | 2 | Rel-18 | C | IRail | postponed |
| S6-223151 | Description for the terms used in the Ad hoc Group Communication procedures | Samsung R&D Institute India | 23.379 | 0322 | - | Rel-18 | B | DUMMY | revised |
| S6-223346 | Description for the terms used in the Ad hoc Group Communication procedures | Samsung R&D Institute India | 23.379 | 0322 | 1 | Rel-18 | B | DUMMY | agreed |
| S6-223152 | Information flows for the ad hoc group call | Samsung R&D Institute India | 23.379 | 0323 | - | Rel-18 | B | DUMMY | revised |
| S6-223347 | Information flows for the ad hoc group call | Samsung, Kontron Transportation France, Motorola Solutions | 23.379 | 0323 | 1 | Rel-18 | B | DUMMY | agreed |
| S6-223153 | Ad hoc group call procedures in single MCPTT system | Samsung R&D Institute India | 23.379 | 0324 | - | Rel-18 | B | DUMMY | revised |
| S6-223536 | Ad hoc group call procedures in single MCPTT system | Samsung, Kontron Transportation France, Motorola Solutions | 23.379 | 0324 | 1 | Rel-18 | B | DUMMY | agreed |
| S6-223154 | Ad hoc group call procedures in multiple MCPTT system | Samsung R&D Institute India | 23.379 | 0325 | - | Rel-18 | B | DUMMY | revised |
| S6-223348 | Ad hoc group call procedures in multiple MCPTT system | Samsung R&D Institute India | 23.379 | 0325 | 1 | Rel-18 | B | DUMMY | postponed |
| S6-223155 | Modifying participants list of on-going ad hoc group call in single MCPTT system | Samsung R&D Institute India | 23.379 | 0326 | - | Rel-18 | B | DUMMY | revised |
| S6-223349 | Modifying participants list of on-going ad hoc group call in single MCPTT system | Samsung, Kontron Transportation France, Motorola Solutions | 23.379 | 0326 | 1 | Rel-18 | B | DUMMY | agreed |
| S6-223156 | Configuration parameters for Ad hoc group call | Samsung R&D Institute India | 23.379 | 0327 | - | Rel-18 | B | DUMMY | revised |
| S6-223350 | Configuration parameters for Ad hoc group call | Samsung, Kontron Transportation France, Motorola Solutions | 23.379 | 0327 | 1 | Rel-18 | B | DUMMY | agreed |
| S6-223268 | Ad hoc group call procedures | Huawei, Hisilicon | 23.379 | 0328 | - | Rel-18 | B | FS\_MCAHGC | revised |
| S6-223351 | Ad hoc group call procedures | Huawei, Hisilicon | 23.379 | 0328 | 1 | Rel-18 | B | FS\_MCAHGC | postponed |
| S6-223214 | SEAL Registrar service | Samsung | 23.434 | 0106 | 7 | Rel-18 | B | eSEAL2 | revised |
| S6-223417 | SEAL Registrar service | Samsung, Deutsche Telekom | 23.434 | 0106 | 8 | Rel-18 | B | eSEAL2 | revised |
| S6-223618 | SEAL Registrar service | Samsung, Deutsche Telekom | 23.434 | 0106 | 9 | Rel-18 | B | eSEAL2 | agreed |
| S6-223197 | VAL service area identifier usage | BEIJING SAMSUNG TELECOM R&D | 23.434 | 0136 | - | Rel-18 | B | eSEAL2 | revised |
| S6-223416 | VAL service area identifier usage | BEIJING SAMSUNG TELECOM R&D | 23.434 | 0136 | 1 | Rel-18 | B | eSEAL2 | revised |
| S6-223588 | VAL service area identifier usage | BEIJING SAMSUNG TELECOM R&D | 23.434 | 0136 | 2 | Rel-18 | B | eSEAL2 | agreed |
| S6-223209 | add Cause IE to NSCE information flows | China Mobile International Ltd | 23.434 | 0137 | - | Rel-18 | F | eSEAL2 | agreed |
| S6-223233 | ADAE functional model in SEAL architecture | Lenovo Future Communications | 23.434 | 0138 | - | Rel-18 | B | eSEAL2, ADAES | revised |
| S6-223457 | ADAE functional model in SEAL architecture | Lenovo Future Communications | 23.434 | 0138 | 1 | Rel-18 | B | eSEAL2, ADAES | revised |
| S6-223495 | ADAE functional model in SEAL architecture | Lenovo Future Communications | 23.434 | 0138 | 2 | Rel-18 | B | eSEAL2, ADAES | agreed |
| S6-223277 | Service continuity between 5G MBS delivery and unicast delivery | Huawei, Hisilicon | 23.434 | 0139 | - | Rel-18 | B | eSEAL2 | revised |
| S6-223418 | Service continuity between 5G MBS delivery and unicast delivery | Huawei, Hisilicon | 23.434 | 0139 | 1 | Rel-18 | B | eSEAL2 | revised |
| S6-223491 | Service continuity between 5G MBS delivery and unicast delivery | Huawei, Hisilicon | 23.434 | 0139 | 2 | Rel-18 | B | eSEAL2 | agreed |
| S6-223278 | VAL service inter-system switching between 5G and LTE | Huawei, Hisilicon | 23.434 | 0140 | - | Rel-18 | B | eSEAL2 | revised |
| S6-223419 | VAL service inter-system switching between 5G and LTE | Huawei, Hisilicon | 23.434 | 0140 | 1 | Rel-18 | B | eSEAL2 | revised |
| S6-223493 | VAL service inter-system switching between 5G and LTE | Huawei, Hisilicon | 23.434 | 0140 | 2 | Rel-18 | B | eSEAL2 | revised |
| S6-223555 | VAL service inter-system switching between 5G and LTE | Huawei, Hisilicon | 23.434 | 0140 | 3 | Rel-18 | B | eSEAL2 | agreed |
| S6-223279 | VAL service over 5GS supporting EPS interworking | Huawei, Hisilicon | 23.434 | 0141 | - | Rel-18 | B | eSEAL2 | revised |
| S6-223420 | VAL service over 5GS supporting EPS interworking | Huawei, Hisilicon | 23.434 | 0141 | 1 | Rel-18 | B | eSEAL2 | agreed |
