**3GPP TSG-SA WG6 Meeting #60 S6-240795**

**Changsha, China 15th – 19th April 2024**

Source: MCC

Title: SA6 Meeting 59 report

Agenda Item: 3

Contact: Bernt Mattsson bernt.mattsson@etsi.org

*Abstract: Meeting report of 3GPP SA6 meeting #59*

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

**Meeting Report  
for  
TSG SA WG6  
meeting: 59**

**Athens, Greece, 26/02/2024 to 01/03/2024**

Report generated on Monday, 2024-04-08 07:05 UTC

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## 1 Opening of the meeting

### 1.1 Welcome speech

The chair Alan Soloway (Qualcomm) opened the meeting. The overall planning and schedule of the meeting and parallel streams can be found in the meeting agenda.

### 1.2 IPR and antitrust policy reminders

**IPR Call Reminder:**

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

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

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

- to investigate whether their organization or any other organization owns IPRs which were, or are likely to become Essential in respect of the work of 3GPP.

- to notify their respective Organizational Partners of all potential IPRs, e.g., for ETSI, by means of the IPR Statement and the Licensing declaration forms (<https://www.3gpp.org/about-3gpp/legal-matters> ).

**Antitrust declaration:**

The chair of the meeting made the following antitrust declaration:

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

### 1.3 Reminder to register to the meeting

The chair reminded delegates of the importance to register for the meeting.

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

The chair reminded delegates of the importance of not only registering to the meeting but also to confirm their attendance in the meeting by checking in for the meeting. This will have a particular importance in the present meeting as a Vote for the chair will be held. The delegates were also reminded to wear their badges.

## 2 Agenda and Chair notes

**S6-240001 SA6 Meeting 59 - Agenda**

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

**Abstract:**

Agenda for the SA6#59 meeting

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

**S6-240003 SA6 Meeting #59 - Agenda with Tdocs allocation after submission deadline**

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

**Abstract:**

The SA6#59 meeting agenda with Tdocs allocation after submission deadline

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

**S6-240004 SA6 Meeting #59 - Agenda with Tdocs allocation at start of the meeting**

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

**Abstract:**

The SA6#59 meeting agenda with Tdocs allocation at the start of the meeting

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

**S6-240005 SA6 Meeting #59 - Chair's notes at end of the meeting**

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

**Abstract:**

Chair's notes at end of the SA6#59 meeting

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

## 3 Report from previous meetings

**S6-240002 SA6 Meeting 58 Report**

*Type: report For: Approval  
 Source: MCC*

**Abstract:**

The report of the SA6#58 meeting.

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

**S6-240027 SA6 Chair Report from SA#102**

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

**Discussion:**

Chair presented the highlights from SA#102.

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

## 4 Liaison statements

### 4.1 Incoming LSs

**S6-240010 Reply LS on clarifications on V2X, UAS and SEAL entities acting as EAS**

*Type: LS in For: Action  
 Original outgoing LS: C3-235618, to SA6, cc CT1  
 Source: CT3*

**Abstract:**

1 . Overall description

CT3 thanks SA6 for their reply LS on the clarifications on V2X, UAS and SEAL entities acting as EAS requested by CT3.

CT3 has discussed this reply LS and would like to ask the following additional questions:

As specified in clause 7.2.4 of TS 23.558 and also rightfully reminded in SA6's response, "the EAS ID identifies a particular EAS service" and "EAS ID is sufficient to distinguish different application services". In order to support the requirements in e.g., clause 9.4 of TS 23.433 ("NOTE: For the same VAL application, VAL servers for Scenario (a) and Scenario (b) and VAL servers without SEALDD service may coexist in the same EDN. The three types of servers may use different EAS IDs or other information (e.g. EAS service, additional associated SEALDD server information) to differentiate each other for EAS discovery").

Question 1: Can SA6 indicate how the entity (e.g., UAE Server, UASS, VAE Server, VASS, etc.) should be identified? Is it via the EAS ID or the EAS type/category?

Question 2: Can SA6 indicate how the generic application (e.g., V2X, UAS) should be identified? Is it via the EAS ID or the EAS type/category?

As per the requirements in Annex D of TS 23.286, the SEAL Servers can act as an EAS.

Question 3: As SEAL is more of an enabler layer (i.e., not an application per say), can SA6 indicate whether "SEAL” is required to be added in the EAS type/category or not?

2. Actions

To: SA6

ACTION: CT3 kindly asks SA6 to provide feedback on the above questions.

**Discussion:**

Huawei presented the LS.

It was noted that two different reply proposals were found as S6-240121 and S6-240320.

**Decision:** The document was **replied to in S6-240121**.

**S6-240014 LS reply on inputs for mapping GSMA OPG architecture roles with 3GPP defined Edge architectures**

*Type: LS in For: Action  
 Original outgoing LS: S5-238096, to SA6, cc -  
 Source: SA5*

**Abstract:**

1 . Overall description

SA would like to thanks SA6 on the LS on inputs for GSMA role mapping. SA5 would like to provide the responses as follows in the column “Inputs from SA5”.

|  |  |  |  |
| --- | --- | --- | --- |
| Interface | Scenario | Description | Inputs from SA5 |
| NBI | Edge Cloud Infrastructure Endpoint Exposure | The Application Provider uses an authenticated and authorized endpoint to carry out scenarios involving application instances on edge clouds; | ASP interacts with 3GPP Management system using Management Service for Edge Computing, as defined in Clause 8 of 3GPP TS 28.538, to carry out scenarios involving application instances on Edge Data Network. |
| Application Onboarding | The Application Provider uses the NBI to provide application images and metadata to the OP Federation Broker/Manager Role | Application instances are managed by 3GPP Management System as VNFs. VNF on boarding is defined in ETSI NFV IFA013.  This may require additional functionality to be defined between ASP and ECSP Management System. |
| Application Metadata/Manifest Submission | The Application Provider uses the NBI and the metadata model to submit application metadata to the OP and follows defined procedures to extend the metadata model specification |
| Application CI/CD Management DevOps | The Application Provider integrates the CI/CD framework used to create an application with the OP via NBI APIs (which implies an integration between a CI/CD framework and Application Onboarding and Lifecycle Management) | In scope of SA5. Not yet defined. |
| Application Lifecycle Management | The Application Provider observes and changes the operational state of application instances, including the geographical/network extent of the OP on which application instances may run; | Clause “7.1 Lifecycle management” of 3GPP TS 28.538. |
| Application Resource Consumption Monitoring | The Application Provider observes resource consumption of application instances, using the resource data model | Defined in clause “8.2.1 EAS performance assurance” of 3GPP TS 28.538. The virtual resource usage can be monitored by collecting the respective performance measurements as defined in clause 8.2.1.2 of 3GPP TS 28.538. |
| Edge Cloud Resource Catalogue exposure | The Application Provider inventories edge cloud resources nominally available to application instances | In scope of Rel-18 eECM. Not yet defined. |
| Network Capabilities exposure | The Application Provider inventories network capabilities, like Network Analytics, nominally available to application instances | Not in-scope of SA5 eECM WID but in scope of SA5 network slice management capability exposure study for Rel-19. |

|  |  |  |
| --- | --- | --- |
| Interface | Scenario | Inputs from SA5 for Mapping to 3GPP EDGEAPP |
| SBI | Inventory, Allocation and Monitoring of Compute resources from Edge Cloud Infrastructure via the Southbound Interface – Cloud Resources (SBI-CR); | Application instances are managed by 3GPP Management System as VNFs. VNF resource orchestration, including reservation, is defined in ESTI NFV IFA013 |
| Orchestration of Application instances on the Edge Cloud Infrastructure via the SBI-CR interface |
| Cloud resource reservation managed by the OP |
| Configuring UE traffic management policies to accomplish the application's requirements, or the UE's IP address shall be maintained | Not in-scope of SA5. |
| Exposure of usage and monitoring information to operator's charging engine via the Southbound Interface – Charging functions (SBI-CHF) to enable operators to charge for the OP's services. | The charging for edge is defined in 3GPP TS 32.257. |
| Southbound Interface – Network Resources (SBI-NR) | Fetch Cloudlet locations based on the mobile network data-plane breakout location | Not in-scope of SA5. |
| Subscribe and receive notifications on UE Mobility events from the network to assist applications |
| Configure traffic steering in the Mobile Network towards Applications orchestrated in Edge Clouds |
| Receive statistics/analytics, e.g. to influence Application placement or mobility decisions |
| Receive information related to the network capabilities, such as QoS, policy, network information, etc |
| UNI | Application Instantiation/Termination, e.g. based on triggers from the UNI |
| Application Endpoint exposure towards User Clients (UC) via the UNI |
| Application Placement decisions, e.g. based on measurements/triggers from the UNI |
| OAM | Exposing slice LCM notifications and status to ASP including access control | Not in-scope of SA5 eECM WID but in scope of SA5. |

|  |  |  |
| --- | --- | --- |
| Interface | Scenario | Inputs from SA5 for Mapping to 3GPP EDGEAPP |
| EWBI | Federation Interconnection Management | Clause “7.x.2 Edge Federation Establishment” of 3GPP TS 28.538. |
| Edge Cloud Resource Exposure and Monitoring towards partner OPs | In scope of Rel-18 eECM. Not yet defined. |
| Network and Analytics Capabilities Exposure towards partner OPs | In-scope of SA5. But not included in eECM WID. |
| Application Images and Application metadata transfer towards partner OPs | Application instances are managed by 3GPP Management System as VNFs. Application Image and metadata management is considered part of VNF onboarding. VNF onboarding is defined in ETSI NFV IFA013. |
| Application Instantiation/Termination towards partner OPs | Clause “7.x.3 Edge Federation Establishment” of 3GPP TS 28.538. |
| Application Monitoring towards partner OPs | In scope of Rel-18 eECM. Not yet defined. |
| Edge Cloud Resource Catalogue exposure | In scope of Rel-18 eECM. Not yet defined. |
| Service Availability in visited networks | Not in-scope of SA5. |

**Discussion:**

Samsung presented the LS.

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

**S6-240035 LS reply on inputs for mapping GSMA OPG architecture roles with 3GPP defined Edge architectures**

*Type: LS in For: Action  
 Original outgoing LS: S5-238096, to SA6, cc -  
 Source: SA5*

**Discussion:**

Duplicate of S6-240014.

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

**S6-240036 LS on alignment of 3GPP EDGEAPP, ETSI MEC and GSMA OP architectures**

*Type: LS in For: Action  
 Original outgoing LS: S5-240794, to SA6, cc -  
 Source: SA5*

**Abstract:**

1 Overall description

3GPP SA5 would like to thank SA6 for LS alignment of 3GPP EDGEAPP, ETSI MEC and GSMA OP architectures. SA5 would like to provide the response as follows:

SA5 would like to propose the following mapping



**Figure 1: Relationship between EDGEAPP architecture and GSMA OPG reference architecture without Federation**



**Figure 2: Relationship between EDGEAPP architecture and GSMA OPG reference architecture with Federation**

MnSAgent exposes MnS (Management Service) to be consumed by the authorized consumer. See 3GPP TS 28.622.

The SBI-OAM is considered internal to ESCP Management System.

The functionality of OP SBI-CHF is yet to be studied to see if that can be fulfilled by the 3GPP charging framework. Therefore the following statement cannot be agreed:

“*The charging function as specified in 3GPP TS 32.257 [x] caters to the requirements of OP's SBI-CHF interface over N49 reference point.” cannot be agreed, this has first to be investigated by SA5 Charging*”

From SA5 perspective, the OP SBI-CR may map with Os-Ma-nfvo, but the concrete mapping should be decided by GSMA and ETSI NFV.

2 Actions

**To SA6**

**ACTION:** 3GPP SA5 requests SA6 to consider the above response for future work.

**Discussion:**

Samsung presented the LS.

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

**S6-240022 LS on Application traffic influence trigger from EAS**

*Type: LS in For: Action  
 Original outgoing LS: C3-240241, to SA6, cc -  
 Source: CT3*

**Abstract:**

1. Overall description

CT3 is implementing Eees\_TrafficInfluenceEAS Service according to the normative requirements in TS 23.558, while there's only create operation of the service API in stage 2.

CT3 would like to inform SA6 that CT3 has defined the update and cancellation service operations to complete the service definition, which can be used by the service consumer to update and cancel the EAS application traffic influence in the EES.

2 . Actions

To SA6:

ACTION: CT3 kindly asks SA6 to take above information into account and share the concerns if any.

**Discussion:**

China Mobile presented the LS.

It was proposed to prepare following CRs in response to the LS.

Tdoc Cat Rel Spec CR#

S6-240402 Cat F Rel-18 23.558 CR#598

S6-240403 Cat A Rel-19 23.558 CR#599

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

**S6-240018 LS on collaboration and alignment of 3GPP defined application enablers with GSMA Open Gateway**

*Type: LS in For: Information  
 Original outgoing LS: SP-231778, to GSMA Open Gateway, cc GSMA OPG, SA2, SA5, SA6, CT  
 Source: SA*

**Abstract:**

**1 Overall description**

3GPP SA6 specified Application Enablement standards including, service frameworks (CAPIF, EDGEAPP, SEAL services including NSCE, ADAE, SEALDD) and vertical application enabler architectures (V2XAPP, UASAPP, 5GMARCH, PINAPP), to enable various industry vertical applications over 3GPP networks. For a quick overview, you can refer to [Application Enablement Standards in 3GPP](https://www.3gpp.org/technologies/sa6-app-enable), and [3GPP SA6 R18 – 5G Critical Communications and Application Enablement Standards](https://www.3gpp.org/newsletter-issue-07-nov-2023#flipbook-flip8/15/). You may also find additional information on the [3GPP SA6 page](https://www.3gpp.org/3gpp-groups/service-system-aspects-sa/sa-wg6).

A screenshot of a computer

Description automatically generated

As shown in the above figure, SA6 defined Application Enablement layer serves as an application middleware, with capabilities which are reusable application components that can be used to develop Applications. 3GPP Application Enablement APIs are designed to hide the complexity of underlying the 5G core capabilities, and enable interactions between the Application Developers/Service Providers (ASPs) and the 3GPP Network Layer, across both user equipment (UE) and the core network.

3GPP SA6 is making continuous efforts to align 3GPP defined EDGEAPP architecture with GSMA Operator Platform (OP) architecture and requirements. These efforts have resulted in features such as Edge Node Sharing, Federation and Roaming in Rel-18 EDGEAPP work in [3GPP TS 23.558](https://www.3gpp.org/ftp/Specs/archive/23_series/23.558/23558-i40.zip).

3GPP SA6 believes that such collaboration and alignment with GSMA may be mutually beneficial for example in area such as GSMA Open Gateway initiative, taking into consideration the SA6 Application Enablement standards such as CAPIF, SEAL services (including NSCE, ADAE, SEALDD), V2XAPP, UASAPP, 5GMARCH, and PINAPP.



With reference to the above figure from [GSMA Open Gateway architecture](https://www.gsma.com/futurenetworks/wp-content/uploads/2023/05/The-Ecosystem-for-Open-Gateway-NaaS-API-development.pdf), 3GPP SA6 indicates that application enablement standards and the related APIs (see the 3GPP Application Enablement APIs list in the Annex below) can bring additional value to the developer/operator ecosystem. 3GPP Application Enablement APIs can be viewed as aPaaS (Application Platform as a Service). They may be directly considered as transformation functions and/or third-party facing APIs and/or as Network/Cloud Capabilities, depending on the GSMA API requirements.

SA kindly asks GSMA to consider the above information.

**2 Actions**

**To GSMA Open Gateway**

**ACTION:** 3GPP TSG SA kindly asks GSMA to consider the above information in the area of Application Enablement work within the GSMA Open Gateway initiative.

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

**S6-240011 Reply LS on CAPIF extensibility**

*Type: LS in For: Action  
 Original outgoing LS: C3-235619, to SA6, SA3, cc SA, CT, ETSI ISG MEC  
 Source: CT3*

**Abstract:**

**1 Overall description**

CT3 thanks SA6 and SA3 on the work carried out on CAPIF alignment with ETSI ISG MEG.

CT3 would like to inform SA6 and SA3 that CT3 progressed on the definition of the related stage 3 work by supporting the extensibility of query parameters via the attached agreed CRs to the concerned specifications.

2 Actions

**To: SA6 and SA3**

**ACTION:** CT3 kindly asks SA6 and SA3 to take above information into account.

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

**S6-240020 Reply LS on CAPIF extensibility**

*Type: LS in For: Action  
 Original outgoing LS: C3-240155, to ETSI ISG MEC, SA6, SA3, cc SA, CT  
 Source: CT3*

**Abstract:**

**1 Overall description**

CT3 thanks ETSI ISG MEC on their reply LS on CAPIF extensibility and alignment with ETSI ISG MEG.

CT3 would like to inform ETSI ISG MEC, SA6 and SA3 that CT3 completed the definition of the extensibility of the security methods as per the agreed CR#0301 (TS 29.222, C3-240220) attached to this LS.

With this, CT3 would like to inform ETSI ISG MEC, SA6 and SA3 that CT3 completed the definition of the CAPIF extensibility and alignment with ETSI ISG MEG requirements, i.e.:

- Extensibility of the data model, with in particular the extensibility of the protocols, data formats and security methods for AEFs defined outside 3GPP.

- Extensibility of the query parameters for AEFs defined outside 3GPP.

Regarding the question on the service API category, CT3 is still discussing it and will provide a feedback in its future meetings.

**2 Actions**

**To: ETSI ISG MEC, SA6 and SA3**

**ACTION:** CT3 kindly asks ETSI ISG MEC, SA6 and SA3 to take above information into account.

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

**S6-240017 Response LS to 3GPP CT3 on CAPIF extensibility**

*Type: LS in For: Information  
 Original outgoing LS: MEC(23)000524r3, to CT3, cc SA3, SA6  
 Source: ETSI MEC*

**Abstract:**

**1. Overall description:**

ETSI ISG MEC thanks 3GPP CT3 for their efforts in providing extensibility points in the CAPIF protocol design, and for informing us about the progress.

In our earlier communication MEC(22)000451r6 / C3-222714, we have requested 3GPP to define extensibility mechanisms to enable the following:

Allow ETSI ISG MEC to extend enumerations, e.g., for data formats, protocols and security mechanisms, without breaking "native" CAPIF API invokers

Support extension containers that would allow an "extended" CAPIF AEF to provide additional information during service API publication, persist such extension containers by CAPIF and return them as part of the discover service APIs result.

Provide a mechanism that allows definition of additional filtering criteria for discover service API queries.

From the information that you have kindly shared with us so far, we understand that most of these mechanisms are in place now by the CRs approved to date, with the signalling of non-3GPP security mechanisms (such as the MEC profile of OAuth, or security mechanisms for alternative protocol bindings such as message buses) as the last remaining open topic.

Based on the mechanisms defined by 3GPP, ETSI ISG MEC is currently in the process of defining a CAPIF-based profile of their Service Management interface with functionality to register (publish) and discover MEC service API information and to subscribe / notify changes to such information. The draft [GS MEC011 V 3.1.9](https://docbox.etsi.org/ISG/MEC/Open/MEC011%20Plat.App.Enab%20drafts/MEC011v321/gs_mec011Plat.App.Enabv319_Stable%20draft.pdf) available from the ETSI MEC Open Area contains the latest snapshot of that solution under development. ETSI ISG MEC is looking forward to receiving information about the extensibility mechanism to be applied to security methods signalling which will enable us to complete our specification.

Further, from reviewing TS 29.222 V 18.3.0 while developing our solution, ETSI ISG MEC understands from clause 8.2.4.2.2 that the “serviceAPICategory” attribute in “ServiceAPIDescription” is only applicable for CAPIF-6/6e. However, the service discovery query parameter “api-cat” defined in clause 8.1.2.2.3.1 does not have this restriction. ETSI ISG MEC would like to understand whether “api-cat” is also only applicable to CAPIF-6/6e or alternatively, which information in the data model would be used on CAPIF-1/1e to filter a discovery query by “api-cat”.

**2. Actions:**

ETSI ISG MEC kindly asks 3GPP CT3 to:

* inform us once a CAPIF signalling extension for non-3GPP security methods is available
* provide guidance on the applicability of “api-cat” in CAPIF-1/1e

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

**S6-240009 LS on the implementation of the SS\_VALServiceData API**

*Type: LS in For: Action  
 Original outgoing LS: C3-235524, to SA6, cc -  
 Source: CT3*

**Abstract:**

1. Overall description

CT3 is discussing the implementation of the SS\_VALServiceData API defined in 3GPP TS 23.434.

The Get VAL service request defined in clause 11.3.2.13 of 3GPP TS 23.434 specifies the "Identity list" information element with the following description: “The VAL user IDs or VAL UE IDs."

CT3 has the following question about the "Identity list" information element in clause 9.3.5:

Question: Is it possible to provide the combination of VAL user IDs and VAL UE IDs in the "Identity list" information element, e.g., [VAL UE ID A, VAL user ID B, VAL UE ID C]?

2. Actions

To SA6 group:

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

**Discussion:**

Ericsson presented the LS.

Proposed draft reply can be found as S6-240190.

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

**S6-240012 Reply LS on questions related to SEALDD APIs**

*Type: LS in For: Action  
 Original outgoing LS: C1-239188, to SA6, cc CT3  
 Source: CT1*

**Abstract:**

1. Overall Description:

CT1 thanks SA6 on their LS on questions related to SEALDD APIs.

CT1 would like to inform that regarding the response to the question 1; CT1 has agreed to align with the information provided by SA6 in their LS so that the VAL UE ID element has been updated in the new CT1 specification for SEALDD (i.e., 3GPP TS 24.543). This ensures that the CT1 and CT3 protocols on SEALDD are also aligned.

2. Actions:

To RAN2 group.

ACTION: CT1 kindly asks SA6 to take the above information.

**Discussion:**

Huawei presented the LS.

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

**S6-240013 LS on service authorization for/to partner MC system**

*Type: LS in For: Action  
 Original outgoing LS: C1-239502, to SA3. SA6, cc SA1  
 Source: CT1*

**Abstract:**

1. Overall Description:

CT1 agreed to use the SIP REGISTER method for the migration service authorization request from a MC service client (described in Clauses 10.6.3.2.1 and 10.6.3.3.1 (Step 1) of TS 23.280 and Step 1 in Figure 5.1.5-2 of TS 33.180) as can be seen from the attached CR (agreed in CT1#144). This decision implies that the SIP registration is completed as part of the migration service authorization (described in Clause 10.6.3.3.1 of TS 23.280 and Step 6 in Figure 5.1.5-1 of TS 33.180). Since SIP registration is performed using identities and credentials applicable in the partner MC system, CT1 sees no need for the procedure defined in Clause 10.1.6 of TS 23.280.

Furthermore, it is CT1’s understanding that access tokens used for the procedures in Steps 6 and 7 in Figure 5.1.5-1 of TS 33.180 are identical. Therefore, CT1 does not see a need to mandate:

- the authorization to an MC service in the partner MC system (described in Step 7 in Figure 5.1.5-1 of TS 33.180);

in addition to:

- the migration service authorization (described in Step 6 in Figure 5.1.5-1 of TS 33.180);

if the same SIP registration is used for both migration service authorization and authorization to an MC service in the partner MC system.

2. Actions:

To SA3, SA6

ACTION: CT1 respectfully asks SA3 and SA6 to update their specifications according to the above.

**Discussion:**

Nokia presented the LS.

**Decision:** The document was **replied to in S6-240404**.

**S6-240019 LS on A-DCCF, A-ADRF and ADAES services**

*Type: LS in For: Action  
 Original outgoing LS: C3-240095, to SA6, cc -  
 Source: CT3*

1. Overall Description:

CT3 is specifying the ADAES related services as defined in TS 23.436. The A-DCCF was involved into the ADAE internal functional architecture in clause 5.3, but no related services are defined for A-DCCF. CT3 would like to ask SA6:

**Question 1:** How the A-DCCF will be used by the consumer to collect the application data?

The following description indicates that the ADAE server as a consumer may store the obtained data and/or analytics in an A-ADRF. However, there is no storage service is defined for A-ADRF.