| S6-223104 | Correction to clause 1 | one2many B.V. | 23.554 | 0077 | - | Rel-18 | F | 5GMARCH\_Ph2 | revised |
| S6-223435 | Correction to clause 1 | one2many B.V. | 23.554 | 0077 | 1 | Rel-18 | F | 5GMARCH\_Ph2 | revised |
| S6-223515 | Correction to clause 1 | one2many B.V. | 23.554 | 0077 | 2 | Rel-18 | F | 5GMARCH\_Ph2 | not pursued |
| S6-223105 | Correction to clause 5.1 | one2many B.V. | 23.554 | 0078 | - | Rel-18 | F | 5GMARCH\_Ph2 | agreed |
| S6-223106 | Correction to clause 6.1.4 | one2many B.V. | 23.554 | 0079 | - | Rel-18 | F | 5GMARCH\_Ph2 | revised |
| S6-223436 | Correction to clause 6.1.4 | one2many B.V. | 23.554 | 0079 | 1 | Rel-18 | F | 5GMARCH\_Ph2 | agreed |
| S6-223107 | Correction to table 8.2.1-3 | one2many B.V. | 23.554 | 0080 | - | Rel-18 | F | 5GMARCH\_Ph2 | not pursued |
| S6-223108 | Corrections to clause 9.1.1.4 | one2many B.V. | 23.554 | 0081 | - | Rel-18 | F | 5GMARCH\_Ph2 | revised |
| S6-223437 | Corrections to clause 9.1.1.4 | one2many B.V. | 23.554 | 0081 | 1 | Rel-18 | F | 5GMARCH\_Ph2 | revised |
| S6-223504 | Corrections to clause 9.1.1.4 | one2many B.V. | 23.554 | 0081 | 2 | Rel-18 | F | 5GMARCH\_Ph2 | agreed |
| S6-223109 | Corrections to clause 10 | one2many B.V. | 23.554 | 0082 | - | Rel-18 | F | 5GMARCH\_Ph2 | revised |
| S6-223438 | Corrections to clause 10 | one2many B.V. | 23.554 | 0082 | 1 | Rel-18 | F | 5GMARCH\_Ph2 | agreed |
| S6-223110 | Note on status reporting of broadcast message | one2many B.V. | 23.554 | 0083 | - | Rel-18 | F | 5GMARCH\_Ph2 | revised |
| S6-223439 | Note on status reporting of broadcast message | one2many B.V. | 23.554 | 0083 | 1 | Rel-18 | F | 5GMARCH\_Ph2 | agreed |
| S6-223111 | Correction of Store and Forward procedures | one2many B.V. | 23.554 | 0084 | - | Rel-18 | F | 5GMARCH\_Ph2 | merged |
| S6-223112 | Resolution on Editor's Note on segmentation of Broadcast message | one2many B.V. | 23.554 | 0085 | - | Rel-18 | F | 5GMARCH\_Ph2 | not pursued |
| S6-223113 | Resolution on EN about UE type | one2many B.V. | 23.554 | 0086 | - | Rel-18 | F | 5GMARCH\_Ph2 | revised |
| S6-223441 | Resolution on EN about UE type | one2many B.V. | 23.554 | 0086 | 1 | Rel-18 | F | 5GMARCH\_Ph2 | revised |
| S6-223572 | Resolution on EN about UE type | one2many B.V. | 23.554 | 0086 | 2 | Rel-18 | F | 5GMARCH\_Ph2 | revised |
| S6-223592 | Resolution on EN about UE type | one2many B.V. | 23.554 | 0086 | 3 | Rel-18 | F | 5GMARCH\_Ph2 | agreed |
| S6-223117 | Resolution on Editor's Note on Priority IE for constrained devices | one2many B.V. | 23.554 | 0087 | - | Rel-18 | F | 5GMARCH\_Ph2 | agreed |
| S6-223123 | Correction to clause 8.4.2 | one2many B.V. | 23.554 | 0088 | - | Rel-18 | F | 5GMARCH\_Ph2 | revised |
| S6-223442 | Correction to clause 8.4.2 | one2many B.V. | 23.554 | 0088 | 1 | Rel-18 | F | 5GMARCH\_Ph2 | agreed |
| S6-223168 | MSGin5G Message transmission | Huawei, HiSilicon | 23.554 | 0089 | - | Rel-18 | F | 5GMARCH\_Ph2 | withdrawn |
| S6-223169 | Rewording some steps in clause 8.4.2 | Huawei, HiSilicon | 23.554 | 0090 | - | Rel-18 | F | 5GMARCH\_Ph2 | agreed |
| S6-223171 | MSGin5G Message transmission | Huawei, HiSilicon, China Mobile | 23.554 | 0091 | - | Rel-18 | F | 5GMARCH\_Ph2 | postponed |
| S6-223204 | MSGin5G UE bulk Configuration over MSGin5G-6 reference point | China Mobile International Ltd | 23.554 | 0092 | - | Rel-18 | B | 5GMARCH\_Ph2 | revised |
| S6-223443 | MSGin5G UE bulk Configuration over MSGin5G-6 reference point | China Mobile International Ltd | 23.554 | 0092 | 1 | Rel-18 | B | 5GMARCH\_Ph2 | revised |
| S6-223516 | MSGin5G UE bulk Configuration over MSGin5G-6 reference point | China Mobile International Ltd | 23.554 | 0092 | 2 | Rel-18 | B | 5GMARCH\_Ph2 | agreed |
| S6-223205 | usage of device triggering before store and forward | China Mobile International Ltd | 23.554 | 0093 | - | Rel-18 | C | 5GMARCH\_Ph2 | revised |
| S6-223440 | usage of device triggering before store and forward | China Mobile International Ltd | 23.554 | 0093 | 1 | Rel-18 | C | 5GMARCH\_Ph2 | revised |
| S6-223591 | usage of device triggering before store and forward | China Mobile International Ltd | 23.554 | 0093 | 2 | Rel-18 | C | 5GMARCH\_Ph2 | postponed |
| S6-223206 | remove EN in clause 8.9.2 | China Mobile International Ltd | 23.554 | 0094 | - | Rel-18 | F | 5GMARCH\_Ph2 | agreed |
| S6-223216 | correction for EEC registration expiration time | Samsung | 23.558 | 0115 | 3 | Rel-17 | F | EDGEAPP | revised |
| S6-223626 | correction for EEC registration expiration time | Samsung | 23.558 | 0115 | 4 | Rel-17 | F | EDGEAPP | postponed |
| S6-223126 | ACR scenario combination | InterDigital, Samsung | 23.558 | 0123 | 3 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223484 | ACR scenario combination | InterDigital, Samsung | 23.558 | 0123 | 4 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223520 | ACR scenario combination | InterDigital, Samsung | 23.558 | 0123 | 5 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223534 | ACR scenario combination | InterDigital, Samsung, Huawei | 23.558 | 0123 | 6 | Rel-18 | B | EDGEAPP\_Ph2 | agreed |
| S6-223244 | Addition of prediction expiration time IE and ACR information procedure | Huawei, HiSilicon | 23.558 | 0126 | 2 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223412 | Addition of prediction expiration time IE and ACR information procedure | Huawei, HiSilicon | 23.558 | 0126 | 3 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223505 | Addition of prediction expiration time IE and ACR information procedure | Huawei, HiSilicon | 23.558 | 0126 | 4 | Rel-18 | B | EDGEAPP\_Ph2 | agreed |
| S6-223314 | ACR request trigger timing | KPN N.V. | 23.558 | 0130 | 1 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223413 | ACR request trigger timing | KPN N.V. | 23.558 | 0130 | 2 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223518 | ACR request trigger timing | KPN N.V. | 23.558 | 0130 | 3 | Rel-18 | B | EDGEAPP\_Ph2 | agreed |
| S6-223273 | EES determines the selected ACR scenario | Huawei, Hisilicon | 23.558 | 0133 | 2 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223483 | EES determines the selected ACR scenario | Huawei, Hisilicon | 23.558 | 0133 | 3 | Rel-18 | B | EDGEAPP\_Ph2 | merged |
| S6-223274 | Traffic influence for initial EAS discovery | Huawei, Hisilicon | 23.558 | 0135 | 2 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223480 | Traffic influence for initial EAS discovery | Huawei, Hisilicon | 23.558 | 0135 | 3 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223602 | Traffic influence for initial EAS discovery | Huawei, Hisilicon | 23.558 | 0135 | 4 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223622 | Traffic influence for initial EAS discovery | Huawei, Hisilicon | 23.558 | 0135 | 5 | Rel-18 | B | EDGEAPP\_Ph2 | agreed |
| S6-223127 | Dynamic EAS instantiation enhancements | InterDigital | 23.558 | 0136 | - | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223468 | Dynamic EAS instantiation enhancements | InterDigital | 23.558 | 0136 | 1 | Rel-18 | B | EDGEAPP\_Ph2 | postponed |
| S6-223167 | Supporting Exposure of EAS Service APIs using CAPIF | ETRI, Uangel | 23.558 | 0137 | - | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223409 | Supporting Exposure of EAS Service APIs using CAPIF | ETRI, Uangel | 23.558 | 0137 | 1 | Rel-18 | B | EDGEAPP\_Ph2 | postponed |
| S6-223174 | EEC triggering via SMS over NAS to perform service provisioning | Samsung | 23.558 | 0138 | - | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223408 | EEC triggering via SMS over NAS to perform service provisioning | Samsung | 23.558 | 0138 | 1 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223560 | EEC triggering via SMS over NAS to perform service provisioning | Samsung | 23.558 | 0138 | 2 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223604 | EEC triggering via SMS over NAS to perform service provisioning | Samsung | 23.558 | 0138 | 3 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223621 | EEC triggering via SMS over NAS to perform service provisioning | Samsung | 23.558 | 0138 | 4 | Rel-18 | B | EDGEAPP\_Ph2 | agreed |
| S6-223190 | eEDGE\_Application traffic influence trigger from EAS | China Mobile (Suzhou) Software | 23.558 | 0139 | - | Rel-18 | B | FS\_EDGE\_Ph2, EDGEAPP\_Ph2 | revised |
| S6-223481 | eEDGE\_Application traffic influence trigger from EAS | China Mobile (Suzhou) Software | 23.558 | 0139 | 1 | Rel-18 | B | FS\_EDGE\_Ph2, EDGEAPP\_Ph2 | revised |
| S6-223566 | eEDGE\_Application traffic influence trigger from EAS | China Mobile (Suzhou) Software | 23.558 | 0139 | 2 | Rel-18 | B | FS\_EDGE\_Ph2, EDGEAPP\_Ph2 | agreed |
| S6-223210 | AF traffic influence for a given EAS | Samsung | 23.558 | 0140 | - | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223482 | AF traffic influence for a given EAS | Samsung | 23.558 | 0140 | 1 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223603 | AF traffic influence for a given EAS | Samsung | 23.558 | 0140 | 2 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223623 | AF traffic influence for a given EAS | Samsung | 23.558 | 0140 | 3 | Rel-18 | B | EDGEAPP\_Ph2 | agreed |
| S6-223230 | correction for EEC registration expiration time | SAMSUNG R&D INSTITUTE JAPAN | 23.558 | 0141 | - | Rel-18 | A | EDGEAPP | revised |
| S6-223627 | correction for EEC registration expiration time | SAMSUNG R&D INSTITUTE JAPAN | 23.558 | 0141 | 1 | Rel-18 | A | EDGEAPP | postponed |
| S6-223239 | ACR update in service continuity planning | Lenovo Future Communications | 23.558 | 0142 | - | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223414 | ACR update in service continuity planning | Lenovo Future Communications | 23.558 | 0142 | 1 | Rel-18 | B | EDGEAPP\_Ph2 | postponed |