*- Application layer – Analytics and Data Repository Function (A-ADRF) stores historical data and/or analytics, i.e., data and/or analytics related to past time period that has been obtained by the consumer (e.g. ADAE server). After the consumer obtains data and/or analytics, consumer may store historical data and/or analytics in an A-ADRF. Whether the consumer directly contacts the A-ADRF or goes via the A-DCCF is based on configuration.*

**Question 2:** Does the storage service need to be supported by the A-ADRF?

CT3 would like to inform SA6 that Rel-18 will be frozen in March 2024. If new services need to be introduced for the A-DCCF and A-ADRF, CT3 may not have the opportunity to define these new services in Rel-18 and can only consider defining them in R19.

The initial request of the service contains the API name via the HTTP URL, and the following description also indicates that each analytics ID corresponds to a specific service, which means that the analytics event has been determined when the consumer initiating the service.

*The analytics ID (or analytics event ID) identifies the application layer analytics event which corresponds to the specified ADAE analytics services.*

**Question 3:** Why the analytics ID is still mandatory/needed in the subscription requests, such as in Table 8.3.3.2-1 and Table 8.4.3.2-1?

For the Reporting configuration included in the request, e.g. in Table 8.5.3.4-1,

*Table 8.5.3.4-1: Location accuracy data request*

|  |  |  |
| --- | --- | --- |
| *Information element* | *Status* | *Description* |
| *ADAE server ID* | *M* | *The identifier of the ADAE server* |
| *Analytics ID* | *M* | *The identifier of the analytics event* |
| *List of VAL UE IDs and addresses* | *M* | *The VAL UE(s) identifiers and IP address(es) for which the data/analytics apply* |
| *VAL service ID* | *O* | *The service ID, in case of requesting historical data for a particular VAL service.* |
| *Reporting configuration* | *O* | *The configuration of data reporting including the format, data collection requirements, abstraction needed, etc* |
| *Area of Interest* | *O* | *The geographical or service area for which the subscription request applies* |
| *Time validity* | *O* | *The time validity of the request* |

**Question 4:** What’s the meaning of the "format", "data collection requirements", and "abstraction" in the "The configuration of data reporting including the format, abstraction needed, etc " sentence?

For the specific content of the Analytics/Data Output, e.g. the Analytics Output in Table 8.5.3.5-1, Data Output in Table 8.8.3.6-1, etc.

**Question 5:** Does the specific content of the Analytics/Data Output need to be defined?

**Question 6:** If the answer to question 5 is yes, then what specific metric information should be included in each Analytics/Data Output?

2. Actions

**To SA6:**

**ACTION:** CT3 kindly asks SA6 to answer above questions and amend the specifications accordingly if needed.

**Discussion:**

Huawei presented the LS.

A proposed reply LS is available as S6-240334.

**Decision:** The document was **replied to in S6-240334**.

**S6-240021 LS on Issues related to ADAE server APIs**

*Type: LS in For: Action  
 Original outgoing LS: C3-240225, to SA6, cc -  
 Source: CT3*

**Abstract:**

1 . Overall description

CT3 is implementing the ADAE server APIs. CT3 noticed that ADAE APIs do not have unsubscribe service operations defined and would like to inform SA6 that CT3 specifies unsubscribe method for the subscriptions as an optimization for the ADAES-1 reference point interfaces.

Also, CT3 would like to ask SA6 about the following questions related with the ADAES APIs:

The ADAES APIs defined in 3GPP TS 23.436 has subscribe-notified communication type. The majority of ADAES APIs do not specify the notification reporting requirements (see clauses 8.3.3.2, 8.5.3.2, 8.6.3.2, 8.8.3.2 in 3GPP TS 23.436).

Question 1: When there are no reporting requirements provided in the subscription request (see clauses 8.3.3.2, 8.5.3.2, 8.6.3.2, 8.8.3.2 in 3GPP TS 23.436), what are the reporting conditions when the notifications to the VAL server shall be provided?

In SA6#57 meeting, SA6 agreed to remove analytics filter information in some APIs subscription request. However, the analytics filter information is present in clause 8.8.3.8 of 3GPP TS 23.436 without detailed definition.

Question 2: Is the analytics filter information IE in clause 8.8.3.8 of 3GPP TS 23.436 needed to be implemented in Stage 3? If the analytics filter information IE is needed, what is the detailed content of this IE in clause 8.8.3.8 of 3GPP TS 23.436?

CT3 noticed inconsistency in the Get service operation of the SS\_ADAE\_edge\_analytics API. Step 2 of clause 8.8.2.2 defines that the ADAE server shall execute steps 3-10 described in clause 8.8.2.1 to obtain the "analytics data". After execution of steps 3-10 in clause 8.8.2.1, the ADAE Server has the collected data. However, the output of the Get service operation defined in clause 8.8.3.9 describes the derived analytics for the edge analytics subscription.

Question 3: Can SA6 clarify the content of the Get service operation output in the SS\_ADAE\_edge\_analytics API?

In TS 23.436, the analytics type included in the subscription request (e.g. in Table 8.5.3.2-1, but applies to other APIs as well) and in the notification (e.g. Table 8.5.3.6-1, but applies to other APIs as well) are defined differently but include some common parts.

Question 4: May the common parts be different in the notification than they were in the subscription request? If the answer is no, do you think it is safe to omit them from the notification?

2. Actions

To SA6:

ACTION: CT3 kindly asks SA6 to answer above questions and amend the specifications accordingly if needed.

**Discussion:**

Ericsson presented the document.

A proposed reply can be found as S6-240335.

**Decision:** The document was **replied to in S6-240335**.

**S6-240026 Reply LS on Coordination of work for UAS\_Ph3**

*Type: LS in For: Action  
 Original outgoing LS: S2-2401812, to SA6, cc SA6  
 Source: SA2*

**Abstract:**

1 . Overall description

SA2 would like to thank SA6 regarding the LS on Coordination of work for UAS\_Ph3 and provide the feedback as below.

The SID for Study on Phase 3 for UAS, UAV and UAM (FS\_UAS\_Ph3), SP-231801 approved at SA#102 includes the following work task related to UAV flight path monitoring. So, SA2's understanding is that the SA6 objective related to real time UAV flight path monitoring may have some overlap with the SA2 objective related to WT#1.

WT#1: Based on SA1 requirements and input from aviation fora, study whether and how to enhance NEF services to support service exposure and interactions between MNOs and UTM functions for i.e. pre-mission flight planning, in-mission flight monitoring, C2 communication reliability, interfacing with UTM (e.g. supporting the scenario of multiple USS serving the geographical areas corresponding to UAV flight path).

The CR attached in the SA6 LS (S6-233453) reads the interaction between the UAS application specific server and the UAE server, and between the UAE server and the UAE client to support real time UAV flight path monitoring where there is no direct involvement of RAN or any 5GC NFs such as NEF. Therefore, SA2's understanding is that no overlap with SA2 work is expected from a mechanism perspective.

SA2 believes that it is acceptable to develop and specify both application layer based mechanisms in SA6 and 5GS based mechanisms in SA2 as long as the two mechanisms are not conflicting.

SA2 has just started FS\_UAS\_Ph3 at this meeting and its completion target date is TSG#104 (June 2024). Therefore, SA2 cannot assess whether there is any dependency between SA2 and SA6 mechanisms. SA2's opinion is that SA6 needs to make sure that any 5GS impact is not assumed when progressing UASAPP\_Ph3 work until the SA2 study is complete.

2. Actions

To SA6:

SA2 respectfully asks SA6 to take the above feedback into account in SA6 work.

**Discussion:**

Nokia presented the document.

A lengthy discussion took place on the need for co-ordination when developing solutions where risk for overlap exist.

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

**S6-240016 LS reply on LS on MSISDN exposure to trusted AF**

*Type: LS in For: Information  
 Original outgoing LS: OPG159 Doc03, to SA2, SA3, cc SA6  
 Source: GSMA OPG*

**Abstract:**

1. Introduction

GSMA OPG would like to thank 3GPP SA2 for the LS on MSISDN exposure to trusted AF (OPG\_157\_Doc\_03\_S2-2311893). GSMA OPG have consulted GSMA OPAG and would like to provide the following feedback:

* **The API in GSMA PRD OPG.03 section 3 tries to solve a similar problem.**
  + i.e., how to obtain the subscriber’s identity based on their public IP address.
  + The problem seems real: many of the APIs defined in CAMARA rely on the IP address to refer to the subscriber.
* **For the realisation of that API, different solutions are provided in section 3.2.**
  + because there seems to be no one size fits all approach that would work on all networks.
    - i.e., regardless of the way in which NAT is realised, etc.
* **The solution proposed by SA2 solution is useful.**
  + as may be brought by a 3GPP API removing the restriction on sharing the MSISDN to trusted AFs.
* **When defined, it would take a while for such a solution to be generally available.**
  + It requires universal adoption of the NEF, the API without the restriction and the underlying core network functions to realise it.
  + It can thus not replace, the existing solutions defined in GSMA PRD OPG.03 section 3.2 in the short term.
  + When defined by 3GPP, initially OPAG could refer to 3GPP’s API as an additional solution in GSMA PRD OPG.03 section 3.2.
    - i.e., as a solution that operators could adopt when their network (i.e., NEF, core network functions, etc.) supports it.
  + Once universally available, such an API could replace the API defined in GSMA PRD OPG.03 section 3.

GSMA OPG kindly ask 3GPP SA2 and SA3 to take the above information into consideration.

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

**S6-240025 LS on limited MSISDN exposure**

*Type: LS in For: Information  
 Original outgoing LS: S2-2401649, to SA3, cc SA6  
 Source: SA2*

**Abstract:**

**1. Overall Description:**

SA2 has previously sent an LS to SA3 (S2-2311893) asking for the condition under which the MSISDN could be exposed to a trusted AF. While waiting for a response from SA3, SA2 started to work on CRs that allows MSISDN exposure in very limited cases as described in in the attached draft 23.502CR4509/S2-2401649. The details of the solution are under discussion in SA2.

The condition for exposure of the MSISDN (GPSI in the form of MSISDN) is described in clause 4.15.10A in the draft 23.502CR4509. If SA3 has any concern with the condition for MSISDN exposure, SA3 is requested to provide feedback to SA2 before the end of SA2#161.

**2. Actions:**

**To SA3:**

**ACTION:** SA2 kindly requests SA3 to take the information above into account and take appropriate action.

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

**S6-240007 LS on Clarification related to the information exposed by the 5GC to NSCE server**

*Type: LS in For: Information  
 Original outgoing LS: C3-235717, to SA2, cc SA6, CT1, CT4  
 Source: CT3*

**Abstract:**

1 Overall description

**As per TS 23.288, clause 6.3.1:**

The NWDAF services as defined in the clause 7.2 and clause 7.3 are used to expose slice load level analytics from the NWDAF to the consumer NF (e.g. PCF, NSSF or AMF).

**Clause 6.4.2:**

NWDAF subscribes to the performance data from AF in the Table 6.4.2-1a either directly for trusted AFs by invoking Naf\_EventExposure\_Subscribe service (Event ID = Performance Data, Event Filter information = Area of Interest, Application ID) as defined in TS 23.502 [3], or indirectly for untrusted AFs via NEF by invoking Nnef\_EventExposure\_Subscribe service (Event ID = Performance Data, Event Filter information = Area of Interest, Application ID) where NEF translates the Area of Interest into geographic zone identifier(s).

**As per TS 23.435, clause 9.5.2.2:**

- To obtain the Network Slice load predictions from NWDAF, the NSCE server subscribes to the NWDAF prediction by invoking Nnef\_AnalyticsExposure\_Subscribe or Nnef\_AnalyticsExposure\_Fetch as defined in TS 23.288[4] clauses 6.1.1.2, and 6.1.1.2.

**clause 9.5.3.2:**

Table 9.5.3.2-4: Policy of Network slice load prediction

|  |  |  |
| --- | --- | --- |
| **Information element** | **Status** | **Description** |
| Policy | O | Network slice load prediction |
| >Area of interest | M | The geographical or service area for which the policy profile applies. |

**Question 1**: Which of the network internal information provided in the Network Slice load information/analytics prediction can be exposed to an external AF or the NSCE Server? (For example, Area of Interest in terms of internal identities (e.g. TAI, Cell ID) sent to the NSCE server)

2 Actions

**To SA2**

**ACTION:** CT3 kindly asks SA2 and SA6 to answer the above questions and update the SA2 and SA6 specifications respectively, if necessary.

**Discussion:**

Nokia presented the document.

A proposed reply can be found as S6-240149.

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

**S6-240008 LS on Ranging/SL Positioning service exposure security and privacy check**

*Type: LS in For: Information  
 Original outgoing LS: S2-2313776, to SA3, cc SA1, SA6  
 Source: SA2*

**Abstract:**

1. Overall Description:

SA2 has discussed the procedures for authorization of UE for Ranging/SL positioning service exposure as specified in TS 33.533 v18.0.0. SA2 has observed that in this version of the specification one of the service exposure options specified by SA2 in TS 23.586 v18.1.0 is not covered i.e., Ranging/SL Positioning service exposure through 5GC U-plane as specified in TS 23.586 clause 6.7.1.2.2.

SA2 kindly request SA3 to specify, if possible, Ranging/SL Positioning service exposure via the user plane procedure as specified in TS 23.586 clause 6.7.1.2.2.

2. Actions:

To SA3

ACTION:

SA2 kindly request SA3 to specify, if possible, Ranging/SL Positioning service exposure via the user plane procedure as specified in TS 23.586 clause 6.7.1.2.2.

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

**S6-240015 LS to SA2 on QoS to Carrier Mapping for SL CA**

*Type: LS in For: Information  
 Original outgoing LS: R2-2313623, to SA2, cc SA6  
 Source: RAN2*

**Abstract:**

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

**S6-240024 Reply LS on QoS to Carrier Mapping for SL CA**

*Type: LS in For: Information  
 Original outgoing LS: S2-2401579, to RAN2, cc CT1, SA6  
 Source: SA2*

**Abstract:**

1. Overall Description:

SA2 would like to thank RAN2 for the LS to SA2 on QoS to Carrier Mapping for SL CA (R2-2313623/S2-2400053).

Regarding the following assumption stated in the LS:

*As a consequence of this agreement, it is RAN2’s understanding that upper layers and network ensure appropriate intersection of carriers for the QoS flows mapped to the same SLRB.*

SA2 would like to clarify as follows:

* From the upper layer perspective, only PC5 QoS flows configurations are visible at the V2X layer and above. It is specified in TS 23.287 clause 5.4.1.1.3:
  + "In addition, the V2X layer also provides the communication mode (e.g. broadcast, groupcast, unicast) and radio frequencies for the PC5 QoS Flow to the AS layer for the PC5 operation. The radio frequencies are determined based on the V2X service type associated with the PC5 QoS Flow based on the configuration as described in clause 5.1.2.1." and
  + "The V2X layer ensures that V2X service types associated with different radio frequencies are classified into distinct PC5 QoS Flows."
* The mappings between the PC5 QoS flows and the SLRBs are part of the AS layer configuration, which is invisible to the V2X layer and above. As defined in TS 38.331 clause 6.3.5, the mapping is indicated by the *sl-SDAP-Config* nested inside the *SL-RadioBearerConfig* IE. Therefore, as illustrated in TS 23.287 Figure 5.4.1.1.3-1, the mapping of PC5 QoS flows to SLRBs is purely controlled and performed at the AS layer.

As described above, the V2X layer has no knowledge about PC5 QoS flows mapping to SLRB. The V2X layer can only ensure that the V2X service types associated with different radio frequencies are not classified into the same PC5 QoS flow based on the configuration of the V2X service types to radio frequencies.

SA2 would like to ask RAN2 to take the above into account in RAN2 work and handle the intersection of carriers at the AS layer.

2. Actions:

To RAN2:

ACTION**:** SA2 would like to ask RAN2 to take the above into account in RAN2 work.

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

**S6-240023 Reply to LS on 3GPP work on energy efficiency**

*Type: LS in For: Information  
 Original outgoing LS: S4-240517, to SA5, cc SA, SA1, SA2, SA3, SA6  
 Source: SA4*

**Abstract:**

1. Overall Description:

3GPP SA4 thanks SA5 for your Reply LS on 3GPP work on energy efficiency. SA4 provides the following in response to the SA5 responses:

Proposed changes to 3GPP templates for Work Item Descriptions and Specifications

Original SA4 proposal: “A proposal to modify the 3GPP Work Item Description and Specification templates to include a clause on “Impact on Climate” or “How can impact on energy efficiency and/or energy saving and/or digital sobriety be considered in the work” that would identify and collect relevant information. The end goal is to have the new clause be a consideration similar to the way “Security” is considered in any 3GPP effort or feature. To enable this, SA4 is considering to study developing guidelines on how this new clause would be populated. The hope is that such a clause may increase the awareness and considerations for any climate impact where this applies, while we hope it would not become a platform for green washing.”

SA5 reply: SA5 supports the proposal to modify the 3GPP Work Item Description and Specification templates to include a clause on “Impact on Climate” or “How the impact on energy efficiency and/or energy saving and/or digital sobriety is considered in the work” that would identify and collect relevant information. SA5 joins SA4 wishes that this would not become a platform for green washing.

SA4 appreciates the support. Some member companies in SA4 are planning to propose to add the following clause to the 3GPP Work Item Description template via company contributions into SA#103:

9 Impact on Climate

{This information is provided as best effort assumption, at the time of submission of the WID to TSG approval. It can be later changed without a need to revise the WID.

This should be used by the working group to identify potentially quantifiable energy efficiency gains in the network and/or devices. It could also be used to identify other KPIs affecting climate, including quantifiably measurable benefits to other industries and verticals in addressing the climate emergency.

Furthermore, SA4 has agreed a Study Item Description on Media Energy Consumption Exposure and Evaluation Framework in 5G Services for Rel-19.

2. Actions:

To SA5: please take the above into consideration.

**Discussion:**

Samsung presented the document.

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

**S6-240398 Withdrawn - Reply to LS on 3GPP work on energy efficiency**

*Type: LS in For: Information  
 Original outgoing LS: S4-240517, to SA5, cc SA, SA1, SA2, SA3, SA6  
 Source: SA4*

**Discussion:**

Duplicate of S6-240023.

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

**S6-240399 Withdrawn - LS on alignment of 3GPP EDGEAPP, ETSI MEC and GSMA OP architectures**

*Type: LS in For: Action  
 Original outgoing LS: S5-240794, to SA6, cc -  
 Source: SA5*

**Discussion:**

Duplicate of S6-240036.

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

**S6-240551 Reply LS on evaluating security aspects for MC services over MC gateway UE**

*Type: LS in For: Action  
 Original outgoing LS: S3-240828, to SA6, cc CT1  
 Source: SA3*

**Abstract:**

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

### 4.2 Outgoing LSs

**S6-240121 Reply LS on clarifications on V2X, UAS and SEAL entities acting as EAS**

*Type: LS out For: Agreement  
 to CT3, cc CT1  
 Source: Huawei, Hisilicon*

**Discussion:**

Huawei presented a proposed reply to LS S6-240010.

The only question requiring discussion seemed to be the question 3.

**Decision:** The document was **revised to S6-240401**.

**S6-240401 Reply LS on clarifications on V2X, UAS and SEAL entities acting as EAS**

*Type: LS out For: Agreement  
 to CT3, cc CT1  
 Source: Huawei, Hisilicon*

(Replaces S6-240121)

**Discussion:**

The only change is adding the agreed CR (with correct CR#).

**Decision:** The document was **revised to S6-240581**.

**S6-240581 Reply LS on clarifications on V2X, UAS and SEAL entities acting as EAS**

*Type: LS out For: Agreement  
 to CT3, cc CT1  
 Source: Huawei, Hisilicon*

(Replaces S6-240401)

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

**S6-240320 Reply LS on clarifications on V2X, UAS and SEAL entities acting as EAS**

*Type: LS out For: (not specified)  
 to CT3, cc CT1  
 Source: SA6*

**Discussion:**

Ericsson presented a proposed reply to LS S6-240010.

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

**S6-240190 Reply LS on the implementation of the SS\_VALServiceData API**

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

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

**S6-240120 LS on Clarification related to MC gateway UE requirements**

*Type: LS out For: Approval  
 to SA1  
 Source: Huawei, Hisilicon*

**Abstract:**

1. Overall description

SA6 is working on the MC gateway UE features based on the requirements from clause 5.15 in TS 22.280. SA6 have some questions about the [R-5.15-006]:

[R-5.15-006] An MCX User shall be able to access multiple gateway MCX UEs simultaneously from a single device while restricting a MCX Service to one gateway (e.g., MCPTT on gateway UE 1, MCData and MCVideo on gateway UE 2).

Q1: What is the intention to have such restriction (restricting a MCX Service to one gateway)?

Q2: The multiple devices case is not covered. When an MCX user uses multiple devices simultaneously e.g., two devices, whether allows:

a. Two devices connect to the same gateway UE for the same MC service?

B. Two devices connect to different gateway UEs for the same MC service?

2 . Actions

To SA1

ACTION: SA6 kindly asks SA1 to answer the above questions and update the SA1 specifications respectively, if necessary.

**Discussion:**

Huawei presented the document.

Nokia was hesitant to send an LS as proposed as discussions were still ongoing.

Ericsson remarked they did not object sending an LS but suggested rephrasing the proposed reply.

There seemed to be agreement over sending an LS clarifying future usage.

**Decision:** The document was **revised to S6-240409**.

**S6-240409 LS on Clarification related to MC gateway UE requirements**

*Type: LS out For: Approval  
 to SA1  
 Source: Huawei, Hisilicon*

(Replaces S6-240120)

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

**S6-240334 Reply LS on A-DCCF, A-ADRF and ADAES services**

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

**Discussion:**

Ericsson presented the document.

Samsung suggested changes to the replay to question 4.

Lenovo suggested to rephrase proposed responses to questions 5 and 6.

**Decision:** The document was **revised to S6-240407**.

**S6-240407 Reply LS on A-DCCF, A-ADRF and ADAES services**

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

(Replaces S6-240334)

**Decision:** The document was **revised to S6-240552**.

**S6-240552 Reply LS on A-DCCF, A-ADRF and ADAES services**

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

(Replaces S6-240407)

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

**S6-240335 Reply LS on Issues related to ADAE server APIs**

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

**Discussion:**

Ericsson presented the document.

Huawei suggested some adjustment to responses 2, 3 and 4.

**Decision:** The document was **revised to S6-240408**.

**S6-240408 Reply LS on Issues related to ADAE server APIs**

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

(Replaces S6-240335)

**Decision:** The document was **revised to S6-240553**.

**S6-240553 Reply LS on Issues related to ADAE server APIs**

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

(Replaces S6-240408)

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

**S6-240149 Reply LS on Clarification related to the information exposed by the 5GC to NSCE server**

*Type: LS out For: Approval  
 to CT3, cc SA2  
 Source: China Mobile E-Commerce Co.*

**Discussion:**

China Mobile presented the document.

Lenovo did not agree with the proposed replacement term, and did not think a change was needed.

Nokia suggested awaiting for a possible response from SA2.

Discussion to continue.

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

**S6-240327 LS on traffic influence based on UPF information**

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

**Discussion:**

Huawei presented the document.

Ericsson did not see the need to send the proposed LS to SA2.

Samsung did not quite understand the issue.