| S6-223240 | Correction of ACR management notification | Huawei, HiSilicon | 23.558 | 0143 | - | Rel-17 | F | EDGEAPP | agreed |
| S6-223241 | Correction of ACR management notification | Huawei, HiSilicon | 23.558 | 0144 | - | Rel-18 | A | EDGEAPP | agreed |
| S6-223242 | Update ACR scenarios with ACR parameter procedure | Huawei, HiSilicon | 23.558 | 0145 | - | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223410 | Update ACR scenarios with ACR parameter procedure | Huawei, HiSilicon | 23.558 | 0145 | 1 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223599 | Update ACR scenarios with ACR parameter procedure | Huawei, HiSilicon | 23.558 | 0145 | 2 | Rel-18 | B | EDGEAPP\_Ph2 | agreed |
| S6-223243 | Update ACR management notification to include ACR parameters | Huawei, HiSilicon | 23.558 | 0146 | - | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223411 | Update ACR management notification to include ACR parameters | Huawei, HiSilicon | 23.558 | 0146 | 1 | Rel-18 | B | EDGEAPP\_Ph2 | merged |
| S6-223272 | EAS instantiation status provisioned by ECS | Huawei, Hisilicon | 23.558 | 0147 | - | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223479 | EAS instantiation status provisioned by ECS | Huawei, Hisilicon | 23.558 | 0147 | 1 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223564 | EAS instantiation status provisioned by ECS | Huawei, Hisilicon | 23.558 | 0147 | 2 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223584 | EAS instantiation status provisioned by ECS | Huawei, Hisilicon | 23.558 | 0147 | 3 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223589 | EAS instantiation status provisioned by ECS | Huawei, Hisilicon | 23.558 | 0147 | 4 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223598 | EAS instantiation status provisioned by ECS | Huawei, Hisilicon, InterDigital | 23.558 | 0147 | 5 | Rel-18 | B | EDGEAPP\_Ph2 | agreed |
| S6-223275 | Resolve ENs on EES monitoring the UE mobility for service continuity planning | Huawei, Hisilicon | 23.558 | 0148 | - | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223415 | Resolve ENs on EES monitoring the UE mobility for service continuity planning | Huawei, Hisilicon | 23.558 | 0148 | 1 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223519 | Resolve ENs on EES monitoring the UE mobility for service continuity planning | Huawei, Hisilicon | 23.558 | 0148 | 2 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223561 | Resolve ENs on EES monitoring the UE mobility for service continuity planning | Huawei, Hisilicon | 23.558 | 0148 | 3 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223585 | Resolve ENs on EES monitoring the UE mobility for service continuity planning | Huawei, Hisilicon | 23.558 | 0148 | 4 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223616 | Resolve ENs on EES monitoring the UE mobility for service continuity planning | Huawei, Hisilicon | 23.558 | 0148 | 5 | Rel-18 | B | EDGEAPP\_Ph2 | agreed |
| S6-223317 | EDGE-5 - AC registration | Qualcomm | 23.558 | 0149 | - | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223464 | EDGE-5 - AC registration | Qualcomm | 23.558 | 0149 | 1 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223562 | EDGE-5 - AC registration | Qualcomm | 23.558 | 0149 | 2 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223596 | EDGE-5 - AC registration | Qualcomm | 23.558 | 0149 | 3 | Rel-18 | B | EDGEAPP\_Ph2 | agreed |
| S6-223318 | EDGE-5 - EAS discovery | Qualcomm | 23.558 | 0150 | - | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223465 | EDGE-5 - EAS discovery | Qualcomm | 23.558 | 0150 | 1 | Rel-18 | B | EDGEAPP\_Ph2 | agreed |
| S6-223319 | EDGE-5 - ACR | Qualcomm | 23.558 | 0151 | - | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223466 | EDGE-5 - ACR | Qualcomm | 23.558 | 0151 | 1 | Rel-18 | B | EDGEAPP\_Ph2 | postponed |
| S6-223320 | EDGE-5 - Subscription | Qualcomm | 23.558 | 0152 | - | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223467 | EDGE-5 - Subscription | Qualcomm | 23.558 | 0152 | 1 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223563 | EDGE-5 - Subscription | Qualcomm | 23.558 | 0152 | 2 | Rel-18 | B | EDGEAPP\_Ph2 | revised |
| S6-223597 | EDGE-5 - Subscription | Qualcomm | 23.558 | 0152 | 3 | Rel-18 | B | EDGEAPP\_Ph2 | agreed |
| S6-223321 | Updates to involved entities and relationships | Qualcomm | 23.558 | 0153 | - | Rel-18 | B | EDGEAPP\_Ph2 | agreed |
| S6-223192 | Evaluation of sol#9 | China Mobile (Suzhou) Software | 23.700-99 | 0003 | - | Rel-18 | F | FS\_NSCALE | revised |
| S6-223451 | Evaluation of sol#9 | China Mobile (Suzhou) Software | 23.700-99 | 0003 | 1 | Rel-18 | F | FS\_NSCALE | agreed |