**Decision:** The document was **revised to S6-240410**.

**S6-240410 LS on traffic influence based on UPF information**

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

(Replaces S6-240327)

**Decision:** The document was **revised to S6-240567**.

**S6-240567 LS on traffic influence based on UPF information**

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

(Replaces S6-240410)

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

**S6-240212 LS on Clarification related to MC gateway UE requirements**

*Type: LS out For: Agreement  
 to SA1  
 Source: Huawei, Hisilicon*

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

**S6-240213 Reply LS on clarifications on V2X, UAS and SEAL entities acting as EAS**

*Type: LS out For: Agreement  
 to CT3, cc CT1  
 Source: Huawei, Hisilicon*

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

**S6-240404 Reply LS to S6-240013 LS on service authorization for/to partner MC system**

*Type: LS out For: Approval  
 to CT1, SA3, cc SA1  
 Source: Nokia*

**Discussion:**

Nokia presented the document.

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

Attachments to this outgoing LS: S6-240412, S6-240413, S6-240414, S6-240415, S6-240416

**S6-240406 Reply LS on MBS service area update clarification**

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

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

**S6-240425 Reply LS on MBS service area update clarification**

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

**Discussion:**

Initially reserved as revision of S6-240406.

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

**S6-240405 [draft] LS on the support of ECN marking L4S in MCVideo services**

*Type: LS out For: Approval  
 to SA4, cc CT1  
 Source: Ericsson*

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

## 5 Items for early consideration

### 5.1 Working Agreements / Technical Votes / Elections

A election for the SA6 chair was due to take place during the SA#59 meeting. The following candidacies for the election had been received:

* Niranth Amogh (Nokia corporation)
* Atle Monrad (InterDigital Communications)
* Jukka Vialen (Airbus)

Ballots had initially been scheduled for Tuesday, Wednesday and Thursday 10:30 – 12:30 (local time). However the first ballot starting on Tuesday had to be cancelled due to malfunction of the voting application. First ballot was hence re-scheduled for Wednesday 26th February (10:30-12:30). The voting on Wednesday was carried out without any technical issues.

In the first (valid) ballot none of the candidates received 71% (or more) of the given votes. A second ballot was therefore required. The second ballot was scheduled for Thursday. The candidate from Airbus indicated he would withdraw from the second ballot. The second ballot was therefore run between the following two candidates; Niranth Amogh (Nokia) and Atle Monrad (InterDigital). **Atle Monrad received 52,33 % of the votes in the 2nd ballot and was elected the SA6 chair.**

Further details of the vote can be found here:

<https://portal.3gpp.org/VotingTool/Vote/DetailList/1134>

### 5.2 Others

n/a

### 5.3 Documents for Early Consideration/Approval

n/a

## 6 Pre-Rel-18 Work Items

**S6-240062 Editorial correction for topology hiding**

*Type: CR For: Agreement  
 23.222 v17.8.0 CR-0155 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

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

**S6-240063 Editorial correction for topology hiding**

*Type: CR For: Agreement  
 23.222 v18.3.0 CR-0156 Cat: A (Rel-18)  
  
 Source: ZTE Corporation*

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

**S6-240064 Editorial correction for topology hiding**

*Type: CR For: Agreement  
 23.222 v19.0.0 CR-0157 Cat: A (Rel-19)  
  
 Source: ZTE Corporation*

**Decision:** The document was **revised to S6-240489**.

**S6-240489 Editorial correction for topology hiding**

*Type: CR For: Agreement  
 23.222 v19.0.0 CR-0157 rev 1 Cat: D (Rel-19)  
  
 Source: ZTE Corporation*

(Replaces S6-240064)

**Discussion:**

ZTE presented the document.

The only changes are correcting the cover page.

**Decision:** The document was **revised to S6-240564**.

**S6-240564 Editorial correction for topology hiding**

*Type: CR For: Agreement  
 23.222 v19.0.0 CR-0157 rev 2 Cat: D (Rel-19)  
  
 Source: ZTE Corporation*

(Replaces S6-240489)

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

**S6-240191 UE identifiers correction in the SS\_LocationAreaInfoRetrieval API**

*Type: CR For: Agreement  
 23.434 v17.9.0 CR-0283 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

Only change is correcting voer page, remocing ref. to LS.

**Decision:** The document was **revised to S6-240447**.

**S6-240447 UE identifiers correction in the SS\_LocationAreaInfoRetrieval API**

*Type: CR For: Agreement  
 23.434 v17.9.0 CR-0283 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces S6-240191)

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

**S6-240192 UE identifiers correction in the SS\_LocationAreaInfoRetrieval API**

*Type: CR For: Agreement  
 23.434 v18.7.0 CR-0284 Cat: A (Rel-18)  
  
 Source: Ericsson*

**Discussion:**

Only change is correcting voer page, remocing ref. to LS.

**Decision:** The document was **revised to S6-240448**.

**S6-240448 UE identifiers correction in the SS\_LocationAreaInfoRetrieval API**

*Type: CR For: Agreement  
 23.434 v18.7.0 CR-0284 rev 1 Cat: A (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-240192)

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

**S6-240193 UE identifiers correction in the SS\_LocationAreaInfoRetrieval API**

*Type: CR For: Agreement  
 23.434 v19.0.0 CR-0285 Cat: A (Rel-19)  
  
 Source: Ericsson*

**Discussion:**

Only change is correcting the cover page, removing the ref. to the LS.

**Decision:** The document was **revised to S6-240449**.

**S6-240449 UE identifiers correction in the SS\_LocationAreaInfoRetrieval API**

*Type: CR For: Agreement  
 23.434 v19.0.0 CR-0285 rev 1 Cat: A (Rel-19)  
  
 Source: Ericsson*

(Replaces S6-240193)

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

**S6-240302 Correct IE presence condition**

*Type: CR For: Agreement  
 23.434 v18.7.0 CR-0290 Cat: A (Rel-18)  
  
 Source: Ericsson*

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

**S6-240301 Correct IE presence condition**

*Type: CR For: Agreement  
 23.434 v17.9.0 CR-0289 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**S6-240303 Correct IE presence condition**

*Type: CR For: Agreement  
 23.434 v19.0.0 CR-0291 Cat: A (Rel-19)  
  
 Source: Ericsson*

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

**S6-240250 Removal of procedure 10.1.6.2 on signalling plane registration between MC systems**

*Type: CR For: Agreement  
 23.280 v15.7.0 CR-0539 Cat: F (Rel-15)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Voiding clause 10.1.6.2.

**Decision:** The document was **revised to S6-240412**.

**S6-240412 Removal of procedure 10.1.6.2 on signalling plane registration between MC systems**

*Type: CR For: Agreement  
 23.280 v15.7.0 CR-0539 rev 1 Cat: F (Rel-15)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-240250)

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

**S6-240251 Removal of procedure 10.1.6.2 on signalling plane registration between MC systems**

*Type: CR For: Agreement  
 23.280 v16.6.0 CR-0540 Cat: A (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Voiding clause 10.1.6.2.

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

**S6-240413 Removal of procedure 10.1.6.2 on signalling plane registration between MC systems**

*Type: CR For: Agreement  
 23.280 v16.6.0 CR-0540 rev 1 Cat: A (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-240251)

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

**S6-240252 Removal of procedure 10.1.6.2 on signalling plane registration between MC systems**

*Type: CR For: Agreement  
 23.280 v17.9.0 CR-0541 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Voiding clause 10.1.6.2.

**Decision:** The document was **revised to S6-240414**.

**S6-240414 Removal of procedure 10.1.6.2 on signalling plane registration between MC systems**

*Type: CR For: Agreement  
 23.280 v17.9.0 CR-0541 rev 1 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-240252)

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

**S6-240253 Removal of procedure 10.1.6.2 on signalling plane registration between MC systems**

*Type: CR For: Agreement  
 23.280 v18.8.0 CR-0542 Cat: A (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Voiding clause 10.1.6.2.

**Decision:** The document was **revised to S6-240415**.

**S6-240415 Removal of procedure 10.1.6.2 on signalling plane registration between MC systems**

*Type: CR For: Agreement  
 23.280 v18.8.0 CR-0542 rev 1 Cat: A (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-240253)

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

**S6-240254 Removal of procedure 10.1.6.2 on signalling plane registration between MC systems**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0543 Cat: A (Rel-19)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Voiding clause 10.1.6.2.

**Decision:** The document was **revised to S6-240416**.

**S6-240416 Removal of procedure 10.1.6.2 on signalling plane registration between MC systems**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0543 rev 1 Cat: A (Rel-19)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-240254)

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

## 7 Rel-18 Work Items

### 7.1 Mission Critical (MCOver5MBS, MCOver5GProSe, MCGWUE, enh4MCPTT, IRail, MC\_AHGC)

**S6-240041 MCPTT Logging Reference Architecture.**

*Type: CR For: Agreement  
 23.379 v19.1.0 CR-0405 Cat: B (Rel-19)  
  
 Source: Motorola Solutions UK Ltd.*

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

**S6-240042 Reference points for MCPTT Service Logging.**

*Type: CR For: Agreement  
 23.379 v19.1.0 CR-0406 Cat: B (Rel-19)  
  
 Source: Motorola Solutions UK Ltd.*

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

**S6-240073 Correcting flow name for ad hoc group call in MCVideo**

*Type: CR For: Agreement  
 23.281 v18.6.0 CR-0210 Cat: F (Rel-18)  
  
 Source: Hytera Communications Corp.*

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

**S6-240074 Correcting flow name for ad hoc group call in MCVideo**

*Type: CR For: Agreement  
 23.281 v19.1.0 CR-0211 Cat: A (Rel-19)  
  
 Source: Hytera Communications Corp.*

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

**S6-240083 Alignments of 23.289 Rel-18 with other specs**

*Type: CR For: Agreement  
 23.289 v18.7.0 CR-0113 Cat: F (Rel-18)  
  
 Source: AT&T Labs, Inc*

**Discussion:**

The only change is marking ‘no’ to the “Other specs affected” on the cover page.

**Decision:** The document was **revised to S6-240417**.

**S6-240417 Alignments of 23.289 Rel-18 with other specs**

*Type: CR For: Agreement  
 23.289 v18.7.0 CR-0113 rev 1 Cat: F (Rel-18)  
  
 Source: AT&T Labs, Inc*

(Replaces S6-240083)

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

**S6-240418 Alignments of 23.289 Rel-19 with other specs**

*Type: CR For: Agreement  
 23.289 v19.0.0 CR-0117 Cat: A (Rel-19)  
  
 Source: AT&T Labs, Inc*

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

**S6-240122 Void the clause 10.6.2.9.3.3**

*Type: CR For: Agreement  
 23.379 v18.8.0 CR-0407 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

The only changes are to correct:

- the title ("cluase" -> "clause") and

- “clauses affected” (add “.3”)

**Decision:** The document was **revised to S6-240419**.

**S6-240419 Void the clause 10.6.2.9.3.3**

*Type: CR For: Agreement  
 23.379 v18.8.0 CR-0407 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240122)

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

**S6-240123 Void the clause 10.6.2.9.3.3**

*Type: CR For: Agreement  
 23.379 v19.1.0 CR-0408 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

The only changes are to correct:

- the title ("cluase" -> "clause") and

- “clauses affected” (add “.3”)

**Decision:** The document was **revised to S6-240420**.

**S6-240420 Void the clause 10.6.2.9.3.3**

*Type: CR For: Agreement  
 23.379 v19.1.0 CR-0408 rev 1 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240123)

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

**S6-240124 MC gateway UE discussion and way forward**

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

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

**S6-240125 Clarification on MC GW UE features**

*Type: CR For: Agreement  
 23.280 v18.8.0 CR-0510 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

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

**S6-240126 Clarification on MC GW UE features**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0511 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240127 Functional model update and clarification**

*Type: CR For: Agreement  
 23.280 v18.8.0 CR-0512 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

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

**S6-240128 Functional model update and clarification**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0513 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240129 Clarification on MC gateway UE definition**

*Type: CR For: Agreement  
 23.280 v18.8.0 CR-0514 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

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

**S6-240130 Clarification on MC gateway UE definition**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0515 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240131 Corrections to the IP model figures**

*Type: CR For: Agreement  
 23.280 v18.8.0 CR-0516 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **revised to S6-240421**.

**S6-240421 Corrections to the IP model figures**

*Type: CR For: Agreement  
 23.280 v18.8.0 CR-0516 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240131)

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

**S6-240132 Corrections to the IP model figures**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0517 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **revised to S6-240422**.

**S6-240422 Corrections to the IP model figures**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0517 rev 1 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240132)

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

**S6-240159 MBS service area handling**

*Type: CR For: Agreement  
 23.289 v18.7.0 CR-0114 Cat: C (Rel-18)  
  
 Source: Ericsson*

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

**S6-240423 MBS service area handling**

*Type: draftCR For: Agreement  
 23.289 v18.7.0 CR-0114 rev 1 Cat: C (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-240159)

**Discussion:**

Initially reserved as revision of S6-240159.

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

**S6-240160 MBS service area handling (mirror)**

*Type: CR For: Agreement  
 23.289 v19.0.0 CR-0115 Cat: A (Rel-19)  
  
 Source: Ericsson*

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

**S6-240424 MBS service area handling (mirror)**

*Type: draftCR For: Agreement  
 23.289 v19.0.0 CR-0115 rev 1 Cat: A (Rel-19)  
  
 Source: Ericsson*

**Discussion:**

Initially reserved as revision of S6-240160.

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

**S6-240214 Void the clause 10.6.2.9.3.3**

*Type: CR For: Agreement  
 23.379 v18.8.0 CR-0411 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

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

**S6-240215 Void the clause 10.6.2.9.3.3**

*Type: CR For: Agreement  
 23.379 v19.1.0 CR-0412 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240216 MC gateway UE discussion and way forward**

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

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

**S6-240217 Clarification on MC GW UE features**

*Type: CR For: Agreement  
 23.280 v18.8.0 CR-0523 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

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

**S6-240218 Clarification on MC GW UE features**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0524 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240219 Functional model update and clarification**

*Type: CR For: Agreement  
 23.280 v18.8.0 CR-0525 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

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

**S6-240220 Functional model update and clarification**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0526 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240221 Clarification on MC gateway UE definition**

*Type: CR For: Agreement  
 23.280 v18.8.0 CR-0527 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

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

**S6-240371 Determine MC gateway UE access network information**

*Type: CR For: Agreement  
 23.280 v18.8.0 CR-0547 Cat: F (Rel-18)  
  
 Source: Samsung*

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

**S6-240222 Clarification on MC gateway UE definition**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0528 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240223 Corrections to the IP model figures**

*Type: CR For: Agreement  
 23.280 v18.8.0 CR-0529 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

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

**S6-240224 Corrections to the IP model figures**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0530 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240244 Reporting success or failure of an ad hoc group emergency alert initiation request (multiple MC systems)**

*Type: CR For: Agreement  
 23.280 v18.8.0 CR-0533 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Adding new step in clause 10.10.3.4.1 to report authorisation result of the ad hoc group emergency alert modify request.

**Decision:** The document was **revised to S6-240442**.

**S6-240442 Reporting success or failure of an ad hoc group emergency alert initiation request (multiple MC systems)**

*Type: CR For: Agreement  
 23.280 v18.8.0 CR-0533 rev 1 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-240244)

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

**S6-240245 Reporting success or failure of an ad hoc group emergency alert initiation request (multiple MC systems)**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0534 Cat: A (Rel-19)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Adding new step in clause 10.10.3.4.1 to report authorisation result of the ad hoc group emergency alert modify request.

**Decision:** The document was **revised to S6-240443**.

**S6-240443 Reporting success or failure of an ad hoc group emergency alert initiation request (multiple MC systems)**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0534 rev 1 Cat: A (Rel-19)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-240245)

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

**S6-240246 Reporting success or failure of an ad hoc group emergency alert cancel request (multiple MC systems)**

*Type: CR For: Agreement  
 23.280 v18.8.0 CR-0535 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Adding new step in clause 10.10.3.4.3 to report authorisation result of the ad hoc group emergency alert modify request.

**Decision:** The document was **revised to S6-240444**.

**S6-240444 Reporting success or failure of an ad hoc group emergency alert cancel request (multiple MC systems)**

*Type: CR For: Agreement  
 23.280 v18.8.0 CR-0535 rev 1 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-240246)

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

**S6-240247 Reporting success or failure of an ad hoc group emergency alert cancel request (multiple MC systems)**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0536 Cat: A (Rel-19)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Adding new step in clause 10.10.3.4.3 to report authorisation result of the ad hoc group emergency alert modify request.

**Decision:** The document was **revised to S6-240445**.

**S6-240445 Reporting success or failure of an ad hoc group emergency alert cancel request (multiple MC systems)**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0536 rev 1 Cat: A (Rel-19)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-240247)

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

**S6-240258 Connection authorization and connection disconnection procedure updates**

*Type: CR For: Agreement  
 23.280 v18.8.0 CR-0544 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Connection authorisation and the disconnection mechanism for non-3GPP devices that host an MC client are modified.

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

**S6-240259 Connection authorization and connection disconnection procedure updates**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0545 Cat: A (Rel-19)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Connection authorisation and the disconnection mechanism for non-3GPP devices that host an MC client are modified.

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

**S6-240372 Determine MC gateway UE access network information**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0548 Cat: A (Rel-19)  
  
 Source: Samsung*

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

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

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

**S6-240383 Enhancements to NRM reliable transmission API**

*Type: CR For: (not specified)  
 23.434 v19.0.0 CR-0293 Cat: B (Rel-19)  
  
 Source: Ericsson Inc.*

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

### 7.4 SEALDD - SEAL data delivery enabler for vertical applications

**S6-240272 Alignment on VAL UE identity and VAL user identity**

*Type: CR For: Agreement  
 23.433 v18.2.0 CR-0033 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

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

**S6-240273 Alignment on VAL UE identity and VAL user identity**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0034 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240274 Complete API for regular data transmission procedure**

*Type: CR For: Agreement  
 23.433 v18.2.0 CR-0035 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **revised to S6-240479**.

**S6-240479 Complete API for regular data transmission procedure**

*Type: CR For: Agreement  
 23.433 v18.2.0 CR-0035 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240274)

**Discussion:**

The only change is removing the IE below the subscription ID in table 9.2.3.x.

**Decision:** The document was **revised to S6-240781**.

**S6-240781 Complete API for regular data transmission procedure**

*Type: CR For: Agreement  
 23.433 v18.2.0 CR-0035 rev 2 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240479)

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

**S6-240275 Complete API for regular data transmission procedure**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0036 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **revised to S6-240480**.

**S6-240480 Complete API for regular data transmission procedure**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0036 rev 1 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240275)

**Discussion:**

The only change is removing the IE below the subscription ID in table 9.2.3.x.

**Decision:** The document was **revised to S6-240782**.

**S6-240782 Complete API for regular data transmission procedure**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0036 rev 2 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240480)

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

**S6-240276 Complete API for stored data transfer procedure**

*Type: CR For: Agreement  
 23.433 v18.2.0 CR-0037 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

The only changes are to fix the editorial “ddress” to “address” and to remove the IE row “Transport layer protocols” in the Table 9.5.3.x-1.

**Decision:** The document was **revised to S6-240481**.

**S6-240481 Complete API for stored data transfer procedure**

*Type: CR For: Agreement  
 23.433 v18.2.0 CR-0037 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240276)

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

**S6-240277 Complete API for stored data transfer procedure**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0038 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

The only changes are to fix the editorial “ddress” to “address” and to remove the IE row “Transport layer protocols” in the Table 9.5.3.x-1.

**Decision:** The document was **revised to S6-240482**.

**S6-240482 Complete API for stored data transfer procedure**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0038 rev 1 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240277)

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

**S6-240278 Complete API for SEALDD URLLC transmission connection release**

*Type: CR For: Agreement  
 23.433 v18.2.0 CR-0039 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

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

**S6-240279 Complete API for SEALDD URLLC transmission connection release**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0040 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240307 Add release operation for URLLC connection**

*Type: CR For: Agreement  
 23.433 v18.2.0 CR-0041 Cat: F (Rel-18)  
  
 Source: Ericsson*

**Discussion:**

The only update is on the coversheet to add Huawei as co-source.

**Decision:** The document was **revised to S6-240483**.

**S6-240483 Add release operation for URLLC connection**

*Type: CR For: Agreement  
 23.433 v18.2.0 CR-0041 rev 1 Cat: F (Rel-18)  
  
 Source: Ericsson, Huawei*

(Replaces S6-240307)

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

**S6-240308 Add release operation for URLLC connection**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0042 Cat: A (Rel-19)  
  
 Source: Ericsson*

**Discussion:**

The only update is on the coversheet to add Huawei as co-source.

**Decision:** The document was **revised to S6-240484**.

**S6-240484 Add release operation for URLLC connection**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0042 rev 1 Cat: A (Rel-19)  
  
 Source: Ericsson, Huawei*

(Replaces S6-240308)

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

**S6-240309 Correct NRM and SEALDD interaction**

*Type: CR For: Agreement  
 23.433 v18.2.0 CR-0043 Cat: F (Rel-18)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-240521**.

**S6-240521 Correct NRM and SEALDD interaction**

*Type: CR For: -  
 23.433 v18.2.0 CR-0043 rev 1 Cat: F (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-240309)

**Discussion:**

Ericsson presented the document.

Only changes are:

- removing changes on changes

- correcting cover page

**Decision:** The document was **revised to S6-240568**.

**S6-240568 Correct NRM and SEALDD interaction**

*Type: CR For: -  
 23.433 v18.2.0 CR-0043 rev 2 Cat: F (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-240521)

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

**S6-240310 Correct NRM and SEALDD interaction**

*Type: CR For: (not specified)  
 23.433 v19.0.0 CR-0044 Cat: A (Rel-19)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-240522**.

**S6-240522 Correct NRM and SEALDD interaction**

*Type: CR For: -  
 23.433 v19.0.0 CR-0044 rev 1 Cat: A (Rel-19)  
  
 Source: Ericsson*

(Replaces S6-240310)

**Discussion:**

Ericsson presented the document.

Only changes are:

- removing changes on changes

- correcting cover page

**Decision:** The document was **revised to S6-240569**.

**S6-240569 Correct NRM and SEALDD interaction**

*Type: CR For: -  
 23.433 v19.0.0 CR-0044 rev 2 Cat: A (Rel-19)  
  
 Source: Ericsson*

(Replaces S6-240522)

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

**S6-240311 Correct regular transmission procedure**

*Type: CR For: Agreement  
 23.433 v18.2.0 CR-0045 Cat: F (Rel-18)  
  
 Source: Ericsson*

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

**S6-240312 Correct regular transmission procedure**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0046 Cat: A (Rel-19)  
  
 Source: Ericsson*

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

**S6-240313 Correct Sdd\_TransmissionQualityMeasurement API**

*Type: CR For: Agreement  
 23.433 v18.2.0 CR-0047 Cat: F (Rel-18)  
  
 Source: Ericsson*

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

**S6-240314 Correct Sdd\_TransmissionQualityMeasurement API**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0048 Cat: A (Rel-19)  
  
 Source: Ericsson*

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

**S6-240315 Correct URLLC transmission procedure**

*Type: CR For: Agreement  
 23.433 v18.2.0 CR-0049 Cat: F (Rel-18)  
  
 Source: Ericsson*

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

**S6-240316 Correct URLLC transmission procedure**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0050 Cat: A (Rel-19)  
  
 Source: Ericsson*

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

### 7.5 5GMARCH\_Ph2 - New WID on support of the MSGin5G Service phase 2

**S6-240029 A Constrained UE cannot be triggered**

*Type: CR For: Agreement  
 23.554 v18.6.0 CR-0192 Cat: F (Rel-18)  
  
 Source: one2many B.V.*

**Decision:** The document was **revised to S6-240031**.

**S6-240031 A Constrained UE cannot be triggered**

*Type: CR For: Agreement  
 23.554 v18.6.0 CR-0192 rev 1 Cat: F (Rel-18)  
  
 Source: one2many*

(Replaces S6-240029)

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

**S6-240030 A Constrained UE cannot be triggered**

*Type: CR For: Agreement  
 23.554 v19.0.0 CR-0193 Cat: A (Rel-19)  
  
 Source: one2many*

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

**S6-240086 Delete the element of UE service ID in the Constrained device selecting MSGin5G Gateway UE procedure**

*Type: CR For: Approval  
 23.554 v18.6.0 CR-0196 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

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

**S6-240087 Updates APIs provided by MSGin5G Server**

*Type: CR For: Approval  
 23.554 v18.6.0 CR-0197 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

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

**S6-240176 Correction on Message response**

*Type: CR For: Agreement  
 23.554 v18.6.0 CR-0198 Cat: F (Rel-18)  
  
 Source: China Mobile*

**Decision:** The document was **revised to S6-240498**.

**S6-240498 Correction on Message response**

*Type: CR For: Agreement  
 23.554 v18.6.0 CR-0198 rev 1 Cat: F (Rel-18)  
  
 Source: China Mobile*

(Replaces S6-240176)

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

**S6-240177 Correction on Message response**

*Type: CR For: Agreement  
 23.554 v19.0.0 CR-0199 Cat: A (Rel-19)  
  
 Source: China Mobile*

**Decision:** The document was **revised to S6-240499**.

**S6-240499 Correction on Message response**

*Type: CR For: Agreement  
 23.554 v19.0.0 CR-0199 rev 1 Cat: A (Rel-19)  
  
 Source: China Mobile*

(Replaces S6-240177)

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

**S6-240178 Correction on supported MSGin5G segment size and he procedure of segmentation**

*Type: CR For: Agreement  
 23.554 v18.6.0 CR-0200 Cat: F (Rel-18)  
  
 Source: China Mobile Com. Corporation*

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

**S6-240179 Correction on supported MSGin5G segment size and he procedure of segmentation**

*Type: CR For: Agreement  
 23.554 v19.0.0 CR-0201 Cat: A (Rel-19)  
  
 Source: China Mobile*

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

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

**S6-240045 Discussion of terms "resource owner" and "resource owner client"**

*Type: discussion For: Decision  
 Source: Vodafone*

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

**S6-240046 Consistent use of term "resource owner"**

*Type: CR For: Agreement  
 23.222 v18.3.0 CR-0153 Cat: F (Rel-18)  
  
 Source: Vodafone*

**Decision:** The document was **revised to S6-240501**.

**S6-240501 Consistent use of term "resource owner"**

*Type: CR For: Agreement  
 23.222 v18.3.0 CR-0153 rev 1 Cat: F (Rel-18)  
  
 Source: Vodafone*

(Replaces S6-240046)

**Discussion:**

The only change is adding "function" to "resource owner" in clause 8.32.3.

**Decision:** The document was **revised to S6-240579**.

**S6-240579 Consistent use of term "resource owner"**

*Type: CR For: Agreement  
 23.222 v18.3.0 CR-0153 rev 2 Cat: F (Rel-18)  
  
 Source: Vodafone*

(Replaces S6-240501)

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

**S6-240047 Consistent use of term "resource owner"**

*Type: CR For: Agreement  
 23.222 v19.0.0 CR-0154 Cat: A (Rel-19)  
  
 Source: Vodafone*

**Decision:** The document was **revised to S6-240502**.

**S6-240502 Consistent use of term "resource owner"**

*Type: CR For: Agreement  
 23.222 v19.0.0 CR-0154 rev 1 Cat: A (Rel-19)  
  
 Source: Vodafone*

(Replaces S6-240047)

**Discussion:**

The only change is adding "function" to "resource owner" in clause 8.32.3.

**Decision:** The document was **revised to S6-240580**.

**S6-240580 Consistent use of term "resource owner"**

*Type: CR For: Agreement  
 23.222 v19.0.0 CR-0154 rev 2 Cat: A (Rel-19)  
  
 Source: Vodafone*

(Replaces S6-240502)

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

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

**S6-240114 IE Name and Reference Corrections**

*Type: CR For: Agreement  
 23.435 v18.1.0 CR-0007 Cat: F (Rel-18)  
  
 Source: China Mobile Com. Corporation*

**Abstract:**

There are some mistakes in TS 23.435 which need correction.

The present contribution proposes correcting IE Name and References.

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

**S6-240519 IE Name and Reference Corrections**

*Type: CR For: Approval  
 23.435 v18.1.0 CR-XXX rev 1 Cat: F (Rel-18)  
  
 Source: China Mobile Com. Corporation*

(Replaces S6-240114)

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

**S6-240520 IE Name and Reference Corrections**

*Type: CR For: Approval  
 23.435 v19.0.0 CR-0019 Cat: A (Rel-19)  
  
 Source: China Mobile Com. Corporation*

**Discussion:**

China Mobile presented the document.

Only change is correcting the CR#.

**Decision:** The document was **revised to S6-240555**.

**S6-240555 IE Name and Reference Corrections**

*Type: CR For: Approval  
 23.435 v19.0.0 CR-0019 rev 1 Cat: A (Rel-19)  
  
 Source: China Mobile Com. Corporation*

(Replaces S6-240520)

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

**S6-240142 Fault diagnosis subscription request**

*Type: CR For: Agreement  
 23.435 v18.1.0 CR-0008 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **revised to S6-240512**.

**S6-240512 Fault diagnosis subscription request**

*Type: CR For: Agreement  
 23.435 v18.1.0 CR-0008 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240142)

**Abstract:**

The contribution proposes:

- Removing the ‘>’ from IE Network slice related Identifier(s)

- Removing the Fault diagnosis ID IE and Fault diagnosis information IE;

**Discussion:**

Huawei presented the document.

The only change is aligning the changes with S6-240512.

**Decision:** The document was **revised to S6-240570**.

**S6-240570 Fault diagnosis subscription request**

*Type: CR For: Agreement  
 23.435 v18.1.0 CR-0008 rev 2 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240512)

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

**S6-240143 Fault diagnosis subscription request**

*Type: CR For: Agreement  
 23.435 v19.0.0 CR-0009 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **revised to S6-240513**.

**S6-240513 Fault diagnosis subscription request**

*Type: CR For: Agreement  
 23.435 v19.0.0 CR-0009 rev 1 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240143)

**Abstract:**

The contribution proposes:

- Remove the ‘>’ from IE Network slice related Identifier(s)

- Remove the Fault diagnosis ID IE and Fault diagnosis information IE;

**Discussion:**

Huawei presented the document.

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

**S6-240144 Add late notification to the network slice adaptation procedures**

*Type: CR For: Agreement  
 23.435 v18.1.0 CR-0010 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

The contribution proposes introducing the subscription and notification procedures.

**Decision:** The document was **revised to S6-240514**.

**S6-240514 Add late notification to the network slice adaptation procedures**

*Type: CR For: Agreement  
 23.435 v18.1.0 CR-0010 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240144)

**Discussion:**

Huawei presented the document.

**Decision:** The document was **revised to S6-240575**.

**S6-240575 Add late notification to the network slice adaptation procedures**

*Type: CR For: Agreement  
 23.435 v18.1.0 CR-0010 rev 2 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240514)

**Discussion:**

The only change is removing all changes to clause 9.11.4.

**Decision:** The document was **revised to S6-240587**.

**S6-240587 Add late notification to the network slice adaptation procedures**

*Type: CR For: Agreement  
 23.435 v18.1.0 CR-0010 rev 3 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240575)

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

**S6-240145 Add late notification to the network slice adaptation procedures**

*Type: CR For: Agreement  
 23.435 v19.0.0 CR-0011 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **revised to S6-240515**.

**S6-240515 Add late notification to the network slice adaptation procedures**

*Type: CR For: Agreement  
 23.435 v19.0.0 CR-0011 rev 1 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240145)

**Decision:** The document was **revised to S6-240576**.

**S6-240576 Add late notification to the network slice adaptation procedures**

*Type: CR For: Agreement  
 23.435 v19.0.0 CR-0011 rev 2 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240515)

**Discussion:**

The only changes are:

- removing all changes to clause 9.11.4 and

- correcting the cover page.

**Decision:** The document was **revised to S6-240588**.

**S6-240588 Add late notification to the network slice adaptation procedures**

*Type: CR For: Agreement  
 23.435 v19.0.0 CR-0011 rev 3 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240576)

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

**S6-240188 Correction of Area of interest**

*Type: CR For: Approval  
 23.435 v18.1.0 CR-0012 Cat: F (Rel-18)  
  
 Source: China Mobile E-Commerce Co.*

**Decision:** The document was **revised to S6-240516**.

**S6-240516 Correction of Area of interest**

*Type: CR For: Approval  
 23.435 v18.1.0 CR-0012 rev 1 Cat: F (Rel-18)  
  
 Source: China Mobile E-Commerce Co.*

(Replaces S6-240188)

**Discussion:**

The only changes are

**Decision:** The document was **revised to S6-240556**.

**S6-240556 Correction of Area of interest**

*Type: CR For: Approval  
 23.435 v18.1.0 CR-0012 rev 2 Cat: F (Rel-18)  
  
 Source: China Mobile E-Commerce Co.*

(Replaces S6-240516)

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

**S6-240517 Correction of Area of interest**

*Type: CR For: Approval  
 23.435 v19.0.0 CR-0018 Cat: A (Rel-19)  
  
 Source: China Mobile E-Commerce Co.*

**Discussion:**

Only changes

**Decision:** The document was **revised to S6-240557**.

**S6-240557 Correction of Area of interest**

*Type: CR For: Approval  
 23.435 v19.0.0 CR-0018 rev 1 Cat: A (Rel-19)  
  
 Source: China Mobile E-Commerce Co.*

(Replaces S6-240517)

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

**S6-240234 Correct the Fault diagnosis subscription request information flow**

*Type: CR For: Agreement  
 23.435 v18.1.0 CR-0013 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

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

**S6-240235 Correct the Fault diagnosis subscription request information flow**

*Type: CR For: Agreement  
 23.435 v19.0.0 CR-0014 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240236 Add late notification to the network slice adaptation procedures**

*Type: CR For: Agreement  
 23.435 v18.1.0 CR-0015 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

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

**S6-240237 Add late notification to the network slice adaptation procedures**

*Type: CR For: Agreement  
 23.435 v19.0.0 CR-0016 Cat: A (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

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

**S6-240080 Discussion of Editor's note on simultaneous PSA connectivity in ACR**

*Type: discussion For: Discussion  
 Source: Vodafone*

**Abstract:**

The paper discusses editor's note on simultaneous PSA connectivity in ACR.

**Discussion:**

Vodafone presented the document.

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

**S6-240049 Resolve Editor's note on simultaneous PSA connectivity in ACR**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0551 Cat: F (Rel-18)  
  
 Source: Vodafone*

**Discussion:**

Vodafone presented the document.

CR related to discussion paper S6-240080.

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

**S6-240605 Resolve Editor's note on simultaneous PSA connectivity in ACR**

*Type: draftCR For: Agreement  
 23.558 v18.5.0 CR-0551 rev 1 Cat: F (Rel-18)  
  
 Source: Vodafone*

**Discussion:**

Initially reserved for revision of S6-240049.

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

**S6-240050 Resolve Editor's note on simultaneous PSA connectivity in ACR**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0552 Cat: A (Rel-19)  
  
 Source: Vodafone*

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

**S6-240606 Resolve Editor's note on simultaneous PSA connectivity in ACR**

*Type: draftCR For: Agreement  
 23.558 v19.0.0 CR-0552 rev 1 Cat: A (Rel-19)  
  
 Source: Vodafone*

**Discussion:**

Initially reserved for revision of S6-240050.

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

**S6-240055 Correction in S-EES executed ACR to CAS**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0553 Cat: F (Rel-18)  
  
 Source: InterDigital Inc.*

**Abstract:**

Clause 8.8.2A.5 procedure specifies that the S-EES triggers DNS resolution for the CAS, and that the CAS information is obtained from the S-EAS profile.

However, the EAS profile does not contain any "CAS information" IE that could be used in the procedure.

**Discussion:**

InterDigital presented the document.

Ericsson had concerns about the second change.

Samsung suggested rephrasing "EAS provided CAS information." as "CAS information".

**Decision:** The document was **revised to S6-240607**.

**S6-240607 Correction in S-EES executed ACR to CAS**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0553 rev 1 Cat: F (Rel-18)  
  
 Source: InterDigital Inc.*

(Replaces S6-240055)

**Abstract:**

Clause 8.8.2A.5 procedure specifies that the S-EES triggers DNS resolution for the CAS, and that the CAS information is obtained from the S-EAS profile.

However, it is unclear what EAS profile IE can be used to perform DNS resolution.

Clarifications are added on the IE to use for DNS resolution.

**Discussion:**

InterDigital presented the document.

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

**S6-240056 Correction in S-EES executed ACR to CAS**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0554 Cat: A (Rel-19)  
  
 Source: InterDigital Inc.*

**Decision:** The document was **revised to S6-240608**.

**S6-240608 Correction in S-EES executed ACR to CAS**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0554 rev 1 Cat: A (Rel-19)  
  
 Source: InterDigital Inc.*

(Replaces S6-240056)

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

**S6-240057 Correction to EAS Information Provisioning request type**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0555 Cat: F (Rel-18)  
  
 Source: InterDigital Inc.*

**Abstract:**

The contribution proposes changing “Request type” to mandatory IE for EAS Information Provisioning request.

**Discussion:**

InterDigital presented the document.

Samsung was of the view the IE was made optional by purpose.

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

**S6-240058 Correction to EAS Information Provisioning request type**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0556 Cat: A (Rel-19)  
  
 Source: InterDigital Inc.*

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

**S6-240075 Remove EDN information in EES Profile**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0473 rev 3 Cat: F (Rel-18)  
  
 Source: Samsung*

(Replaces S6-233480)

**Abstract:**

The contribution proposes removing duplicated information elements in the EES profile.

**Discussion:**

Samsung presented the document.

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

**S6-240609 Remove EDN information in EES Profile**

*Type: draftCR For: Agreement  
 23.558 v18.5.0 CR-0473 rev 4 Cat: F (Rel-18)  
  
 Source: Samsung*

**Discussion:**

Initially reserved for revision of S6-240075.

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

**S6-240076 Remove EDN information in EES Profile**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0557 Cat: A (Rel-19)  
  
 Source: Samsung*

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

**S6-240610 Remove EDN information in EES Profile**

*Type: draftCR For: Agreement  
 23.558 v19.0.0 CR-0557 rev 1 Cat: A (Rel-19)  
  
 Source: Samsung*

**Discussion:**

Initially reserved for revision of S6-240076.

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

**S6-240077 Remove EN on EAS ID definition**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0558 Cat: F (Rel-18)  
  
 Source: Samsung*

**Discussion:**

Samsung presented the document.

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

**S6-240078 Remove EN on EAS ID definition**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0559 Cat: A (Rel-19)  
  
 Source: Samsung*

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

**S6-240079 Remove EN on EEC triggering service parameter**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0560 Cat: F (Rel-18)  
  
 Source: Samsung*

**Abstract:**

The contribution proposes a text replacing the EN on EEC triggering service parameter.

**Discussion:**

Samsung presented the document.

The only change is replacing the EN with a normal text block "In this release, the ECS and EES can determine the port ID for EEC triggering service based on implementation."

**Decision:** The document was **revised to S6-240611**.

**S6-240611 Remove EN on EEC triggering service parameter**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0560 rev 1 Cat: F (Rel-18)  
  
 Source: Samsung*

(Replaces S6-240079)

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

**S6-240091 Correction on ECS registration procedure**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0562 Cat: F (Rel-18)  
  
 Source: Samsung*

**Discussion:**

Samsung presented the document.

The only change is removing the newly added "partner".

**Decision:** The document was **revised to S6-240612**.

**S6-240612 Correction on ECS registration procedure**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0562 rev 1 Cat: F (Rel-18)  
  
 Source: Samsung*

(Replaces S6-240091)

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

**S6-240092 Correction on ECS registration procedure**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0563 Cat: A (Rel-19)  
  
 Source: Samsung*

**Discussion:**

Samsung presented the document.

The only change is removing the newly added "partner".

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

**S6-240613 Correction on ECS registration procedure**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0563 rev 1 Cat: A (Rel-19)  
  
 Source: Samsung*

(Replaces S6-240092)

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

**S6-240095 Common EAS procedures – putting together**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0565 Cat: F (Rel-18)  
  
 Source: Samsung, Apple*

**Abstract:**

The contribution proposes adding new annex to describe flow for supporting common EAS without repository function and with repository functions.

**Discussion:**

Samsung presented the document.

Ericsson did not support introducing the proposed change in Rel-18.

Motorola Solutions suggested rephrasing step C2.

There was also discussion on whether the proposal was required in the first place.

It was also remarked that the proposed annex included normative language while it was presented as an informative annex.

**Decision:** The document was **revised to S6-240614**.

**S6-240614 Common EAS procedures – putting together**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0565 rev 1 Cat: F (Rel-18)  
  
 Source: Samsung, Apple*

(Replaces S6-240095)

**Decision:** The document was **revised to S6-240710**.

**S6-240710 Common EAS procedures – putting together**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0565 rev 2 Cat: F (Rel-18)  
  
 Source: Samsung, Apple*

(Replaces S6-240614)

**Discussion:**

Samsung presented the document.

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

**S6-240096 Common EAS procedures – putting together**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0566 Cat: A (Rel-19)  
  
 Source: Samsung, Apple*

**Decision:** The document was **revised to S6-240615**.

**S6-240615 Common EAS procedures – putting together**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0566 rev 1 Cat: A (Rel-19)  
  
 Source: Samsung, Apple*

(Replaces S6-240096)

**Decision:** The document was **revised to S6-240711**.

**S6-240711 Common EAS procedures – putting together**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0566 rev 2 Cat: A (Rel-19)  
  
 Source: Samsung, Apple*

(Replaces S6-240615)

**Discussion:**

Samsung presented the document.

**Decision:** The document was **revised to S6-240743**.

**S6-240743 Common EAS procedures – putting together**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0566 rev 3 Cat: B (Rel-19)  
  
 Source: Samsung, Apple*

(Replaces S6-240711)

**Discussion:**

The only change is updating WID code to "EDGEAPP\_Ph3".

**Decision:** The document was **revised to S6-240772**.

**S6-240772 Common EAS procedures – putting together**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0566 rev 4 Cat: B (Rel-19)  
  
 Source: Samsung, Apple*

(Replaces S6-240743)

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

**S6-240097 Fix for allowed MNO details IE**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0567 Cat: F (Rel-18)  
  
 Source: Samsung*

**Abstract:**

The contribution proposes adding a NOTE to clarify that allowed MNO details should not include partner OP/MNO details.

**Discussion:**

Samsung presented the document.

**Decision:** The document was **revised to S6-240616**.

**S6-240616 Fix for allowed MNO details IE**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0567 rev 1 Cat: F (Rel-18)  
  
 Source: Samsung*

(Replaces S6-240097)

**Decision:** The document was **revised to S6-240689**.

**S6-240689 Fix for allowed MNO details IE**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0567 rev 2 Cat: F (Rel-18)  
  
 Source: Samsung*

(Replaces S6-240616)

**Discussion:**

Samsung presented the document.

The only change is replacing "home operator" to "leading operator".

**Decision:** The document was **revised to S6-240744**.

**S6-240744 Fix for allowed MNO details IE**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0567 rev 3 Cat: F (Rel-18)  
  
 Source: Samsung*

(Replaces S6-240689)

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

**S6-240098 Fix for allowed MNO details IE**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0568 Cat: A (Rel-19)  
  
 Source: Samsung*

**Decision:** The document was **revised to S6-240617**.

**S6-240617 Fix for allowed MNO details IE**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0568 rev 1 Cat: A (Rel-19)  
  
 Source: Samsung*

(Replaces S6-240098)

**Decision:** The document was **revised to S6-240690**.

**S6-240690 Fix for allowed MNO details IE**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0568 rev 2 Cat: A (Rel-19)  
  
 Source: Samsung*

(Replaces S6-240617)

**Discussion:**

Samsung presented the document.

The only change is replacing "home operator" to "leading operator".

**Decision:** The document was **revised to S6-240745**.

**S6-240745 Fix for allowed MNO details IE**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0568 rev 3 Cat: A (Rel-19)  
  
 Source: Samsung*

(Replaces S6-240690)

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

**S6-240099 Fix for common EAS aspects for service provisioning procedure**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0569 Cat: F (Rel-18)  
  
 Source: Samsung*

**Abstract:**

The contribution proposes adding Application group profile in:

- EES registration towards ECS.

- EAS registration towards EES.

**Discussion:**

Samsung presented the document.

Ericsson did not support including the proposed change in Rel-18.

**Decision:** The document was **revised to S6-240618**.

**S6-240618 Fix for common EAS aspects for service provisioning procedure**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0569 rev 1 Cat: F (Rel-18)  
  
 Source: Samsung*

(Replaces S6-240099)

**Discussion:**

Samsung presented the document.

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

**S6-240100 Fix for common EAS aspects for service provisioning procedure**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0570 Cat: A (Rel-19)  
  
 Source: Samsung*

**Decision:** The document was **revised to S6-240619**.

**S6-240619 Fix for common EAS aspects for service provisioning procedure**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0570 rev 1 Cat: A (Rel-19)  
  
 Source: Samsung*

(Replaces S6-240100)

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

**S6-240205 Editorial corrections regarding EDGEAPP**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0574 Cat: F (Rel-18)  
  
 Source: NTT DOCOMO INC..*

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

**S6-240241 Editorial corrections regarding EDGEAPP**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0576 Cat: F (Rel-19)  
  
 Source: NTT DOCOMO INC..*

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

**S6-240260 Editorial corrections regarding EDGEAPP**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0577 Cat: F (Rel-19)  
  
 Source: NTT DOCOMO INC..*

**Decision:** The document was **revised to S6-240400**.

**S6-240400 Editorial corrections regarding EDGEAPP**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0577 rev 1 Cat: F (Rel-19)  
  
 Source: NTT DOCOMO INC..*

(Replaces S6-240260)

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

**S6-240291 Add missing common EAS removal**

*Type: CR For: (not specified)  
 23.558 v18.5.0 CR-0578 Cat: F (Rel-18)  
  
 Source: Ericsson*

**Abstract:**

The ECS-ER maintains common EAS information but there is no procedure defined to remove stored EAS information in ECS-ER.

The contribution proposes adding common EAS removal with ECS-ER.

**Discussion:**

Ericsson presented the document.

Samsung did not support include the proposed change in Rel-18.

Ericsson remarked that the removal function is currently under specified in Rel-18.

Huawei suggested using expiration timer.

**Decision:** The document was **revised to S6-240620**.

**S6-240620 Add missing common EAS removal**

*Type: CR For: -  
 23.558 v18.5.0 CR-0578 rev 1 Cat: F (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-240291)

**Discussion:**

Ericsson presented the document.

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

**S6-240292 Add missing common EAS removal**

*Type: CR For: (not specified)  
 23.558 v19.0.0 CR-0579 Cat: A (Rel-19)  
  
 Source: Ericsson*

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

**S6-240621 Add missing common EAS removal**

*Type: draftCR For: -  
 23.558 v19.0.0 CR-0579 rev 1 Cat: A (Rel-19)  
  
 Source: Ericsson*

**Discussion:**

Initially reserved as revision for S6-240292.

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

**S6-240622 Add missing common EAS removal**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0600 Cat: B (Rel-19)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-240716**.

**S6-240716 Add missing common EAS removal**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0600 rev 1 Cat: B (Rel-19)  
  
 Source: Ericsson*

(Replaces S6-240622)

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

**S6-240293 CAS consumes EES services**

*Type: CR For: (not specified)  
 23.558 v18.5.0 CR-0580 Cat: F (Rel-18)  
  
 Source: Ericsson*

**Abstract:**

The CAS, as a service consumer, consuming EES services is not described in TS 23.558.