## Annex C: Lists of liaisons

### C1: Incoming liaison statements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Original | Title | From | Decision | Reply TDoc |
| S6-223087 | S2-2207394 | Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge | SA2 | replied to | S6-223487 |
| S6-223088 | OPG\_103 | LS reply to 3GPP SA6 on Clarification of Edge Node Sharing | GSMA OPG | replied to | S6-223506 |
| S6-223089 | MEC(22)000430r2 | LS reply to GSMA OPAG on E/WBI | ETSI ISG MEC | noted | (none) |
| S6-223090 | 2022 09 06 5G-ACIA-LS 05 | 5G capabilities exposure for factories of the future – identified gaps | 5G Alliance for Connected Industries and Automation (5G-ACIA) | noted | (none) |
| S6-223091 | OPAG 41 Doc 04 | 3GPP TR 23.700-98 V1.2.0 Analysis | OPG Operator Platform API Group | withdrawn | (none) |
| S6-223092 | S4aI221402 | Reply LS on 5MBS User Services | SA4 | noted | (none) |
| S6-223093 | S3-222525 | Reply LS on Security Requirements for the MSGin5G Service | SA3 | noted | (none) |
| S6-223094 | S3-222970 | LS on SNAAPP requirements clarifications | SA3 | replied to | S6-223488 |
| S6-223095 | S3-222972 | Draft LS reply on CAPIF authorization roles related to FS\_SNAAPP | SA3 | replied to | S6-223489 |
| S6-223096 | S3-223018 | Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network | SA3 | replied to | S6-223586 |
| S6-223103 | OPAG 41 Doc 04 | 3GPP TR 23.700-98 V1.2.0 Analysis | OPG Operator Platform API Group | replied to | S6-223613 |
| S6-223115 | OPG 111 Doc 03 | LS on GSMA OPG PRDs publication | GSMA OPG | noted | (none) |

### C2: Outgoing liaison statements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Document | Title | To | Cc | reply to i/c LS |
| S6-223339 | Reply LS on user’s consent for EDGEAPP | CT3 | SA2, SA3, CT4 | S6-221510 / C3-223780 |
| S6-223487 | Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network | SA2 | SA3 | S6-223087 / S2-2207394 |
| S6-223488 | LS reply on SNAAPP requirements clarifications | SA3, SA1 | - | S6-223094 / S3-222970 |
| S6-223489 | LS reply on CAPIF authorization roles related to FS\_SNAAPP | SA3 | - | S6-223095 / S3-222972 |
| S6-223506 | Reply LS on Clarification of Edge Node Sharing | GSMA OPG | 3GPP SA, SA2 | S6-223088 / OPG#103 |
| S6-223553 | Reply LS on Network federation interface for Telco edge consideration for a consolidated reply | 3GPP SA | 3GPP SA2, SA3, SA5, CT, CT3 | S6-222232 |
| S6-223554 | LS on availability of completed study in TR 23.700-98 | GSMA OPG, GSMA OPAG, ETSI MEC | - | - |
| S6-223558 | LS on the use of a non-network defined identifier for UE identification | SA3, SA2 | - |  |
| S6-223586 | Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network | SA3 | SA2 | S6-223096 / S3-223018 |
| S6-223587 | Clarification on the deployment of bundle EAS | SA5 | SA4 | - |
| S6-223613 | LS on Reply LS on 3GPP TR 23.700-98 V1.2.0 Analysis | GSMA OPAG | 3GPP SA, GSMA OPG | S6-223103 |
| S6-223628 | CAPIF extensions requested by ETSI ISG MEC | ETSI ISG MEC, 3GPP CT3 | SA, CT, SA3 | - |