To align with C3-240198 and the 3rd pre-condition in cl.8.8.2A.6 of TS 23.558, API summary needs update.

The present contribution proposes adding consumer CAS in clause 6.7.2.

**Discussion:**

Ericsson presented the document.

The only change is undoing the change in Eees\_UEIDentifier.

**Decision:** The document was **revised to S6-240450**.

**S6-240450 CAS consumes EES services**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0580 rev 1 Cat: F (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-240293)

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

**S6-240294 CAS consumes EES services**

*Type: CR For: (not specified)  
 23.558 v19.0.0 CR-0581 Cat: A (Rel-19)  
  
 Source: Ericsson*

**Discussion:**

Mirror to S6-240293.

The only change is undoing the change in Eees\_UEIDentifier.

**Decision:** The document was **revised to S6-240451**.

**S6-240451 CAS consumes EES services**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0581 rev 1 Cat: A (Rel-19)  
  
 Source: Ericsson*

(Replaces S6-240294)

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

**S6-240295 CES consumes EEL services**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0582 Cat: F (Rel-18)  
  
 Source: Ericsson*

**Abstract:**

The CES, as a service consumer, consuming EEL services is not described in TS 23.558.

The present contribution proposes adding consumer CES in clause 6.7.2.

**Discussion:**

Ericsson presented the document.

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

**S6-240296 CES consumes EEL services**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0583 Cat: A (Rel-19)  
  
 Source: Ericsson*

**Discussion:**

Mirror to S6-240295.

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

**S6-240297 Clarify CES service**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0584 Cat: F (Rel-18)  
  
 Source: Ericsson*

**Abstract:**

The CES services are not defined clearly in the specification. It mainly re-use EES services.

The contribution proposes adding CES services.

**Discussion:**

Ericsson presented the document.

Huawei did not see the need for adding table 6.7.2-5.

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

**S6-240653 Clarify CES service**

*Type: draftCR For: Agreement  
 23.558 v18.5.0 CR-0584 rev 1 Cat: F (Rel-18)  
  
 Source: Ericsson*

**Discussion:**

Initially reserved as a revision to S6-240297.

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

**S6-240298 Clarify CES service**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0585 Cat: A (Rel-19)  
  
 Source: Ericsson*

**Discussion:**

Mirror CR to S6-240297.

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

**S6-240654 Clarify CES service**

*Type: draftCR For: Agreement  
 23.558 v19.0.0 CR-0585 rev 1 Cat: A (Rel-19)  
  
 Source: Ericsson*

**Discussion:**

Initially reserved as a revision to S6-240298.

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

**S6-240348 EDGEAPP\_R18 clarify EASID(s) description**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0595 Cat: F (Rel-18)  
  
 Source: Samsung*

**Abstract:**

The present contribution proposes clarifying the EASID(s) description in the TS as the EASID(s) description is not accurate in the TS.

**Discussion:**

Samsung presented the document.

Huawei was of the view the change was not needed.

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

**S6-240655 EDGEAPP\_R18 clarify EASID(s) description**

*Type: draftCR For: Agreement  
 23.558 v18.5.0 CR-0595 rev 1 Cat: F (Rel-18)  
  
 Source: Samsung*

**Discussion:**

Initially reserved as revision of S6-240348.

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

**S6-240349 EDGEAPP\_R19 clarify EASID(s) description**

*Type: draftCR For: Agreement  
 23.558 v19.0.0 CR-0596 Cat: A (Rel-19)  
  
 Source: Samsung*

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

**S6-240656 EDGEAPP\_R19 clarify EASID(s) description**

*Type: draftCR For: Agreement  
 23.558 v19.0.0 CR-0596 rev 1 Cat: A (Rel-19)  
  
 Source: Samsung*

**Discussion:**

Initially reserved as revision of S6-240349.

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

**S6-240402 Add Update and Cancellation services of Eees\_TrafficInfluenceEAS**

*Type: CR For: discussion  
 23.558 v18.5.0 CR-0598 Cat: F (Rel-18)  
  
 Source: China Mobile*

**Abstract:**

As indicated in LS S6-240022 from CT3 on Application traffic influence trigger from EAS, to complete the Eees\_TrafficInfluenceEAS Service, the update and cancellation service operations are needed.

**Discussion:**

China Mobile presented the document.

**Decision:** The document was **revised to S6-240699**.

**S6-240699 Add Update and Cancellation services of Eees\_TrafficInfluenceEAS**

*Type: CR For: discussion  
 23.558 v18.5.0 CR-0598 rev 1 Cat: F (Rel-18)  
  
 Source: China Mobile*

(Replaces S6-240402)

**Discussion:**

The only change is replacing in figure 8.6.7.2.z-1 content to "cancel" instead of "delete".

**Decision:** The document was **revised to S6-240757**.

**S6-240757 Add Update and Cancellation services of Eees\_TrafficInfluenceEAS**

*Type: CR For: discussion  
 23.558 v18.5.0 CR-0598 rev 2 Cat: F (Rel-18)  
  
 Source: China Mobile*

(Replaces S6-240699)

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

**S6-240403 Add Update and Cancellation services of Eees\_TrafficInfluenceEAS**

*Type: CR For: discussion  
 23.558 v19.0.0 CR-599 Cat: A (Rel-19)  
  
 Source: China Mobile*

**Discussion:**

Mirror CR to S6-240402.

**Decision:** The document was **revised to S6-240700**.

**S6-240700 Add Update and Cancellation services of Eees\_TrafficInfluenceEAS**

*Type: CR For: discussion  
 23.558 v19.0.0 CR-599 rev 1 Cat: A (Rel-19)  
  
 Source: China Mobile*

(Replaces S6-240403)

**Discussion:**

The only change is replacing in figure 8.6.7.2.z-1 content to "cancel" instead of "delete".

**Decision:** The document was **revised to S6-240758**.

**S6-240758 Add Update and Cancellation services of Eees\_TrafficInfluenceEAS**

*Type: CR For: discussion  
 23.558 v19.0.0 CR-599 rev 2 Cat: A (Rel-19)  
  
 Source: China Mobile*

(Replaces S6-240700)

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

**S6-240549 Clarification on EAS type**

*Type: CR For: Agreement  
 23.558 v18.5.0 CR-0601 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **revised**.

**S6-240550 Clarification on EAS type**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0602 Cat: F (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

### 7.9 EDGEAPP\_EXT - Edge Application Standards in 3GPP and alignment with External Organizations

**S6-240101 Updates to role mapping between EDGEAPP and GSMA**

*Type: CR For: Approval  
 23.958 v18.0.0 CR-0001 Cat: F (Rel-18)  
  
 Source: Samsung*

**Abstract:**

The present contribution proposes updated mapping table based on reply from SA5 providing their inputs to map GSMA scenarios with the SA5 entities.

**Discussion:**

Samsung presented the document.

Nokia suggested adding some architectural diagrams (also from SA5).

Apple pointed out a number of editorial corrections.

**Decision:** The document was **revised to S6-240657**.

**S6-240657 Updates to role mapping between EDGEAPP and GSMA**

*Type: CR For: Approval  
 23.958 v18.0.0 CR-0001 rev 1 Cat: F (Rel-18)  
  
 Source: Samsung*

(Replaces S6-240101)

**Discussion:**

Samsung presented the document.

The only changes are:

- correcting typo "ESTI" -> "ETSI"

- removing the proposed NOTE.

**Decision:** The document was **revised to S6-240746**.

**S6-240746 Updates to role mapping between EDGEAPP and GSMA**

*Type: CR For: Approval  
 23.958 v18.0.0 CR-0001 rev 2 Cat: F (Rel-18)  
  
 Source: Samsung*

(Replaces S6-240657)

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

### 7.10 UASAPP\_Ph2 - Architecture for UAS Applications, Phase 2

### 7.11 V2XAPP2\_Ph3 - Application layer support for V2X services; Phase 3

### 7.12 ADAES - Application Data Analytics Enablement Service

**S6-240289 Correct edge load analytics**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0015 Cat: F (Rel-18)  
  
 Source: Ericsson*

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

**S6-240290 Correct registration**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0016 Cat: F (Rel-18)  
  
 Source: Ericsson*

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

**S6-240330 clarification on A-DCCF**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0017 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

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

**S6-240503 Clarification on A-DCCF**

*Type: draftCR For: Agreement  
 23.436 v18.2.0 CR-0017 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

Initially reserved as revision of S6-240330.

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

**S6-240331 correct the analytics type in the message**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0018 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

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

**S6-240332 fix the in-consistency of the A-ADRF**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0019 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **revised to S6-240511**.

**S6-240511 fix the in-consistency of the A-ADRF**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0019 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240332)

**Decision:** The document was **revised to S6-240585**.

**S6-240585 fix the in-consistency of the A-ADRF**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0019 rev 2 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240511)

**Discussion:**

The only change is to remove all information flow tables.

**Decision:** The document was **revised to S6-240793**.

**S6-240793 fix the in-consistency of the A-ADRF**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0019 rev 3 Cat: F (Rel-18)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240585)

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

**S6-240336 Updates to Application Performance Analytics and API**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0020 Cat: B (Rel-18)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-240504**.

**S6-240504 Updates to Application Performance Analytics and API**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0020 rev 1 Cat: B (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-240336)

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

**S6-240337 Updates to Slice-specific Application Performance Analytics and API**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0021 Cat: B (Rel-18)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-240505**.

**S6-240505 Updates to Slice-specific Application Performance Analytics and API**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0021 rev 1 Cat: B (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-240337)

**Discussion:**

Ericsson presented the document.

The only change is replacing "M" with "O" for analytics ID in table 8.3.3.2-1.

**Decision:** The document was **revised to S6-240558**.

**S6-240558 Updates to Slice-specific Application Performance Analytics and API**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0021 rev 2 Cat: B (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-240505)

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

**S6-240338 Updates to UE-to-UE Application Performance Analytics and API**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0022 Cat: B (Rel-18)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-240506**.

**S6-240506 Updates to UE-to-UE Application Performance Analytics and API**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0022 rev 1 Cat: B (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-240338)

**Discussion:**

Ericsson presented the document.

The only change is replacing "M" with "O" for analytics ID in table 8.4.3.2-1.

**Decision:** The document was **revised to S6-240559**.

**S6-240559 Updates to UE-to-UE Application Performance Analytics and API**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0022 rev 2 Cat: B (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-240506)

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

**S6-240339 Updates to Location Accuracy Analytics and API**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0023 Cat: B (Rel-18)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-240507**.

**S6-240507 Updates to Location Accuracy Analytics and API**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0023 rev 1 Cat: B (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-240339)

**Abstract:**

The changes include:

- Updated the description for “Analytics type” in clauses 8.5.3.2.

- Removed the “Analytics type” in clause 8.5.3.6.

- Added “Reporting requirements” to the table in clause 8.5.3.2.

- Added “Data collection requirements” to the table in clause 8.5.3.4.

**Discussion:**

Ericsson presented the document.

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

**S6-240340 Updates to Service API Analytics and API**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0024 Cat: B (Rel-18)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-240508**.

**S6-240508 Updates to Service API Analytics and API**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0024 rev 1 Cat: B (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-240340)

**Discussion:**

Ericsson presented the document.

The only change is replacing "M" with "O" for analytics ID in table 8.6.3.2-1.

**Decision:** The document was **revised to S6-240560**.

**S6-240560 Updates to Service API Analytics and API**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0024 rev 2 Cat: B (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-240508)

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

**S6-240341 Updates to Slice Usage Pattern Analytics and API**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0025 Cat: B (Rel-18)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-240509**.

**S6-240509 Updates to Slice Usage Pattern Analytics and API**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0025 rev 1 Cat: B (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-240341)

**Discussion:**

Ericsson presented the document.

The only change is replacing "M" with "O" for analytics ID in table 8.6.3.2-1.

**Decision:** The document was **revised to S6-240561**.

**S6-240561 Updates to Slice Usage Pattern Analytics and API**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0025 rev 2 Cat: B (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-240509)

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

**S6-240342 Updates to Edge Load Analytics and API**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0026 Cat: B (Rel-18)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-240510**.

**S6-240510 Updates to Edge Load Analytics and API**

*Type: CR For: Agreement  
 23.436 v18.2.0 CR-0026 rev 1 Cat: B (Rel-18)  
  
 Source: Ericsson*

(Replaces S6-240342)

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

### 7.13 5GFLS - 5G-enabled fused location service capability exposure

### 7.14 PINAPP - Application layer support for Personal IoT Network

**S6-240051 Resolving EN on PEGC/PEMC authorization**

*Type: CR For: Agreement  
 23.542 v18.2.0 CR-0048 Cat: F (Rel-18)  
  
 Source: InterDigital Inc.*

**Discussion:**

The only changes are to the cover sheet to indicate ME impact and to mention affected clauses.

**Decision:** The document was **revised to S6-240539**.

**S6-240539 Resolving EN on PEGC/PEMC authorization**

*Type: CR For: Agreement  
 23.542 v18.2.0 CR-0048 rev 1 Cat: F (Rel-18)  
  
 Source: InterDigital Inc.*

(Replaces S6-240051)

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

**S6-240052 Resolving EN on CAPIF usage**

*Type: CR For: Agreement  
 23.542 v18.2.0 CR-0049 Cat: F (Rel-18)  
  
 Source: InterDigital Inc., Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S6-240540**.

**S6-240540 Resolving EN on CAPIF usage**

*Type: CR For: Agreement  
 23.542 v18.2.0 CR-0049 rev 1 Cat: F (Rel-18)  
  
 Source: InterDigital Inc., Nokia, Nokia Shanghai Bell*

(Replaces S6-240052)

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

**S6-240053 Resolving EN on enhanced PIN security aspects**

*Type: CR For: Agreement  
 23.542 v18.2.0 CR-0050 Cat: F (Rel-18)  
  
 Source: InterDigital Inc.*

**Discussion:**

The only change is to the cover sheet to mention affected clauses.

**Decision:** The document was **revised to S6-240541**.

**S6-240541 Resolving EN on enhanced PIN security aspects**

*Type: CR For: Agreement  
 23.542 v18.2.0 CR-0050 rev 1 Cat: F (Rel-18)  
  
 Source: InterDigital Inc.*

(Replaces S6-240053)

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

**S6-240054 Resolving EN on Annex A.1**

*Type: CR For: Agreement  
 23.542 v18.2.0 CR-0051 Cat: F (Rel-18)  
  
 Source: InterDigital Inc.*

**Discussion:**

The only changes are to the cover sheet to indicate impacts and to mention affected clause.

**Decision:** The document was **revised to S6-240542**.

**S6-240542 Resolving EN on Annex A.1**

*Type: CR For: Agreement  
 23.542 v18.2.0 CR-0051 rev 1 Cat: F (Rel-18)  
  
 Source: InterDigital Inc.*

(Replaces S6-240054)

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

**S6-240089 Correction of authorization**

*Type: CR For: Approval  
 23.542 v18.2.0 CR-0052 Cat: F (Rel-18)  
  
 Source: vivo*

**Decision:** The document was **revised to S6-240543**.

**S6-240543 Correction of authorization**

*Type: CR For: Approval  
 23.542 v18.2.0 CR-0052 rev 1 Cat: F (Rel-18)  
  
 Source: vivo*

(Replaces S6-240089)

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

**S6-240090 Correction of Additional PEMCs**

*Type: CR For: Agreement  
 23.542 v18.2.0 CR-0053 Cat: F (Rel-18)  
  
 Source: vivo*

**Decision:** The document was **revised to S6-240544**.

**S6-240544 Correction of Additional PEMCs**

*Type: CR For: Agreement  
 23.542 v18.2.0 CR-0053 rev 1 Cat: F (Rel-18)  
  
 Source: vivo*

(Replaces S6-240090)

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

## 8 Rel-19 Study Items

### 8.1 FS\_eLSAPP - Study on enhanced application layer support for location services

**S6-240210 KI on support for ranging / sidelink positioning**

*Type: pCR For: Approval  
 23.700-72 v0.3.0  
 Source: Lenovo*

**Abstract:**

This paper introduces a new key issue on Enabler layer support for sidelink positioning/ranging.

**Discussion:**

Lenovo presented the document.

Ericsson pointed out that SA2 was already addressing the " How to enable the 3rd party customer to provision ranging service parameters and configurations to the involved UEs?"

**Decision:** The document was **revised to S6-240595**.

**S6-240595 KI on support for ranging / sidelink positioning**

*Type: pCR For: Approval  
 23.700-72 v0.3.0  
 Source: Lenovo*

(Replaces S6-240210)

**Discussion:**

Lenovo presented the document.

The only changes are deleting:

- the sentence "Some aspects can be covered by existing mechanisms specified in ProSe (TS 23.304). "

- the word monitoring from the last bullet.

**Decision:** The document was **revised to S6-240747**.

**S6-240747 KI on support for ranging / sidelink positioning**

*Type: pCR For: Approval  
 23.700-72 v0.3.0  
 Source: Lenovo*

(Replaces S6-240595)

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

**S6-240282 pCR on solution evaluation for Sol#2: Application enabled Geofencing**

*Type: pCR For: Approval  
 23.700-72 v0.3.0  
 Source: CATT*

**Abstract:**

This contribution provides the solution evaluation for Sol#2: Application enabled Geofencing.

**Discussion:**

CATT presented the document.

**Decision:** The document was **revised to S6-240596**.

**S6-240596 pCR on solution evaluation for Sol#2: Application enabled Geofencing**

*Type: pCR For: Approval  
 23.700-72 v0.3.0  
 Source: CATT*

(Replaces S6-240282)

**Discussion:**

CATT presented the document.

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

**S6-240283 pCR on new solution for KI#3 to reduce response time for LCS QoS**

*Type: pCR For: Approval  
 23.700-72 v0.3.0  
 Source: CATT*

**Abstract:**

This contribution provides a new solution for KI#3: Location QoS improvement.

**Discussion:**

CATT presented the document.

Ericsson had some major concerns with the proposal.

**Decision:** The document was **revised to S6-240597**.

**S6-240597 pCR on new solution for KI#3 to reduce response time for LCS QoS**

*Type: pCR For: Approval  
 23.700-72 v0.3.0  
 Source: CATT*

(Replaces S6-240283)

**Discussion:**

CATT presented the document.

**Decision:** The document was **revised to S6-240717**.

**S6-240717 pCR on new solution for KI#3 to reduce response time for LCS QoS**

*Type: pCR For: Approval  
 23.700-72 v0.3.0  
 Source: CATT*

(Replaces S6-240597)

**Decision:** The document was **revised to S6-240770**.

**S6-240770 pCR on new solution for KI#3 to reduce response time for LCS QoS**

*Type: pCR For: Approval  
 23.700-72 v0.3.0  
 Source: CATT*

(Replaces S6-240717)

**Decision:** The document was **revised to S6-240789**.

**S6-240789 pCR on new solution for KI#3 to reduce response time for LCS QoS**

*Type: pCR For: Approval  
 23.700-72 v0.3.0  
 Source: CATT*

(Replaces S6-240770)

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

**S6-240284 pCR on new solution for KI#3 to improve the LCS QoS accuracy**

*Type: pCR For: Approval  
 23.700-72 v0.3.0  
 Source: CATT*

**Abstract:**

This contribution provides a new solution for KI#3: Location QoS improvement.

**Discussion:**

CATT presented the document.

**Decision:** The document was **revised to S6-240598**.

**S6-240598 pCR on new solution for KI#3 to improve the LCS QoS accuracy**

*Type: pCR For: Approval  
 23.700-72 v0.3.0  
 Source: CATT*

(Replaces S6-240284)

**Discussion:**

CATT presented the document.

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

**S6-240285 pCR on new solution for KI#4: Enhancement to support location information exposure**

*Type: pCR For: Approval  
 23.700-72 v0.3.0  
 Source: CATT*

**Abstract:**

This contribution provides a new solution for KI#4: Enhancement to support location information exposure.

**Discussion:**

CATT presented the document.

**Decision:** The document was **revised to S6-240599**.

**S6-240599 pCR on new solution for KI#4: Enhancement to support location information exposure**

*Type: pCR For: Approval  
 23.700-72 v0.3.0  
 Source: CATT*

(Replaces S6-240285)

**Discussion:**

CATT presented the document.

The only changes are removing:

- changes on changes and

- the text from the solution evaluation.

**Decision:** The document was **revised to S6-240718**.

**S6-240718 pCR on new solution for KI#4: Enhancement to support location information exposure**

*Type: pCR For: Approval  
 23.700-72 v0.3.0  
 Source: CATT*

(Replaces S6-240599)

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

**S6-240368 FS\_eLSAPP Solution for KI#4**

*Type: pCR For: Approval  
 23.700-72 v0.3.0  
 Source: Convida Wireless LLC*

**Abstract:**

In TR 23.700-72, key issue #4 describes the need to study whether and how enhance location information can be derived and exposed to reflect time, area, and space granularity of available location information. The location management server can fuse together location information from multiple sources and provide value-add location services.

**Discussion:**

Convida presented the document.

Lenovo did not see why the VAL server would need to do a request in the first place.

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

**S6-240600 FS\_eLSAPP Solution for KI#4**

*Type: pCR For: Approval  
 23.700-72 v0.3.0  
 Source: Convida Wireless LLC*

**Discussion:**

Initially reserved as revision of S6-240368.

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

**S6-240286 pCR on reference update**

*Type: pCR For: Approval  
 23.700-72 v0.3.0  
 Source: CATT*

**Discussion:**

CATT presented the document.

Ericsson pointed out a typo of spec. number.

The only change the last reference to read "23.288".

**Decision:** The document was **revised to S6-240593**.

**S6-240593 pCR on reference update**

*Type: pCR For: Approval  
 23.700-72 v0.3.0  
 Source: CATT*

(Replaces S6-240286)

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

**S6-240281 pCR on Architectural requirements**

*Type: pCR For: Approval  
 23.700-72 v0.3.0  
 Source: CATT*

**Abstract:**

This contribution provides the architectural requirements.

**Discussion:**

CATT presented the document.

It was remarked that the proposed requirements seemed more like functional requirements.

Ericsson suggested rephrasing concentrating on what architectural enhancements would be required.

**Decision:** The document was **revised to S6-240594**.

**S6-240594 pCR on Architectural requirements**

*Type: pCR For: Approval  
 23.700-72 v0.3.0  
 Source: CATT*

(Replaces S6-240281)

**Discussion:**

The only changes are removing:

- changes on changes and

- replacing the word "velocity" in bullet d with "more information (e.g. velocity)".

**Decision:** The document was **revised to S6-240719**.

**S6-240719 pCR on Architectural requirements**

*Type: pCR For: Approval  
 23.700-72 v0.3.0  
 Source: CATT*

(Replaces S6-240594)

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

### 8.2 FS\_eMMTelAPP - Study on Service aspects for supporting the eMMTel service

**S6-240165 pCR on solution of eMMTel Enabler architecture**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: China Mobile Com. Corporation*

**Abstract:**

This pCR proposes adding the solution on eMMTel Enabler architecture to 3GPP TR 23.700-92 v0.3.0.

**Discussion:**

China Mobile presented the document.

A lengthy discussion followed on the listed interfaces.

The chair suggested a drafting session.

**Decision:** The document was **revised to S6-240472**.

**S6-240472 pCR on solution of eMMTel Enabler architecture**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: China Mobile Com. Corporation*

(Replaces S6-240165)

**Discussion:**

China Mobile presented the document.

The only changes are:

- removing the NOTE from 8.x.y.3.2 and

- moving the EN from 8.x.y.2.6 to 8.x.y.2.5.

**Decision:** The document was **revised to S6-240554**.

**S6-240554 pCR on solution of eMMTel Enabler architecture**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: China Mobile Com. Corporation, Huawei*

(Replaces S6-240472)

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

**S6-240146 pCR on solution of eMMTel architecture**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: Huawei, Hisilicon*

**Abstract:**

4 key issues already agreed in the TR 23.700-92. Several solutions were discussed in the past meetings without being approved. However, without a basic functional model with initial functional entities, reference point, it is difficult to discuss the solution.