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

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Title | Source | new/revised |
| S6-223619 | New WID on Application layer support for Personal IoT Network | SA6 | WID new |
| S6-223101 | Revised WID on architecture for UAS Applications, Phase 2 | SA6 | WID revised |
| S6-223303 | Revised WID for Study on application layer support for V2X services; Phase 3 | SA6 | WID revised |
| S6-223304 | Revised WID on application layer support for V2X services; Phase 3 | SA6 | WID revised |
| S6-223324 | Revised WID on Service Enabler Architecture Layer for Verticals Phase 3 | SA6 | WID revised |
| S6-223471 | Revised WID on architecture for enabling Edge Applications Phase 2 | SA6 | WID revised |
| S6-223472 | Revised WID on SEAL data delivery enabler for vertical applications | SA6 | WID revised |
| S6-223501 | Revised WID Application layer support for Factories of the Future | SA6. | WID revised |

## Annex E: List of draft Technical Specifications and Reports

n/a

## Annex F: List of action items

n/a

## Annex G: List of decisions

n/a

## Annex H: List of participants

|  |  |  |
| --- | --- | --- |
| Name | Representing | Status (OP) |
| ALEKSIEV, Vasil | Deutsche Telekom AG | 3GPPMEMBER (ETSI) |
| ALHALASEH, Rana | Ericsson GmbH, Eurolab | 3GPPMEMBER (ETSI) |
| AMOGH, Niranth | Huawei Telecommunication India | 3GPPMEMBER (TSDSI) |
| ASKERUP, Anders | Hewlett-Packard Enterprise | 3GPPMEMBER (ETSI) |
| AWONIYI-OTERI, Olufunmilola | Qualcomm Austria RFFE GmbH | 3GPPMEMBER (ETSI) |
| AZEM, Dania | BDBOS | 3GPPMEMBER (ETSI) |
| BELLING, Thomas | Nokia Japan | 3GPPMEMBER (ARIB) |
| BISHNOI, Pritam | TSDSI | 3GPPORG\_REP (TSDSI) |
| BOUAZIZI, Imed | Qualcomm Korea | 3GPPMEMBER (TTA) |
| BROSZEIT, Marco | Vodafone Italia SpA | 3GPPMEMBER (ETSI) |
| CASATI, Alessio | Nokia Italy | 3GPPMEMBER (ETSI) |
| CETINKAYA, Egemen | Verizon Denmark | 3GPPMEMBER (ETSI) |
| CHAN, Yee Sin | Facebook India | 3GPPMEMBER (TSDSI) |
| CHAUDHARI, Amar | IIT Delhi | 3GPPMEMBER (TSDSI) |
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| NEGALAGULI, Harish | Motorola Solutions Poland | 3GPPMEMBER (ETSI) |
| OETTL, Martin | Nokia Germany | 3GPPMEMBER (ETSI) |
| OPRESCU, Val | AT&T | 3GPPMEMBER (ATIS) |
| PALANIGOUNDER, Anand | Qualcomm Tech. Netherlands B.V | 3GPPMEMBER (ETSI) |
| PALAT, Sudeep | Intel Corporation (UK) Ltd | 3GPPMEMBER (ETSI) |
| PAN, Qi | HuaWei Technologies Co., Ltd | 3GPPMEMBER (CCSA) |
| PAN, Xiang | Nanjing Weibo | 3GPPMEMBER (CCSA) |
| PARAMBATH SASI, NIvedya | Samsung R&D Institute UK | 3GPPMEMBER (ETSI) |
| PATEROMICHELAKIS, Emmanouil | Lenovo Future Communications | 3GPPMEMBER (CCSA) |
| PATTAN, Basavaraj (Basu) | Samsung Electronics Co., Ltd | 3GPPMEMBER (TTA) |
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| PICA, Francesco | Qualcomm CDMA Technologies | 3GPPMEMBER (ETSI) |
| PIROARD, Francois | Airbus | 3GPPMEMBER (ETSI) |
| POZO, Sergio | Vodafone Romania S.A. | 3GPPMEMBER (ETSI) |
| QI, Minpeng | China Mobile Com. Corporation | 3GPPMEMBER (CCSA) |
| RAJENDRAN, Rohini | Samsung Electronics GmbH | 3GPPMEMBER (ETSI) |
| RAMAMOORTHY, Arunprasath | BEIJING SAMSUNG TELECOM R&D | 3GPPMEMBER (CCSA) |
| RAMANATH, Sreenath | Lekha Wireless Solutions | 3GPPMEMBER (TSDSI) |
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| RYU, Jinsook | Dish Network | 3GPPMEMBER (ATIS) |
| S, Vijay | Samsung Electronics Benelux BV | 3GPPMEMBER (ETSI) |
| SAHA, Dhiman | IIT Bhilai | 3GPPMEMBER (TSDSI) |
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| SÄLLBERG, Krister | Ericsson España S.A. | 3GPPMEMBER (ETSI) |
| SANDERS, Peter | one2many B.V. | 3GPPMEMBER (ETSI) |
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| SHAO, Weixiang | ZTE Corporation. | 3GPPMEMBER (CCSA) |
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| SHI, Xiaoyan | Intel Ireland | 3GPPMEMBER (ETSI) |
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| SHIH, Jerry | AT&T GNS Belgium SPRL | 3GPPMEMBER (ETSI) |
| SHIMADA, kazuki | NTT | 3GPPMEMBER (TTC) |
| SINGH, Vishakha | CEWiT | 3GPPMEMBER (TSDSI) |
| SOLOWAY, Alan | Qualcomm Incorporated | 3GPPMEMBER (ATIS) |
| SONG, hua | China Mobile (Suzhou) Software | 3GPPMEMBER (CCSA) |
| SONG, Yongsoo | KRRI | 3GPPMEMBER (TTA) |
| SONG, Yue | China Mobile (Hangzhou) Inf. | 3GPPMEMBER (CCSA) |
| SPEICHER, Sebastian | Qualcomm Europe Inc. Sweden | 3GPPMEMBER (ETSI) |
| SRINIVASAN, Suresh | Intel K.K. | 3GPPMEMBER (ARIB) |
| STARSINIC, Michael | InterDigital France R&D, SAS | 3GPPMEMBER (ETSI) |
| STEFANO, Faccin | QUALCOMM Europe Inc. - Italy | 3GPPMEMBER (ETSI) |
| STOCKHAMMER, Thomas | Qualcomm Technologies Ireland | 3GPPMEMBER (ETSI) |
| STOJANOVSKI, Saso | Intel Finland Oy | 3GPPMEMBER (ETSI) |
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| SUN, Haiyang | Huawei Device Co., Ltd | 3GPPMEMBER (CCSA) |
| SUN, Tao | China Mobile M2M Company Ltd. | 3GPPMEMBER (CCSA) |
| SUN, Xiaowen | vivo Mobile Communication (H) | 3GPPMEMBER (CCSA) |
| SUZUKI, Yuji | NTT DOCOMO INC. | 3GPPMEMBER (TTC) |
| TANGUDU, Narendranath Durga | Samsung Guangzhou Mobile R&D | 3GPPMEMBER (CCSA) |
| THIEBAUT, Laurent | Nokia France | 3GPPMEMBER (ETSI) |
| TONESI, Dario Serafino | Qualcomm Finland RFFE Oy | 3GPPMEMBER (ETSI) |
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| VAISHNAVI, Ishan | Nokia Germany | 3GPPMEMBER (ETSI) |
| VARGA, Imre | QUALCOMM JAPAN LLC. | 3GPPMEMBER (ARIB) |
| VELEZ, Laurent | ETSI | 3GPPORG\_REP (ETSI) |
| VERWEIJ, Kees | Netherlands Police | 3GPPMEMBER (ETSI) |
| VIALEN, Jukka | Airbus | 3GPPMEMBER (ETSI) |
| VOLNAY, Christophe | ETSI | 3GPPORG\_REP (ETSI) |
| WANG, Hui | GUANGDONG GENIUS TECHNOLOGY CO | 3GPPMEMBER (CCSA) |
| WANG, Yan | Huawei Technologies (Korea) | 3GPPMEMBER (TTA) |
| WEI, QUN | Unicom Broadband Online | 3GPPMEMBER (CCSA) |
| WIEHE, Ulrich | Nokia Solutions & Networks (I) | 3GPPMEMBER (TSDSI) |
| WILD, Peter A. | Vodafone España SA | 3GPPMEMBER (ETSI) |
| WON, Sung Hwan | Nokia Korea | 3GPPMEMBER (TTA) |
| WOODWARD, Tim | Motorola Solutions Danmark A/S | 3GPPMEMBER (ETSI) |
| WU, Jinhua | Beijing Xiaomi Mobile Software | 3GPPMEMBER (ETSI) |
| WU, Xiaobo | vivo Mobile Communication Co., | 3GPPMEMBER (CCSA) |
| XIAO, Xiao | iQoo | 3GPPMEMBER (CCSA) |
| XIE, Zhenhua | vivo Mobile Communication (S) | 3GPPMEMBER (CCSA) |
| YAMAUCHI, Kenta | NTT DOCOMO INC. | 3GPPMEMBER (ARIB) |
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| YANG, Yanmei | HiSilicon Technologies Co. Ltd | 3GPPMEMBER (CCSA) |
| YAO, Ge | VSENS | 3GPPMEMBER (CCSA) |
| YAO, Yizhi | Intel Technology Poland SP Zoo | 3GPPMEMBER (ETSI) |