This pCR is proposed a initial functional model with necessary functional entities, reference point.

**Discussion:**

Huawei presented the document.

Ericsson noted that DC application client/server interface is not normally specified. The also noted that there proposal did not include any click to dial functionality as mentioned in the title.

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

**S6-240166 pCR on eMMTel high level architecture align with 3GPP TS 23.228**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: China Mobile Com. Corporation*

**Abstract:**

Some architectures related to eMMTel service have been specified in both 3GPP and GSMA, including architecture specified in 3GPP TS 23.228, GSMA TGY.02, GSMA NG.134 and GSMA TS.66. All these architectures have not covered the enabler layer of eMMTel service. When the architecture of eMMTel Enabler is proposed, it is needed to be aligned with the existing architectures.

This pCR proposes solution of eMMTel high level architecture align with the 3GPP TS 23.228. This solution is a subset of a big solution of architecture alignment which will be described in clause 8.X.

**Discussion:**

China Mobile presented the document.

**Decision:** The document was **revised to S6-240473**.

**S6-240473 pCR on eMMTel high level architecture align with 3GPP TS 23.228**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: China Mobile*

(Replaces S6-240166)

**Discussion:**

China Mobile presented the document.

Ericsson suggested deleting:

"are discovered by the SCEF+NEF node via the eMMTel Enabler Server which acts as the CAPIF function specified in TS 23.222 [9]. The DCSF, MF/MRF and DC Application Server act as CAPIF's API exposing function as specified in 3GPP TS 23.222 [9]."

**Decision:** The document was **revised to S6-240571**.

**S6-240571 pCR on eMMTel high level architecture align with 3GPP TS 23.228**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: China Mobile*

(Replaces S6-240473)

**Discussion:**

The only change is correcting the figure numbering.

**Decision:** The document was **revised to S6-240784**.

**S6-240784 pCR on eMMTel high level architecture align with 3GPP TS 23.228**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: China Mobile*

(Replaces S6-240571)

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

**S6-240168 pCR on eMMTel high level architecture align with GSMA NG.134**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: China Mobile Com. Corporation*

**Abstract:**

Some architectures related to eMMTel service have been specified in both 3GPP and GSMA, including architecture specified in 3GPP TS 23.228, GSMA TGY.02, GSMA NG.134 and GSMA TS.66. All these architectures have not covered the enabler layer of eMMTel service. When the architecture of eMMTel Enabler is proposed, it is needed to be aligned with the existing architectures.

This pCR proposes solution of eMMTel high level architecture aligned with the GSMA NG.134. This solution is a subset of a big solution of architecture alignment which will be described in clause 8.X.

**Discussion:**

China Mobile presented the document.

**Decision:** The document was **revised to S6-240474**.

**S6-240474 pCR on eMMTel high level architecture align with GSMA NG.134**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: China Mobile Com. Corporation*

(Replaces S6-240168)

**Discussion:**

China Mobile presented the document

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

**S6-240169 pCR on eMMTel high level architecture align with GSMA TGY.02**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: China Mobile Com. Corporation*

**Abstract:**

Some architectures related to eMMTel service have been specified in both 3GPP and GSMA, including architecture specified in 3GPP TS 23.228, GSMA TGY.02, GSMA NG.134 and GSMA TS.66. All these architectures have not covered the enabler layer of eMMTel service. When the architecture of eMMTel Enabler is proposed, it is needed to be aligned with the existing architectures. This pCR proposes solution of eMMTel high level architecture aligned with the GSMA TGY.02.

This solution is a subset of a big solution of architecture alignment which will be described in clause 8.X.

**Discussion:**

China Mobile presented the document.

**Decision:** The document was **revised to S6-240475**.

**S6-240475 pCR on eMMTel high level architecture align with GSMA TGY.02**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: China Mobile Com. Corporation*

(Replaces S6-240169)

**Discussion:**

China Mobile presented the document.

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

**S6-240170 pCR on eMMTel high level architecture align with GSMA TS.66**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: China Mobile Com. Corporation*

**Abstract:**

Some architectures related to eMMTel service have been specified in both 3GPP and GSMA, including architecture specified in 3GPP TS 23.228, GSMA TGY.02, GSMA NG.134 and GSMA TS.66. All these architectures have not covered the enabler layer of eMMTel service. When the architecture of eMMTel Enabler is proposed, it is needed to be aligned with the existing architectures.

This pCR proposes solution of eMMTel high level architecture aligned with the GSMA TS.66. This solution is a subset of a big solution of architecture alignment which will be described in clause 8.X.

**Discussion:**

China Mobile presented the document.

**Decision:** The document was **revised to S6-240476**.

**S6-240476 pCR on eMMTel high level architecture align with GSMA TS.66**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: China Mobile*

(Replaces S6-240170)

**Discussion:**

China Mobile presented the document.

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

**S6-240147 pCR on key issue #1 update**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: Huawei, Hisilicon*

**Discussion:**

Huawei presented the document.

Ericsson suggested making the proposal more generic as it is not specific to data channel.

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

**S6-240478 pCR on key issue #1 update**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: Huawei, Hisilicon*

**Discussion:**

Initially reserved as revision of S6-240147.

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

**S6-240280 Discussion on the exposure of application calling service**

*Type: discussion For: Discussion  
 23.700-92 v..  
 Source: Huawei, HiSilicon*

**Discussion:**

Huawei presented the document.

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

**S6-240181 pCR on Solution of Application calling service**

*Type: pCR For: Agreement  
 23.700-92 v0.3.0  
 Source: Huawei, HiSilicon*

**Abstract:**

This pCR proposes solution of Application calling service based on eMMTel service enhanced with Data Channel which solves the Key Issue#1 and Key Issue#3.

**Discussion:**

Huawei presented the document.

Ericsson pointed out that the SA2 solutions are still being worked on.

Nokia was asking what added value this proposal is bringing (on top of solution from SA2).

**Decision:** The document was **revised to S6-240477**.

**S6-240477 pCR on Solution of Application calling service**

*Type: pCR For: Agreement  
 23.700-92 v0.3.0  
 Source: Huawei, HiSilicon*

(Replaces S6-240181)

**Discussion:**

Huawei presented the document

**Decision:** The document was **revised to S6-240572**.

**S6-240572 pCR on Solution of Application calling service**

*Type: pCR For: Agreement  
 23.700-92 v0.3.0  
 Source: Huawei, HiSilicon*

(Replaces S6-240477)

**Decision:** The document was **revised to S6-240774**.

**S6-240774 pCR on Solution of Application calling service**

*Type: pCR For: Agreement  
 23.700-92 v0.3.0  
 Source: Huawei, HiSilicon*

(Replaces S6-240572)

**Discussion:**

The only change is correcting the reason for change.

**Decision:** The document was **revised to S6-240788**.

**S6-240788 pCR on Solution of Application calling service**

*Type: pCR For: Agreement  
 23.700-92 v0.3.0  
 Source: Huawei, HiSilicon*

(Replaces S6-240774)

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

**S6-240173 pCR on Solution of downloading data channel application to UE**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: China Mobile (Hangzhou) Inf.*

(Replaces S6-234074)

**Abstract:**

This pCR proposes a solution of downloading data channel application to UE which solves the Key Issue#2.

**Discussion:**

China Mobile presented the document.

Ericsson suggested rephrasing the sentence beneath the figure 8.x.1-1 and suggested showing the overlap with SA2.

Motorola Solutions suggested further clarifying the Autoload and Autolaunch IEs.

**Decision:** The document was **revised to S6-240589**.

**S6-240589 pCR on Solution of downloading data channel application to UE**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: China Mobile (Hangzhou) Inf.*

(Replaces S6-240173)

**Discussion:**

China Mobile presented the document.

**Decision:** The document was **revised to S6-240720**.

**S6-240720 pCR on Solution of downloading data channel application to UE**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: China Mobile (Hangzhou) Inf.*

(Replaces S6-240589)

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

**S6-240172 pCR on Solution of configuration of DC application profile**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: China Mobile (Hangzhou) Inf.*

(Replaces S6-234036)

**Abstract:**

This pCR proposes a solution of configuration of DC application profile which solves the Key Issue#2.

**Discussion:**

China Mobile presented the document.

**Decision:** The document was **revised to S6-240590**.

**S6-240590 pCR on Solution of configuration of DC application profile**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: China Mobile (Hangzhou) Inf.*

(Replaces S6-240172)

**Discussion:**

China Mobile presented the document.

**Decision:** The document was **revised to S6-240721**.

**S6-240721 pCR on Solution of configuration of DC application profile**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: China Mobile (Hangzhou) Inf.*

(Replaces S6-240590)

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

**S6-240117 KI of Call control conflict handling**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: China Mobile Com. Corporation*

**Abstract:**

This contribution proposes text for new KI of call control conflict handling.

**Discussion:**

China Mobile presented the document.

Nokia suggested adding an editor's note referring to required gap analyse wrt SA2.

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

**S6-240591 KI of Call control conflict handling**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: China Mobile Com. Corporation*

**Discussion:**

Initially reserved as revision of S6-240117.

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

**S6-240185 pCR on key issue of data channel application related capability exposure**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: Huawei, HiSilicon*

**Abstract:**

This contribution proposes a new KI "data channel application related capability exposure" for the TR 23.700-92.

**Discussion:**

Huawei presented the document.

The chair pointed out that SA6 should be careful wrt this particular proposal as it potentially overlapping with SA2.

**Decision:** The document was **revised to S6-240592**.

**S6-240592 pCR on key issue of data channel application related capability exposure**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: Huawei, HiSilicon*

(Replaces S6-240185)

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

**S6-240183 pCR on Abbreviations**

*Type: pCR For: Agreement  
 23.700-92 v0.3.0  
 Source: Huawei, HiSilicon*

**Abstract:**

This pCR proposes text for TR 23.700-92 clause 3.3 Abbreviations.

**Discussion:**

Huawei presented the document.

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

**S6-240238 pCR on solution of eMMTel architecture**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: Huawei, Hisilicon*

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

**S6-240239 pCR on key issue #1 update**

*Type: pCR For: Approval  
 23.700-92 v0.3.0  
 Source: Huawei, Hisilicon*

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

### 8.3 FS\_AIMLAPP - Study on application layer support for AI/ML services

**S6-240206 Definition Updates**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Lenovo*

**Abstract:**

This contribution provides some necessary definitions related to the ML entities.

**Discussion:**

Lenovo presented the document.

**Decision:** The document was **revised to S6-240642**.

**S6-240642 Definition Updates**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Lenovo*

(Replaces S6-240206)

**Discussion:**

Lenovo presented the document.

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

**S6-240354 DP AIML architecture and workflow**

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

**Abstract:**

Based on SA6#58 in Chicago discussions, some clarifications of the generic AIML process/workflow and of the scope of AIMLAPP layer are necessary in order to be able to integrate/ harmonize the various KIs and solutions.

This discussion paper has two parts:

- The first part discusses the relationship between the two architectural models in solution 1. Companion contributions are providing a minimal set of changes in the existing text for alignment based on these observations and proposals.

- The second part discusses how the AIML functionality discussed so far in the TR aligns with industry-established concepts, and then uses those external references to make some proposals. The corresponding TR proposals are also represented via companion contributions.

**Discussion:**

Convida presented the contribution.

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

**S6-240374 update Key issue #1**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: China Mobile Com. Corporation*

**Abstract:**

The current research does not consider the scenario of edge applications. The present contribution proposes updating KI#1, Support of Architecture Enhancement and Functions for Application Layer AI/ML Services

**Discussion:**

China Mobile presented the document.

**Decision:** The document was **revised to S6-240645**.

**S6-240645 update Key issue #1**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: China Mobile*

(Replaces S6-240374)

**Discussion:**

China Mobile presented the document.

**Decision:** The document was **revised to S6-240748**.

**S6-240748 update Key issue #1**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: China Mobile, Ericsson*

(Replaces S6-240645)

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

**S6-240382 Addition of study aspects related to AIML service session management in KI#1**

*Type: pCR For: (not specified)  
 23.700-82 v0.2.0  
 Source: Ericsson Inc.*

**Abstract:**

This pCR proposes additional topics to study for the AIML lifecycle KI#1.

**Discussion:**

Ericsson presented the document.

**Decision:** The document was **revised to S6-240646**.

**S6-240646 Addition of study aspects related to AIML service session management in KI#1**

*Type: pCR For: -  
 23.700-82 v0.2.0  
 Source: Ericsson Inc.*

(Replaces S6-240382)

**Decision:** The document was **revised to S6-240753**.

**S6-240753 Addition of study aspects related to AIML service session management in KI#1**

*Type: pCR For: -  
 23.700-82 v0.2.0  
 Source: Ericsson Inc.*

(Replaces S6-240646)

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

**S6-240785 Addition of study aspects related to AIML service session management in KI#1**

*Type: pCR For: -  
 23.700-82 v0.2.0  
 Source: Ericsson Inc.*

**Discussion:**

Initially reserved as revision of S6-240753.

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

**S6-240380 Introducing AIML service session lifecycle assistance procedure**

*Type: pCR For: (not specified)  
 23.700-82 v0.2.0  
 Source: Ericsson Inc.*

**Abstract:**

This pCR proposes a solution for the AIML lifecycle KI#1.

**Discussion:**

Ericsson presented the document.

**Decision:** The document was **revised to S6-240647**.

**S6-240647 Introducing AIML service session lifecycle assistance procedure**

*Type: pCR For: -  
 23.700-82 v0.2.0  
 Source: Ericsson Inc.*

(Replaces S6-240380)

**Decision:** The document was **revised to S6-240754**.

**S6-240754 Introducing AIML service session lifecycle assistance procedure**

*Type: pCR For: -  
 23.700-82 v0.2.0  
 Source: Ericsson Inc.*

(Replaces S6-240647)

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

**S6-240038 AI/ML model lifecycle management**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: TNO*

**Abstract:**

This contribution provides a new solution to support AI/ML model lifecycle, where the AI/ML Enablement capability can trigger model update upon detecting model performance degradation. To optimize the (re-) training process, a base model can be selected f

**Discussion:**

TNO presented the document.

**Decision:** The document was **revised to S6-240648**.

**S6-240648 AI/ML model lifecycle management**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: TNO*

(Replaces S6-240038)

**Discussion:**

The only change is removing last sentence of step 1 from step 1 and adding Ericsson as cosigner.

**Decision:** The document was **revised to S6-240771**.

**S6-240771 AI/ML model lifecycle management**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: TNO, Ericsson*

(Replaces S6-240648)

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

**S6-240344 Solution on Analytics and Assistance Information Collection for Supporting FL Member (Re)Selection**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Ericsson*

**Abstract:**

This pCR proposes the procedure on analytics and assistance information collection for supporting FL member (re)selection.

**Discussion:**

Ericsson presented the contribution.

**Decision:** The document was **revised to S6-240649**.

**S6-240649 Solution on Analytics and Assistance Information Collection for Supporting FL Member (Re)Selection**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Ericsson*

(Replaces S6-240344)

**Discussion:**

Ericsson presented the contribution.

Samsung as well as Huawei suggested some further changes.

**Decision:** The document was **revised to S6-240722**.

**S6-240722 Solution on Analytics and Assistance Information Collection for Supporting FL Member (Re)Selection**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Ericsson*

(Replaces S6-240649)

**Discussion:**

**Decision:** The document was **revised to S6-240759**.

**S6-240759 Solution on Analytics and Assistance Information Collection for Supporting FL Member (Re)Selection**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Ericsson*

(Replaces S6-240722)

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

**S6-240201 Discussion Paper on Policies in Application Layer AI/ML Services**

*Type: discussion For: Discussion  
 Source: Ericsson*

**Discussion:**

Ericsson presented the contribution.

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

**S6-240197 Update to KI#7 for the Support of policies and configurations in Application Layer AI/ML Services**

*Type: pCR For: Agreement  
 23.700-82 v0.2.0  
 Source: Ericsson*

**Abstract:**

The provisioning and management of the AI/ML policies and configuration is an essential functionality to organize the AI/ML operations across multiple heterogeneous AI/ML members and operations. Thus, the contribution proposes a KI to study the AI/ML policies provisioning, management, and applicability.

**Discussion:**

Ericsson presented the contribution.

**Decision:** The document was **revised to S6-240650**.

**S6-240650 Update to KI#7 for the Support of policies and configurations in Application Layer AI/ML Services**

*Type: pCR For: Agreement  
 23.700-82 v0.2.0  
 Source: Ericsson*

(Replaces S6-240197)

**Discussion:**

Ericsson presented the contribution.

Huawei was of the view the proposal was phrased as a solution as opposed to gap.

Samsung had a similar concerns.

**Decision:** The document was **revised to S6-240723**.

**S6-240723 Update to KI#7 for the Support of policies and configurations in Application Layer AI/ML Services**

*Type: pCR For: Agreement  
 23.700-82 v0.2.0  
 Source: Ericsson*

(Replaces S6-240650)

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

**S6-240196 Solution to KI#7 on AI/ML member selection policies provisioning and management**

*Type: pCR For: Agreement  
 23.700-82 v0.2.0  
 Source: Ericsson*

(Replaces S6-234054)

**Abstract:**

This pCR proposes the provisioning and management of the AI/ML member selection policies in the AIMLAPP layer.

**Discussion:**

Ericsson presented the contribution.

**Decision:** The document was **revised to S6-240651**.

**S6-240651 Solution to KI#7 on AI/ML member selection policies provisioning and management**

*Type: pCR For: Agreement  
 23.700-82 v0.2.0  
 Source: Ericsson*

(Replaces S6-240196)

**Decision:** The document was **revised to S6-240713**.

**S6-240713 Solution to KI#7 on AI/ML member selection policies provisioning and management**

*Type: pCR For: Agreement  
 23.700-82 v0.2.0  
 Source: Ericsson*

(Replaces S6-240651)

**Discussion:**

Ericsson presented the document.

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

**S6-240106 Pseudo-CR on key issue related to model distribution**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Samsung*

**Abstract:**

It is essential to study on how the AIML enablement layer can provide assistance to the VAL server(s) to manage the federated learning related operations particularly on the dynamic member selection and distribution of model related information to the selected FL members. This pCR proposes a new KI on the assistance of model distribution to the FL clients.

**Discussion:**

Samsung presented the document.

It was suggested moving the bullet 3 to key issue 3.

**Decision:** The document was **revised to S6-240665**.

**S6-240665 Pseudo-CR on key issue related to model distribution**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Samsung*

(Replaces S6-240106)

**Discussion:**

Samsung presented the document.

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

**S6-240208 Solution on AI enabled DN energy analytics**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Lenovo*

**Abstract:**

This contribution proposes a new solution to KI #2 on new analytics related to DN energy efficiency.

**Discussion:**

Lenovo presented the document.

**Decision:** The document was **revised to S6-240666**.

**S6-240666 Solution on AI enabled DN energy analytics**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Lenovo*

(Replaces S6-240208)

**Discussion:**

Huawei additional comments

**Decision:** The document was **revised to S6-240760**.

**S6-240760 Solution on AI enabled DN energy analytics**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Lenovo*

(Replaces S6-240666)

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

**S6-240209 Solution on ADAE analytics for tethered devices**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Lenovo*

**Abstract:**

This contribution proposes a new solution to KI#2 for new analytics related to XR services.

**Discussion:**

Lenovo presented the document.

Samsung was of the view that the proposed solution was not applicable to XR services.

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

**S6-240667 Solution on ADAE analytics for tethered devices**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Lenovo*

**Discussion:**

Initially reserved as revision to S6-240209.

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

**S6-240343 Solution on New ADAE Analytics on UE Capability for Supporting FL Member (Re)Selection**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Ericsson*

**Abstract:**

New ADAE analytics on UE Capability is necessary to support/assistant the AI/ML Enablement Server for coordinating a FL process by (re)selection of FL members.

This pCR proposes new ADAE analytics on UE Capability for supporting FL member (re)selection.

**Discussion:**

Ericsson presented the document.

**Decision:** The document was **revised to S6-240668**.

**S6-240668 Solution on New ADAE Analytics on UE Capability for Supporting FL Member (Re)Selection**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Ericsson*

(Replaces S6-240343)

**Decision:** The document was **revised to S6-240724**.

**S6-240724 Solution on New ADAE Analytics on UE Capability for Supporting FL Member (Re)Selection**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Ericsson*

(Replaces S6-240668)

**Discussion:**

Samsung and Huawei additional comments.

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

**S6-240761 Solution on New ADAE Analytics on UE Capability for Supporting FL Member (Re)Selection**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Ericsson*

(Replaces S6-240724)

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

**S6-240207 Solution on FL event notifications**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Lenovo*

**Abstract:**

This paper proposes a solution for KI #3.

**Discussion:**

Lenovo presented the document.

**Decision:** The document was **revised to S6-240669**.

**S6-240669 Solution on FL event notifications**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Lenovo*

(Replaces S6-240207)

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

**S6-240762 Solution on FL event notifications**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Lenovo*

**Discussion:**

Initially reserved as revision of S6-240669.

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

**S6-240373 Management of AIML operations**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Convida Wireless LLC*

**Abstract:**

As discussed in a companion discussion paper, AIML enablement can support VAL service users by providing the ability to manage AIML operations for an AIML workflow. This solution to KI#3 provides the means by introducing requests configuring the AIML enablement server to manage AIML operations (on behalf of VAL service users) via job profiles.

**Discussion:**

Convida presented the document.

**Decision:** The document was **revised to S6-240652**.

**S6-240652 Management of AIML operations**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Convida Wireless LLC*

(Replaces S6-240373)

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

**S6-240377 Introducing AIML requestor initiated AIML services solicitation**

*Type: pCR For: (not specified)  
 23.700-82 v0.2.0  
 Source: Ericsson Inc.*

**Abstract:**

This pCR proposes a solution for the AIML Enablement requestor to solicitate the AIML services, applicable for KI#7, KI#3

**Discussion:**

Ericsson presented the document.

Lenovo, Huawei, Samsung indicated they did not quite understand the intention with the proposed solution.

Convida suggested clarifying some terminology t make the proposal more clear.

**Decision:** The document was **revised to S6-240670**.

**S6-240670 Introducing AIML requestor initiated AIML services solicitation**

*Type: pCR For: -  
 23.700-82 v0.2.0  
 Source: Ericsson Inc.*

(Replaces S6-240377)

**Decision:** The document was **revised to S6-240714**.

**S6-240714 Introducing AIML requestor initiated AIML services solicitation**

*Type: pCR For: -  
 23.700-82 v0.2.0  
 Source: Ericsson Inc.*

(Replaces S6-240670)

**Decision:** The document was **revised to S6-240773**.

**S6-240773 Introducing AIML requestor initiated AIML services solicitation**

*Type: pCR For: -  
 23.700-82 v0.2.0  
 Source: Ericsson Inc.*

(Replaces S6-240714)

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

**S6-240378 Introducing AIML Enablement server initiated AIML service advertisement**

*Type: pCR For: (not specified)  
 23.700-82 v0.2.0  
 Source: Ericsson Inc.*

**Abstract:**

This pCR proposes a solution for the AIML Enablement server to advertise AIML services or AIML tasks to assist interested AIML Enablement consumers for the AIML task or services.

**Discussion:**

Ericsson presented the document.

Samsung was of the view that the reason for change and the proposed solution did not match.