| YI, Haofan | BJTU | 3GPPMEMBER (CCSA) |
| YI, Jong-Hwa | ETRI | 3GPPMEMBER (TTA) |
| YU, Hang | Nanjing Weibo | 3GPPMEMBER (CCSA) |
| ZHANG, Amy | VIVO TECH GmbH | 3GPPMEMBER (ETSI) |
| ZHANG, Dawei | Apple France | 3GPPMEMBER (ETSI) |
| ZHANG, Shuang | Huawei Technologies R&D UK | 3GPPMEMBER (ETSI) |
| ZHANG, Wanqiang | Huawei Tech.(UK) Co.. Ltd | 3GPPMEMBER (ETSI) |
| ZHANG, Yizhong | vivo Japan KK | 3GPPMEMBER (ARIB) |
| ZHAO, Shuai | Intel Sweden AB | 3GPPMEMBER (ETSI) |
| ZHOU, Xutao | vivo Japan KK | 3GPPMEMBER (ARIB) |
| ZHU, Chunhui | Beijing Xiaomi Electronics | 3GPPMEMBER (CCSA) |
| ZHU, Fangyuan | HUAWEI Technologies Japan K.K. | 3GPPMEMBER (ARIB) |
| ZHU, Jianchi | China Telecommunications | 3GPPMEMBER (ETSI) |
| ZISIMOPOULOS, Haris | Qualcomm France | 3GPPMEMBER (ETSI) |
| **Delegates registered for remote participation (informative only – does not accrue voting rights )** | | |
| AHN, Byung Jun | ETRI | 3GPPMEMBER (TTA) |
| ALI, Ansab | Intel Belgium SA/NV | 3GPPMEMBER (ETSI) |
| BEICHT, Peter | Kontron Transportation France | 3GPPMEMBER (ETSI) |
| CHEN, Xu | China Mobile (Hangzhou) Inf. | 3GPPMEMBER (CCSA) |
| DONG, Weiye | China Mobile M2M Company Ltd. | 3GPPMEMBER (CCSA) |
| FLANDER, Andreas | BDBOS | 3GPPMEMBER (ETSI) |
| GANDOTRA, Rahil | CableLabs | 3GPPMEMBER (ETSI) |
| GE, Cuili | Huawei Technologies Japan K.K. | 3GPPMEMBER (TTC) |
| HJELM, Bjorn | Verizon Sweden | 3GPPMEMBER (ETSI) |
| JAKSA, Robert | Comcast | 3GPPMEMBER (ATIS) |
| KUROIWA, Fumito | NTT DOCOMO INC. | 3GPPMEMBER (ARIB) |
| LIMEI, Wei | TD Tech Ltd | 3GPPMEMBER (CCSA) |
| LIPING, Wu | CATT | 3GPPMEMBER (CCSA) |
| LIU, Andy(Di) | Hytera Communications Corp. | 3GPPMEMBER (CCSA) |
| MELLIES, Renaud | MINISTERE DE L'INTERIEUR | 3GPPMEMBER (ETSI) |
| MURUGESAN, Karthik | Motorola Solutions UK Ltd. | 3GPPMEMBER (ETSI) |
| MYSORE ANNAIAH, Mahesh Nayaka | Reliance Jio | 3GPPMEMBER (TSDSI) |
| NOMAN, Zubair | Comcast | 3GPPMEMBER (ATIS) |
| NORTON, Mark | U.S. Department of Defense | 3GPPMEMBER (ATIS) |
| PAREGLIO, Barbara | GSM Association | 3GPPMARK\_REP (OTHER) |
| RAUSCHENBACH, Uwe | Nokia Italy | 3GPPMEMBER (ETSI) |
| TOUFIK, Issam | ETSI | 3GPPORG\_REP (ETSI) |
| WANG, Han | HuaWei Technologies Co., Ltd | 3GPPMEMBER (CCSA) |
| XIONG, Chunshan | CATT | 3GPPMEMBER (ETSI) |
| XU, Wenliang | Ericsson Limited | 3GPPMEMBER (ETSI) |
| XUE, Kaixin | CBN | 3GPPMEMBER (CCSA) |
| YIN, Yujian | China Mobile Group Device Co. | 3GPPMEMBER (CCSA) |
| ZAUS, Robert | Apple GmbH | 3GPPMEMBER (ETSI) |
| ZHANG, Zhuoyun | Tencent Cloud | 3GPPMEMBER (CCSA) |
| ZHENG, Shaowen | China Mobile (Suzhou) Software | 3GPPMEMBER (CCSA) |

## Annex I: List of future meetings

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Title** | **Start date** | **End date (OP)** | **Town** | **Country** | **Reference** |
| 3GPPSA6#52-bis-e | 11/01/2023 | 20/01/2023 | Online |  | S6-52-bis-e |
| 3GPPSA6#53 | 27/02/2023 | 03/03/2023 | Athens | Greece | S6-53 |
| 3GPPSA6#54-e | 17/04/2023 | 26/04/2023 | Online |  | S6-54-e |
| 3GPPSA6#55 | 22/05/2023 | 26/05/2023 | TBC | Europe | S6-55 |
| 3GPPSA6#56 | 21/08/2023 | 25/08/2023 | TBC | Europe | S6-56 |
| 3GPPSA6#57-e | 11/10/2023 | 20/10/2023 | Online |  | S6-57-e |
| 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 |