**Decision:** The document was **revised to S6-240671**.

**S6-240671 Introducing AIML Enablement server initiated AIML service advertisement**

*Type: pCR For: -  
 23.700-82 v0.2.0  
 Source: Ericsson Inc.*

(Replaces S6-240378)

**Decision:** The document was **revised to S6-240715**.

**S6-240715 Introducing AIML Enablement server initiated AIML service advertisement**

*Type: pCR For: -  
 23.700-82 v0.2.0  
 Source: Ericsson Inc.*

(Replaces S6-240671)

**Decision:** The document was **revised to S6-240755**.

**S6-240755 Introducing AIML Enablement server initiated AIML service advertisement**

*Type: pCR For: -  
 23.700-82 v0.2.0  
 Source: Ericsson Inc.*

(Replaces S6-240715)

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

**S6-240345 Solution on Supporting VFL in Enablement Layer**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Ericsson*

**Abstract:**

To enable an AI/ML Enablement Server coordinate a VFL process in enablement layer, involving multiple UEs and 5GC NWDAF, getting and utilize information of VFL members between domains is necessary to be studied.

This pCR proposes solution on getting information of VFL members between domains, and coordinating a VFL process in enablement layer involving multiple UEs and 5GC NWDAF according to the obtained information (e.g., information on sample and features).

**Discussion:**

Ericsson presented the document.

**Decision:** The document was **revised to S6-240672**.

**S6-240672 Solution on Supporting VFL in Enablement Layer**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Ericsson*

(Replaces S6-240345)

**Discussion:**

Ericsson presented the document.

Apple raised concern about the use of the term "UE capability" in this context.

**Decision:** The document was **revised to S6-240725**.

**S6-240725 Solution on Supporting VFL in Enablement Layer**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Ericsson*

(Replaces S6-240672)

**Decision:** The document was **revised to S6-240763**.

**S6-240763 Solution on Supporting VFL in Enablement Layer**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Ericsson*

(Replaces S6-240725)

**Discussion:**

The only change is to revise EN after step 6 to read

"Whether and how the above parameters will be used is FFS"

**Decision:** The document was **revised to S6-240791**.

**S6-240791 Solution on Supporting VFL in Enablement Layer**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Ericsson*

(Replaces S6-240763)

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

**S6-240059 New solution on AIML operation splitting**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: InterDigital, Europe, Ltd.*

**Abstract:**

This paper provides a solution for supporting AIML operation splitting.

**Discussion:**

InterDigital presented the document.

Amongst others there were requests to clarify what was meant with the term pipeline.

**Decision:** The document was **revised to S6-240673**.

**S6-240673 New solution on AIML operation splitting**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: InterDigital, Europe, Ltd.*

(Replaces S6-240059)

**Decision:** The document was **revised to S6-240779**.

**S6-240779 New solution on AIML operation splitting**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: InterDigital, Europe, Ltd.*

(Replaces S6-240673)

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

**S6-240105 Solution for KI#5 Support for of AI/ML operation splitting between AI/ML endpoints**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Samsung*

**Abstract:**

This contribution introduces the solution for KI#5 (Support for of AI/ML operation splitting between AI/ML endpoints) where network endpoints are at cloud server.

**Discussion:**

Samsung presented the document.

**Decision:** The document was **revised to S6-240674**.

**S6-240674 Solution for KI#5 Support for of AI/ML operation splitting between AI/ML endpoints**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Samsung*

(Replaces S6-240105)

**Discussion:**

Samsung presented the document.

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

**S6-240346 Solution on Support Split AI/ML Operations in Enablement Layer**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Ericsson*

**Abstract:**

To support various split AI/ML operations in Enablement Layer, different assistance for management and configuration are required. Study mechanisms on supporting the various split AI/ML operations in Enablement Layer is needed.

3. Conclusions

This pCR proposes solution on assistance for management and configuration various split AI/ML operations in Enablement Layer.

**Discussion:**

Ericsson presented the document.

**Decision:** The document was **revised to S6-240675**.

**S6-240675 Solution on Support Split AI/ML Operations in Enablement Layer**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Ericsson*

(Replaces S6-240346)

**Discussion:**

Ericsson presented the document.

**Decision:** The document was **revised to S6-240726**.

**S6-240726 Solution on Support Split AI/ML Operations in Enablement Layer**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Ericsson*

(Replaces S6-240675)

**Discussion:**

Samsung comments.

**Decision:** The document was **revised to S6-240764**.

**S6-240764 Solution on Support Split AI/ML Operations in Enablement Layer**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Ericsson*

(Replaces S6-240726)

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

**S6-240355 Update to solution 1 architecture**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Convida Wireless LLC*

**Abstract:**

The contribution proposes to clarify the architecture in TR 23.700-82 solution 1 as follows:

- Confirm that both the 8.1.2.2 and the 8.1.2.3 options are valid and coexistent by deleting or re-phrasing some ENs.

- Update solution 4, which is specific for ML-enabled ADAE, i.e. MTME -enhanced ADAES, to clearly show its link to clause 8.1.2.2

- Update solution 5 to clarify that it applies to wither and both of the architectural options.

**Discussion:**

Convida presented the contribution.

**Decision:** The document was **revised to S6-240643**.

**S6-240643 Update to solution 1 architecture**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Convida Wireless LLC*

(Replaces S6-240355)

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

**S6-240356 Update to solution 4 ADAE**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Convida Wireless LLC*

**Abstract:**

The contribution proposes aligning solution 4 with the architecture. Given the scope of the solution, it pertains only to MTME-enhanced ADAE.

**Decision:** The document was **revised to S6-240644**.

**S6-240644 Update to solution 4 ADAE**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Convida Wireless LLC*

(Replaces S6-240356)

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

**S6-240039 Solution 5 Update**

*Type: pCR For: (not specified)  
 23.700-82 v0.2.0  
 Source: TNO*

**Abstract:**

This contribution updates Solution #5 on AI/ML model management to include additional metadata to be stored by the AI/ML model.

**Discussion:**

TNO presented the document.

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

**S6-240198 AI/ML Model storage and discovery procedures improvements**

*Type: pCR For: Agreement  
 23.700-82 v0.2.0  
 Source: Ericsson*

**Abstract:**

The current definition of the ML model storage and discovery procedures is not complete.

This pCR proposes the information flows and clarifications on the ML model storage and discovery procedures.

**Discussion:**

Ericsson presented the document.

**Decision:** The document was **revised to S6-240676**.

**S6-240676 AI/ML Model storage and discovery procedures improvements**

*Type: pCR For: Agreement  
 23.700-82 v0.2.0  
 Source: Ericsson, Samsung, TNO*

(Replaces S6-240198)

**Discussion:**

Ericsson presented the document.

**Decision:** The document was **revised to S6-240727**.

**S6-240727 AI/ML Model storage and discovery procedures improvements**

*Type: pCR For: Agreement  
 23.700-82 v0.2.0  
 Source: Ericsson, Samsung, TNO*

(Replaces S6-240676)

**Discussion:**

Following changes were proposed:

- remove the "training data information" and

- "ML model metadata" IEs from the table 8.5.4.1-1

- and related editor's note.

**Decision:** The document was **revised to S6-240765**.

**S6-240765 AI/ML Model storage and discovery procedures improvements**

*Type: pCR For: Agreement  
 23.700-82 v0.2.0  
 Source: Ericsson, Samsung, TNO*

(Replaces S6-240727)

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

**S6-240357 Update to solution 5 model mgmt**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Convida Wireless LLC*

**Abstract:**

The present contribution proposes updated terms, aligning solution 4 with updates to solution 1.

**Discussion:**

Convida presented the contribution.

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

**S6-240358 Update to solutions 6, 7, and 8**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Convida Wireless LLC*

**Abstract:**

This contribution updates solutions 6, 7, and 8 to add missing sections and corresponding API definitions, removal of editor’s notes, and clarifications to the procedure descriptions.

**Discussion:**

Convida presented the contribution.

**Decision:** The document was **revised to S6-240677**.

**S6-240677 Update to solutions 6**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: Convida Wireless LLC*

(Replaces S6-240358)

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

**S6-240393 Solution 7 update**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: KPN N.V.*

**Abstract:**

This contribution updates Solution #7 on F/AIML client discovery to clarify discovery criteria and include additional ones.

**Discussion:**

KPN presented the document.

**Decision:** The document was **revised to S6-240573**.

**S6-240573 Solution 7 update**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: KPN N.V., Convida Wireless*

(Replaces S6-240393)

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

**S6-240394 Solution 8 Update**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: KPN N.V.*

**Abstract:**

This contribution updates Solution #8 on F/AIML enablement client registration to clarify discovery criteria and include additional ones.

**Discussion:**

KPN presented the document.

**Decision:** The document was **revised to S6-240574**.

**S6-240574 Solution 8 Update**

*Type: pCR For: Approval  
 23.700-82 v0.2.0  
 Source: KPN N.V., Convida Wireless*

(Replaces S6-240394)

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

**S6-240328 Correction on AIML enablement client registration**

*Type: pCR For: Agreement  
 23.700-82 v0.2.0  
 Source: Huawei, Hisilicon*

**Abstract:**

This paper proposes to correct AIML enablement client registration procedure e.g. policy vs profile.

**Discussion:**

Huawei presented the document.

**Decision:** The document was **revised to S6-240678**.

**S6-240678 Correction on AIML enablement client registration**

*Type: pCR For: Agreement  
 23.700-82 v0.2.0  
 Source: Huawei, Hisilicon*

(Replaces S6-240328)

**Discussion:**

Huawei presented the document.

Ericsson suggested deleting the 1st editor's note and rewording of step 3.

**Decision:** The document was **revised to S6-240749**.

**S6-240749 Correction on AIML enablement client registration**

*Type: pCR For: Agreement  
 23.700-82 v0.2.0  
 Source: Huawei, Hisilicon*

(Replaces S6-240678)

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

**S6-240329 correction on AIML member participation configurations provisioning and management**

*Type: pCR For: Agreement  
 23.700-82 v0.2.0  
 Source: Huawei, Hisilicon*

**Abstract:**

This paper proposes to correct AI/ML member participation configurations provisioning and management

**Discussion:**

Huawei presented the document.

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

### 8.4 FS\_Metaverse\_App - Study on application enablement for Localized Mobile Metaverse Services

**S6-240060 Metaverse enablement layer architecture**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: InterDigital, Europe, Ltd.*

**Abstract:**

This contribution proposes a new application enablement architecture for mobile metaverse services.

**Discussion:**

InterDigital presented the document.

**Decision:** The document was **revised to S6-240623**.

**S6-240623 Metaverse enablement layer architecture**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: InterDigital Inc, Convida Wireless, LLC*

(Replaces S6-240060)

**Discussion:**

InterDigital presented the document.

**Decision:** The document was **revised to S6-240728**.

**S6-240728 Metaverse enablement layer architecture**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: InterDigital Inc., Convida Wireless LLC, Samsung, Huawei*

(Replaces S6-240623)

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

**S6-240361 MetaverseApp architecture**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Convida Wireless LLC*

**Abstract:**

This contribution provides a proposed application enablement architecture for metaverse services.

**Discussion:**

Convida presented the document.

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

**S6-240061 New solution on spatial anchor discovery**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: InterDigital, Europe, Ltd.*

**Abstract:**

This contribution proposes a solution for discovering spatial anchors at the application enablement layer.

**Discussion:**

InterDigital presented the document.

It was suggested to change the SA abbreviation.

**Decision:** The document was **revised to S6-240624**.

**S6-240624 New solution on spatial anchor discovery**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: InterDigital Inc., Convida Wireless, LLC*

(Replaces S6-240061)

**Discussion:**

InterDigital presented the document.

**Decision:** The document was **revised to S6-240750**.

**S6-240750 New solution on spatial anchor discovery**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: InterDigital Inc., Convida Wireless, LLC*

(Replaces S6-240624)

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

**S6-240107 Solution for spatial anchors management**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Samsung*

**Abstract:**

This pCR provides solution to KI#1 (Enabler support for managing spatial anchors).

**Discussion:**

Samsung presented the contribution.

**Decision:** The document was **revised to S6-240625**.

**S6-240625 Solution for spatial anchors management**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Samsung*

(Replaces S6-240107)

**Decision:** The document was **revised to S6-240752**.

**S6-240752 Solution for spatial anchors management**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Samsung*

(Replaces S6-240625)

**Discussion:**

The only change is adding Convida Wireless as co-signer.

**Decision:** The document was **revised to S6-240786**.

**S6-240786 Solution for spatial anchors management**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Samsung*

(Replaces S6-240752)

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

**S6-240362 Spatial anchor create**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Convida Wireless LLC*

**Abstract:**

This contribution provides a solution to KI #1 - Enabler support for managing spatial anchors.

**Discussion:**

Convida presented the document.

**Decision:** The document was **revised to S6-240626**.

**S6-240626 Spatial anchor create**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Convida Wireless LLC*

(Replaces S6-240362)

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

**S6-240363 Spatial anchor discovery**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Convida Wireless LLC*

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

**S6-240364 Spatial anchor subscribe notify**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Convida Wireless LLC*

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

**S6-240065 KI Autonomous Virtual Human management**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: ZTE Corporation*

**Abstract:**

This pCR proposes new Key Issue Autonomous Virtual Human management.

**Discussion:**

ZTE presented the document.

**Decision:** The document was **revised to S6-240627**.

**S6-240627 KI Autonomous Virtual Human management**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: ZTE Corporation*

(Replaces S6-240065)

**Discussion:**

ZTE presented the document.

Changes over changes were remarked.

**Decision:** The document was **revised to S6-240729**.

**S6-240729 KI Autonomous Virtual Human management**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: ZTE Corporation*

(Replaces S6-240627)

**Discussion:**

Huawei and Ericsson requested postponing.

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

**S6-240067 KI Digital twin**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: ZTE Corporation*

**Abstract:**

This pCR proposes new Key Issue Digital twin.

**Discussion:**

ZTE presented the document.

**Decision:** The document was **revised to S6-240628**.

**S6-240628 KI Digital twin**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: ZTE Corporation*

(Replaces S6-240067)

**Discussion:**

ZTE presented the document.

**Decision:** The document was **revised to S6-240730**.

**S6-240730 KI Digital twin**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: ZTE Corporation*

(Replaces S6-240628)

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

**S6-240108 Discussion on Avatar management**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Samsung*

**Decision:** The document was **revised to S6-240347**.

**S6-240347 Discussion on Avatar management**

*Type: discussion For: Approval  
 23.700-21 v0.1.0  
 Source: Samsung*

(Replaces S6-240108)

**Discussion:**

Samsung presented the document.

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

**S6-240109 new KI on Avatar profile management**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Samsung*

**Abstract:**

This contribution introduces the new key issue on support for avatar profile management.

**Discussion:**

Samsung presented the document.

Nokia suggested including some further justification from the discussion paper.

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

**S6-240630 new KI on Avatar profile management**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Samsung*

**Discussion:**

Initially reserved as revision of S6-240109

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

**S6-240359 Digital Avatars KI**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Convida Wireless LLC*

**Abstract:**

This contribution introduces a Key Issue to support digital avatars for the MetaApp study.

**Discussion:**

Convida presented the document.

Ericsson suggested clarifying the Proxy in the first bullet.

Lenovo suggested clarifying the exposure in the second bullet.

Apart from the proxy, KPN suggested clarifying the term digital container.

**Decision:** The document was **revised to S6-240631**.

**S6-240631 Digital Avatars KI**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Convida Wireless LLC*

(Replaces S6-240359)

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

**S6-240068 KI Edge computing for Metaverse**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: ZTE Corporation*

**Abstract:**

This pCR proposes new Key Issue Edge computing for Metaverse.

**Discussion:**

ZTE presented the document.

Motorola Solutions made a remark that they were assuming that we would not produce any predictive digital representation model.

**Decision:** The document was **revised to S6-240640**.

**S6-240640 KI Edge computing for Metaverse**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: ZTE Corporation*

(Replaces S6-240068)

**Discussion:**

ZTE presented the document.

Changes over changes remarked.

**Decision:** The document was **revised to S6-240731**.

**S6-240731 KI Edge computing for Metaverse**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: ZTE Corporation*

(Replaces S6-240640)

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

**S6-240110 new KI on EDGEAPP enhancement**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Samsung*

**Abstract:**

This pCR introduces new KI on enhancements to EDGEAPP to support metaverse services

**Discussion:**

Samsung presented the document.

**Decision:** The document was **revised to S6-240632**.

**S6-240632 new KI on EDGEAPP enhancement**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Samsung*

(Replaces S6-240110)

**Discussion:**

Huawei still had concerns with the paper.

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

**S6-240360 Application coordination KI**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Convida Wireless LLC*

**Abstract:**

This contribution introduces a Key Issue for studying the framework for performing association and coordination between in metaverse.

**Discussion:**

Convida presented the document.

Lenovo raised the question whether these key issues were needed.

Convida remarked that was the reason it was phrased as "Whether and how.."

**Decision:** The document was **revised to S6-240633**.

**S6-240633 Application coordination KI**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Convida Wireless LLC*

(Replaces S6-240360)

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

**S6-240066 KI Coordination XRAPP with MetaverseAPP**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: ZTE Corporation*

**Abstract:**

This pCR proposes new Key Issue Coordination XRAPP with MetaverseAPP.

**Discussion:**

ZTE presented the document.

Ericsson was of the view this proposal would result in a dependency with the avatar topic, and thought the proposal was premature.

Samsung did not think the proposed key issue was needed.

China Mobile remarked that the gap was not clear.

**Decision:** The document was **revised to S6-240634**.

**S6-240634 KI Coordination XRAPP with MetaverseAPP**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: ZTE Corporation*

(Replaces S6-240066)

**Discussion:**

ZTE presented the document.

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

**S6-240069 KI Spatial mapping**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: ZTE Corporation*

**Abstract:**

This pCR proposes new Key Issue Spatial mapping.

**Discussion:**

ZTE presented the document.

Ericsson suggested deleting the first open issue.

**Decision:** The document was **revised to S6-240635**.

**S6-240635 KI Spatial mapping**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: ZTE Corporation*

(Replaces S6-240069)

**Discussion:**

ZTE presented the document.

Samsung suggested deleting "Using sensor data related to the user's location, the 5G system can identify where the user is. This is possible by means of processing the sensor data as well as a spatial map. The result, precise user location and orientation in space, can be exposed to authorized third parties."

**Decision:** The document was **revised to S6-240732**.

**S6-240732 KI Spatial mapping**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: ZTE Corporation*

(Replaces S6-240635)

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

**S6-240636 KI#1 Update**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: ZTE Corporation*

**Abstract:**

This pCR proposes update Key Issue #1.

**Discussion:**

ZTE presented the contribution

Lenovo suggested clarifying what was meant with "their premises"

**Decision:** The document was **revised to S6-240734**.

**S6-240734 KI#1 Update**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: ZTE Corporation*

(Replaces S6-240636)

**Discussion:**

Ericsson additional comments.

**Decision:** The document was **revised to S6-240775**.

**S6-240775 KI#1 Update**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: ZTE Corporation*

(Replaces S6-240734)

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

**S6-240175 Update of KI on exposure of user sensitive information**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: China Mobile Com. Corporation*

**Abstract:**

This contribution revises KI on exposure of user sensitive information.

**Discussion:**

China Mobile presented the document.

Convida and Apple indicated support for the proposal, but it was noted some wording changes were proposed.

**Decision:** The document was **revised to S6-240637**.

**S6-240637 Update of KI on exposure of user sensitive information**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: China Mobile, Convida Wireless LLC*

(Replaces S6-240175)

**Discussion:**

China Mobile presented the contribution.

The only changes are:

- replacing "Especially how to ensure the legitimate use of user sensitive information like digital assets in the case of used by non-owners." with "Especially how to ensure the legitimate use of user sensitive information like digital assets in the case of usage by non-owners." and

- replace "NOTE 3：The solution of the case of authorized use by non-owners may coordination with SA3." with "NOTE 3：The solution of the case of authorized use by non-owners may need coordination with SA3."

**Decision:** The document was **revised to S6-240735**.

**S6-240735 Update of KI on exposure of user sensitive information**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: China Mobile, Convida Wireless LLC*

(Replaces S6-240637)

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

**S6-240202 SA2 linkage to KI on User Sensitive Information**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Apple R&D*

**Abstract:**

This paper proposes to provide linkage to the SA2 study on User Identities and Authentication Architecture.

**Discussion:**

Apple presented the document.

The only change is deleting "For example, utilisation of user-specific identities in relation to specific components of a user’s information." from the new note 3.

**Decision:** The document was **revised to S6-240638**.

**S6-240638 SA2 linkage to KI on User Sensitive Information**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Apple R&D*

(Replaces S6-240202)

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

**S6-240111 Discussion on support for content discovery**

*Type: discussion For: Approval  
 23.700-21 v0.1.0  
 Source: Samsung*

**Abstract:**

This discussion paper explains the use case and requirements for content discovery feature for metaverse.

**Discussion:**

Samsung presented the document.

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

**S6-240112 new KI on support for content discovery**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Samsung*

**Abstract:**

This pCR introduces a new KI for support for content discovery for metaverse services.

**Discussion:**

Samsung presented the document.

A discussion followed on whether the proposal fall within the SA6 purview.

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

**S6-240639 new KI on support for content discovery**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Samsung*

**Discussion:**

Initially reserved as revision of S6-240112.

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

**S6-240211 KI on discovery and QoS control for metaverse services**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Lenovo*

**Abstract:**

This contribution proposes a new KI for supporting the discovery of digital users / avatars in localized mobile metaverse services.

**Discussion:**

Lenovo presented the document.

Samsung suggested clarifying e.g. the terms Telco platform and onboarding.

**Decision:** The document was **revised to S6-240641**.

**S6-240641 KI on discovery and QoS control for metaverse services**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Lenovo*

(Replaces S6-240211)

**Discussion:**

The only change is adding following note:

"NOTE: Co-ordination with XRApp may be required for the QoS aspects impacting the multimodal sessions" at the end of the text

**Decision:** The document was **revised to S6-240766**.

**S6-240766 KI on discovery and QoS control for metaverse services**

*Type: pCR For: Approval  
 23.700-21 v0.1.0  
 Source: Lenovo*

(Replaces S6-240641)

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

### 8.5 FS\_XRApp - Study on Application enabler for XR Services

**S6-240150 General application enablement architecture requirements**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: China Mobile E-Commerce Co.*

**Abstract:**

This paper proposes general application enablement architecture requirements.

**Discussion:**

China Mobile presented the document.

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

**S6-240151 Application enablement architecture for XR services**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: China Mobile E-Commerce Co.*

**Abstract:**

The present contribution proposes providing Application enablement architecture for XR services.

**Discussion:**

China Mobile presented the document.

**Decision:** The document was **revised to S6-240679**.

**S6-240679 Application enablement architecture for XR services**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: China Mobile E-Commerce Co.*

(Replaces S6-240151)

**Discussion:**

China Mobile presented the document.

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

**S6-240365 Multi Modal App Transfer**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: Convida Wireless LLC*

**Abstract:**

This contribution provides a multi-modal application transfer architecture enhancement for SEALDD for KI #2 - E2E Multi-Modal Communication Flows.

**Discussion:**

Convida presented the document.

**Decision:** The document was **revised to S6-240680**.

**S6-240680 Multi Modal App Transfer**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: Convida Wireless LLC*

(Replaces S6-240365)

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

**S6-240070 KI Edge computing for XR**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: ZTE Corporation*

**Abstract:**

This pCR proposes new Key Issue Edge computing for XR.

It is proposed to study:

- Support for applications to provide policy(ies) for provisioning with the 5GC for flows associated with one or more XR services, etc., with the help of the application enablement layer and

- Potential support to apply application layer provided policy(ies) for control of flows associated with an application, and/or among multiple applications considering 5GC flow control mechanism for XR services.

**Discussion:**

ZTE presented the document.

Samsung suggested clarifying what was meant with edge computing flow

Ericsson was of the view SA4 and SA2 already study the proposed topics, so it was not clear what SA6 should study.

**Decision:** The document was **revised to S6-240681**.

**S6-240681 KI Edge computing for XR**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: ZTE Corporation*

(Replaces S6-240070)

**Discussion:**

ZTE presented the document.

Ericsson still struggled with the justification.

**Decision:** The document was **revised to S6-240709**.

**S6-240709 KI Edge computing for XR**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: ZTE Corporation*

(Replaces S6-240681)

**Discussion:**

Ericsson had concerns with the paper.

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

**S6-240072 KI XR services with avatar**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: ZTE Corporation*

**Abstract:**

This pCR proposes new Key Issue XR services with avatar.

It is proposed to study:

- Support for applications to provide policy(ies) for provisioning with the 5GC for flows associated with one or more XR services, etc., with the help of the application enablement layer;

- Potential support to apply application layer provided policy(ies) for control of flows associated with an application, and/or among multiple applications considering 5GC flow control mechanism for XR services.

**Discussion:**

ZTE presented the document.

Samsung was of the view that the proposal was more related to metaverse (not XR).

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

**S6-240071 KI PIN for AR Glasses tethering**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: ZTE Corporation*

**Abstract:**

This pCR proposes new Key Issue PIN for AR Glasses tethering.

It is proposed to study:

- Support for applications to provide policy(ies) for provisioning with the 5GC for flows associated with one or more XR services, etc., with the help of the application enablement layer and

- potential support to apply application layer provided policy(ies) for control of flows associated with an application, and/or among multiple applications considering 5GC flow control mechanism for XR services.

**Discussion:**

ZTE presented the document.

Ericsson made a remark that the key issue should be more specific.

China Mobile suggested being more specific on what has been specified in SA4.

**Decision:** The document was **revised to S6-240682**.

**S6-240682 KI PIN for AR Glasses tethering**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: ZTE Corporation*

(Replaces S6-240071)

**Discussion:**

ZTE presented the document.

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

**S6-240712 KI PIN for AR Glasses tethering**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: ZTE Corporation*

**Discussion:**

Initially reserved as revision for S6-240682

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

**S6-240118 KI of Coordination between direct UE connection and network based connection for AR/VR services**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: China Mobile Com. Corporation*

**Abstract:**

How to provide efficient coordination between direct UE connection and network based connection for AR/VR services needs to be studied. This contribution proposes text for new KI of coordination between direct UE connection and network based connection for AR/VR services.

**Discussion:**

China Mobile presented the document.

**Decision:** The document was **revised to S6-240683**.

**S6-240683 KI of Coordination between direct UE connection and network based connection for AR/VR services**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: China Mobile Com. Corporation*

(Replaces S6-240118)

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

**S6-240119 KI of Efficient XR content delivery**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: China Mobile Com. Corporation*

**Abstract:**

This contribution proposes text for new KI of efficient XR content delivery.

**Discussion:**

China Mobile presented the document.

Ericsson suggested removing "minimize utilization of radio".

**Decision:** The document was **revised to S6-240684**.

**S6-240684 KI of Efficient XR content delivery**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: China Mobile Com. Corporation*

(Replaces S6-240119)

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

**S6-240152 New KI on multi-modal service ID**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: China Mobile E-Commerce Co.*

**Abstract:**

New KI on Multi-modal Service ID negotiation.

**Discussion:**

China Mobile presented the document.

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

**S6-240685 New KI on multi-modal service ID**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: China Mobile E-Commerce Co.*

(Replaces S6-240152)

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

**S6-240153 New KI on transmission enhancement for encrypted traffic**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: China Mobile E-Commerce Co.*

**Abstract:**

New KI on end-to-end traffic transmission enhancement for encrypted traffic.

**Discussion:**

China Mobile presented the document.

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

**S6-240686 New KI on transmission enhancement for encrypted traffic**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: China Mobile E-Commerce Co.*

(Replaces S6-240153)

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

**S6-240262 Key Issue on E2E KPI guarantee for XR service**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: Huawei, Hisilicon*

**Abstract:**

This paper proposes a new key issue on end-to-end (E2E) KPI guarantee for XR service.

**Discussion:**

Huawei presented the document.

**Decision:** The document was **revised to S6-240687**.

**S6-240687 Key Issue on E2E KPI guarantee for XR service**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: Huawei, Hisilicon*

(Replaces S6-240262)

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

**S6-240263 Discussion on E2E KPI guarantee for XR application**

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

**Abstract:**

Discussion paper on E2E KPI guarantee for XR application.

**Discussion:**

Huawei presented the document.

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

**S6-240264 EAS instantiation enhancement to satisfy E2E KPI requirements for XR application**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: Huawei, Hisilicon*

**Abstract:**

This paper proposes a solution for new key issue in S6-240262, to satisfy E2E KPI requirements for XR application by the EAS instantiation enhancement mechanism.

**Discussion:**

Huawei presented the document.

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

**S6-240688 EAS instantiation enhancement to satisfy E2E KPI requirements for XR application**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: Huawei, Hisilicon*

(Replaces S6-240264)

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

**S6-240154 Sol for KI#1 & KI#2 multi-modal flows alignment**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: China Mobile*

**Abstract:**

This paper proposes solution for KI#1 & KI#2 by proposing multi-modal flows alignment and monitoring.

**Discussion:**

China Mobile presented the document.

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

**S6-240701 Sol for KI#1 & KI#2 multi-modal flows alignment**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: China Mobile*

(Replaces S6-240154)

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

**S6-240199 Support multi-modal service identifier in SEALDD**

*Type: pCR For: Agreement  
 23.700-23 v0.1.0  
 Source: Ericsson*

**Abstract:**

This pCR proposes a solution to address multi-modal service for XR traffic, which simplifies VAL server handling.

**Discussion:**

Ericsson presented the document.

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

**S6-240702 Support multi-modal service identifier in SEALDD**

*Type: pCR For: Agreement  
 23.700-23 v0.1.0  
 Source: Ericsson*

(Replaces S6-240199)

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

**S6-240200 Support multi-modal QoS measurement and exposure in SEALDD**

*Type: pCR For: Agreement  
 23.700-23 v0.1.0  
 Source: Ericsson*

**Abstract:**

This pCR proposes a solution to address multi-modal service for XR traffic, which enables QoS measurement in XR scenario.

**Discussion:**

Ericsson presented the document.

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

**S6-240703 Support multi-modal QoS measurement and exposure in SEALDD**

*Type: pCR For: Agreement  
 23.700-23 v0.1.0  
 Source: Ericsson*

(Replaces S6-240200)

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

**S6-240261 Multi-flow synchronization for multi-modal XR application**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: Huawei, Hisilicon*

**Abstract:**

This paper proposes a solution for KI#2 to solve how the SEALDD layer to assist the multi-modal XR application to achieve multi-flow synchronization.

**Discussion:**

Huawei presented the document.

**Decision:** The document was **revised to S6-240704**.

**S6-240704 Multi-flow synchronization for multi-modal XR application**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: Huawei, Hisilicon*

(Replaces S6-240261)

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

**S6-240306 Support multi-modal service in SEALDD**

*Type: pCR For: (not specified)  
 23.700-23 v0.1.0  
 Source: Ericsson*

**Abstract:**

This pCR proposes a solution to address multi-modal service for XR traffic, which simplifies VAL server handling.

**Discussion:**

Ericsson presented the document.

**Decision:** The document was **revised to S6-240705**.

**S6-240705 Support multi-modal service in SEALDD**

*Type: pCR For: -  
 23.700-23 v0.1.0  
 Source: Ericsson*

(Replaces S6-240306)

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

**S6-240366 Multi Modal SEALDD policy config**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: Convida Wireless LLC*

**Abstract:**

This contribution provides a solution for KI #2 - E2E Multi-Modal Communication Flows.

**Discussion:**

Convida presented the document.

**Decision:** The document was **revised to S6-240706**.

**S6-240706 Multi Modal SEALDD policy config**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: Convida Wireless LLC*

(Replaces S6-240366)

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

**S6-240367 Policy based Multi Modal SEALDD flow establishment**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: Convida Wireless LLC*

**Abstract:**

This contribution provides a solution for KI #2 - E2E Multi-Modal Communication Flows.

**Discussion:**

Convida presented the document.

**Decision:** The document was **revised to S6-240707**.

**S6-240707 Policy based Multi Modal SEALDD flow establishment**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: Convida Wireless LLC*

(Replaces S6-240367)

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

**S6-240155 Business relationship for XR services**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: China Mobile E-Commerce Co.*

**Abstract:**

The contribution proposes to provide the business relationships between the XR/VAL user, XR/VAL service providers, and PLMN operator.

**Discussion:**

China Mobile presented the document.

**Decision:** The document was **revised to S6-240708**.

**S6-240708 Business relationship for XR services**

*Type: pCR For: Approval  
 23.700-23 v0.1.0  
 Source: China Mobile E-Commerce Co.*

(Replaces S6-240155)

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

**S6-240156 FS\_XRAPP- Status and work plan**

*Type: discussion For: Agreement  
 Source: China Mobile E-Commerce Co.*

**Discussion:**

China Mobile presented the document.

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

### 8.6 FS\_5GSAT\_Ph3\_App - Study on application enablement for Satellite access enabled 5G Services

**S6-240350 FS\_5GSAT\_Ph3\_App\_editorials**

*Type: pCR For: Approval  
 23.700-01 v0.1.0  
 Source: Samsung*

**Discussion:**

Samsung presented the document.

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

**S6-240351 FS\_5GSAT\_Ph3\_App\_update-KI#1**

*Type: pCR For: Approval  
 23.700-01 v0.1.0  
 Source: Samsung*

**Abstract:**

Adding open issue related to making Application enablers aware of satellite access characteristics.

**Discussion:**

Samsung presented the document.

**Decision:** The document was **revised to S6-240601**.

**S6-240601 FS\_5GSAT\_Ph3\_App\_update-KI#1**

*Type: pCR For: Approval  
 23.700-01 v0.1.0  
 Source: Samsung*

(Replaces S6-240351)

**Discussion:**

Samsung presented the document.

The only change is deleting the second bullet in clause 4.1.2.

**Decision:** The document was **revised to S6-240740**.

**S6-240740 FS\_5GSAT\_Ph3\_App\_update-KI#1**

*Type: pCR For: Approval  
 23.700-01 v0.1.0  
 Source: Samsung*

(Replaces S6-240601)

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

**S6-240157 New KI on service continuity for edge computing**

*Type: pCR For: Approval  
 23.700-01 v0.1.0  
 Source: China Mobile E-Commerce Co.*

**Abstract:**

This paper proposes to study the service continuity for edge computing.

**Discussion:**

China Mobile presented the document.

Huawei was of the view the proposal was premature.

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

**S6-240381 New KI on satellite access with discontinuous coverage**

*Type: pCR For: Approval  
 23.700-01 v0.1.0  
 Source: Sateliot, CATT, TNO, Novamint*

(Replaces S6-234043)

**Abstract:**

This contribution proposes a new KI on the impacts to application enablers for supporting satellite access with discontinuous coverage for Cellular IoT (CIoT) / Machine Type Communication (MTC) services.

**Discussion:**

Sateliot presented the document.

**Decision:** The document was **revised to S6-240603**.

**S6-240603 New KI on satellite access with discontinuous coverage**

*Type: pCR For: Approval  
 23.700-01 v0.1.0  
 Source: Sateliot, CATT, TNO, Novamint*

(Replaces S6-240381)

**Decision:** The document was **revised to S6-240733**.

**S6-240733 New KI on satellite access with discontinuous coverage**

*Type: pCR For: Approval  
 23.700-01 v0.1.0  
 Source: Sateliot, CATT, TNO, Novamint*

(Replaces S6-240603)

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

**S6-240032 Pseudo-CR on Key Issue on application enablement of public safety over 5GS satellite**

*Type: pCR For: Agreement  
 23.700-01 v0.1.0  
 Source: FirstNet*

**Abstract:**

This contribution provides a new key issue#x: Mission critical services on application enabled satellite access enable 5G services.

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

**S6-240164 Pseudo-CR on new KI on satellite access support for MC services**

*Type: pCR For: Approval  
 23.700-01 v0.1.0  
 Source: Ericsson*

**Abstract:**

This pCR introduces a key issue to address satellite access support for MC services.

**Discussion:**

Ericsson presented the document.

Huawei suggested deleting bullets 2 to 5.

**Decision:** The document was **revised to S6-240604**.

**S6-240604 Pseudo-CR on new KI on satellite access support for MC services**

*Type: pCR For: Approval  
 23.700-01 v0.1.0  
 Source: Ericsson*

(Replaces S6-240164)

**Discussion:**

Ericsson presented the document.

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

**S6-240088 New KI on Application Enablement for satellite access enabled Public Warning System (PWS)**

*Type: pCR For: Approval  
 23.700-01 v0.1.0  
 Source: TNO*

**Abstract:**

This document proposes new Key Issue to study the impact of satellite access enabled Public Warning System (PWS) on the application enablement layer.

**Discussion:**

TNO presented the document.

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

**S6-240395 New Key Issue on Edge on board NGSO Satellite**

*Type: pCR For: Approval  
 23.700-01 v0.1.0  
 Source: KPN N.V., TNO*

**Abstract:**

This contribution proposes a new KI on placing an Edge on-board an NGSO Satellite.

**Discussion:**

KPN presented the document.

**Decision:** The document was **revised to S6-240602**.

**S6-240602 New Key Issue on Edge on board NGSO Satellite**

*Type: pCR For: Approval  
 23.700-01 v0.1.0  
 Source: KPN N.V., TNO, Novamint, Sateliot, Avanti, Novamint, Thales, Airbus, SES, DLR, Fraunhofer HHI, Fraunhofer IIS, IRT Saint Exupéry, ESA, Hughes, Satellite, Applications Catapult, Inmarsat, Viasat, CEWiT, Forsway, Omnispace, Lockheed Martin, OQ Technology, Gatehouse Satcom, Magister Solutions, Ericsson, China Mobile*

(Replaces S6-240395)

**Discussion:**

KPN presented the document.

The only changes are:

- removing changes on changes

- rephrasing the last bullet to read:

"- Whether and how are the service continuity procedures are impacted while the UE is only connected with NTN"

**Decision:** The document was **revised to S6-240741**.

**S6-240741 New Key Issue on Edge on board NGSO Satellite**

*Type: pCR For: Approval  
 23.700-01 v0.1.0  
 Source: KPN N.V., TNO, Novamint, Sateliot, Avanti, Novamint, Thales, Airbus, SES, DLR, Fraunhofer HHI, Fraunhofer IIS, IRT Saint Exupéry, ESA, Hughes, Satellite, Applications Catapult, Inmarsat, Viasat, CEWiT, Forsway, Omnispace, Lockheed Martin, OQ Technology, Gatehouse Satcom, Magister Solutions, Ericsson, China Mobile*

(Replaces S6-240602)

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

**S6-240304 Satellite edge computing**

*Type: pCR For: (not specified)  
 23.700-01 v0.1.0  
 Source: Ericsson*

**Abstract:**

This pCR provides a new solution for satellite edge computing.

**Discussion:**

Ericsson presented the document.

**Decision:** The document was **revised to S6-240629**.

**S6-240629 Satellite edge computing**

*Type: pCR For: -  
 23.700-01 v0.1.0  
 Source: Ericsson*

(Replaces S6-240304)

**Discussion:**

Ericsson presented the document.

Huawei suggested deleting from 6.1.1.1:

During service continuity, UE will be connected to a different satellite, consequently the EDN serving the UE will be changed.

NOTE 3: The local PSA UPF will be changed during service continuity, too.

NOTE 4: The interaction with ECS over EDGE-6 is also needed based on existing EDGEAPP procedures.

**Decision:** The document was **revised to S6-240742**.

**S6-240742 Satellite edge computing**

*Type: pCR For: -  
 23.700-01 v0.1.0  
 Source: Ericsson*

(Replaces S6-240629)

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

### 8.7 FS\_CAPIF\_Ph3 - Study on CAPIF Phase 3

**S6-240385 Skeleton for TR 23.700-22**

*Type: pCR For: Approval  
 23.700-22 v0.0.0  
 Source: Nokia Hungary*

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

**S6-240148 New KI on Managing resource owner consent**

*Type: pCR For: Approval  
 23.700-22 v0.0.1  
 Source: Apple R&D*

**Decision:** The document was **revised to S6-240491**.

**S6-240491 New KI on Managing resource owner consent**

*Type: pCR For: Approval  
 23.700-22 v0.0.1  
 Source: Apple R&D*

(Replaces S6-240148)

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

**S6-240390 New Key Issue on Supporting resource owner authentication**

*Type: pCR For: Approval  
 23.700-22 v0.0.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S6-240490**.

**S6-240490 New Key Issue on Supporting resource owner authentication**

*Type: pCR For: Approval  
 23.700-22 v0.0.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-240390)

**Discussion:**

E

**Decision:** The document was **revised to S6-240783**.

**S6-240783 New Key Issue on Supporting resource owner authentication**

*Type: pCR For: Approval  
 23.700-22 v0.0.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-240490)

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

**S6-240391 New Key Issue on RNAA Architecture enhancement**

*Type: pCR For: Approval  
 23.700-22 v0.0.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S6-240492**.

**S6-240492 New Key Issue on RNAA Architecture enhancement**

*Type: pCR For: Approval  
 23.700-22 v0.0.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-240391)

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

**S6-240305 new KI CAPIF interconnection**

*Type: pCR For: (not specified)  
 23.700-22 v0.0.0  
 Source: Ericsson*

**Decision:** The document was **revised to S6-240493**.

**S6-240493 new KI CAPIF interconnection**

*Type: pCR For: -  
 23.700-22 v0.0.0  
 Source: Ericsson*

(Replaces S6-240305)

**Discussion:**

Ericsson presented the document.

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

**S6-240352 FS\_CAPIF\_Ph3\_study\_On-boarding\_enhancements**

*Type: pCR For: Approval  
 23.700-22 v0.0.0  
 Source: Samsung*

**Decision:** The document was **revised to S6-240530**.

**S6-240530 FS\_CAPIF\_Ph3\_study\_On-boarding\_enhancements**

*Type: pCR For: Approval  
 23.700-22 v0.0.0  
 Source: Samsung*

(Replaces S6-240352)

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

**S6-240387 New Key Issue on Supporting UE access to another UE’s resources**

*Type: pCR For: Approval  
 23.700-22 v0.0.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S6-240494**.

**S6-240494 New Key Issue on Supporting UE access to another UE’s resources**

*Type: pCR For: Approval  
 23.700-22 v0.0.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-240387)

**Discussion:**

Nokia presented the document.

**Decision:** The document was **revised to S6-240751**.

**S6-240751 New Key Issue on Supporting UE access to another UE’s resources**

*Type: pCR For: Approval  
 23.700-22 v0.0.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-240494)

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

**S6-240265 Key issue on CAPIF enhancement for differentiated AEF status**

*Type: pCR For: Approval  
 23.700-22 v0.1.0  
 Source: Huawei, Hisilicon*

**Decision:** The document was **revised to S6-240495**.

**S6-240495 Key issue on CAPIF enhancement for differentiated AEF status**

*Type: pCR For: Approval  
 23.700-22 v0.1.0  
 Source: Huawei, Hisilicon*

(Replaces S6-240265)

**Decision:** The document was **revised to S6-240577**.

**S6-240577 Key issue on CAPIF enhancement for differentiated AEF status**

*Type: pCR For: Approval  
 23.700-22 v0.1.0  
 Source: Huawei, Hisilicon*

(Replaces S6-240495)

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

**S6-240266 API based Instantiation for service API discovery**

*Type: pCR For: Approval  
 23.700-22 v0.1.0  
 Source: Huawei, Hisilicon*

**Decision:** The document was **revised to S6-240496**.

**S6-240496 API based Instantiation for service API discovery**

*Type: pCR For: Approval  
 23.700-22 v0.1.0  
 Source: Huawei, Hisilicon*

(Replaces S6-240266)

**Decision:** The document was **revised to S6-240578**.

**S6-240578 API based Instantiation for service API discovery**

*Type: pCR For: Approval  
 23.700-22 v0.1.0  
 Source: Huawei, Hisilicon*

(Replaces S6-240496)

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

## 9 Rel-19 Work Items

### 9.1 enhMC - Enhanced Mission Critical Architecture for Rel-19

**S6-240033 Single Hop UE to UE Relay for MCX in 5G Systems**

*Type: CR For: Approval  
 23.280 v19.1.0 CR-0503 Cat: B (Rel-19)  
  
 Source: FirstNet, Nokia, Nokia Shanghai Bell, AT&T*

**Abstract:**

In release 18, SA2 completed a specification (TS23.304) that defined ProSe services for 5G systems. One of the new features included in the specification is support for UE-to-UE single hop relay. This CR provides the needed updates to TS 23.280 to take

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

**S6-240034 Reference Architecture for MCX Service Logging**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0504 Cat: B (Rel-19)  
  
 Source: Motorola Solutions UK Ltd.*

**Abstract:**

Addition of Reference Arch diagram for MCX Services Logging

**Decision:** The document was **revised to S6-240428**.

**S6-240428 Reference Architecture for MCX Service Logging**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0504 rev 1 Cat: B (Rel-19)  
  
 Source: Motorola Solutions UK Ltd.*

(Replaces S6-240034)

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

**S6-240037 Reference Points for MCX Services Logging**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0505 Cat: B (Rel-19)  
  
 Source: Motorola Solutions UK Ltd.*

**Abstract:**

Reference point descriptions for MCX Service Logging

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

**S6-240137 MBS service area update failure cause handling**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0519 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240138 Support both user list and criteria in a ad hoc group call**

*Type: CR For: Agreement  
 23.379 v19.1.0 CR-0410 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240139 Support both user list and criteria in a ad hoc group call**

*Type: CR For: Agreement  
 23.281 v19.1.0 CR-0213 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240140 Support both user list and criteria in a ad hoc group call**

*Type: CR For: Agreement  
 23.282 v19.1.0 CR-0346 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240161 Alignments regarding HTTP-3 and SIP-3**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0520 Cat: F (Rel-19)  
  
 Source: Ericsson*

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

**S6-240162 Minor corrections in clause 10.11**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0521 Cat: F (Rel-19)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-240427**.

**S6-240427 Minor corrections in clause 10.11**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0521 rev 1 Cat: F (Rel-19)  
  
 Source: Ericsson*

(Replaces S6-240162)

**Discussion:**

The only change is to change “network for”  “for network” in step 2 under Figure 10.11.2-1.

**Decision:** The document was **revised to S6-240446**.

**S6-240446 Minor corrections in clause 10.11**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0521 rev 2 Cat: F (Rel-19)  
  
 Source: Ericsson*

(Replaces S6-240427)

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

**S6-240163 APN for MC media**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0522 Cat: C (Rel-19)  
  
 Source: Ericsson*

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

**S6-240432 APN for MC media**

*Type: draftCR For: Agreement  
 23.280 v19.1.0 CR-0522 rev 1 Cat: C (Rel-19)  
  
 Source: Ericsson*

**Discussion:**

Initially reserved as revision of S6-240163.

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

**S6-240229 MBS service area update failure cause handling**

*Type: CR For: Agreement  
 23.289 v19.0.0 CR-0116 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240426 MBS service area update failure cause handling**

*Type: draftCR For: Agreement  
 23.289 v19.0.0 CR-0116 rev 1 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

Initially reserved as revision for S6-240229.

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

**S6-240230 Support both user list and criteria in a ad hoc group call-MCPTT**

*Type: CR For: Agreement  
 23.379 v19.1.0 CR-0414 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240231 Support both user list and criteria in a ad hoc group call-MCVideo**

*Type: CR For: Agreement  
 23.281 v19.1.0 CR-0215 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240232 Support both user list and criteria in a ad hoc group call-MCData**

*Type: CR For: Agreement  
 23.282 v19.1.0 CR-0348 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240242 MC Group ID(s) for location subscription and cancellation and affiliation in Location information**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0532 Cat: F (Rel-19)  
  
 Source: HOME OFFICE*

**Abstract:**

This CR proposes to clarify location information subscription, cancellation and reporting from group(s) of users and the ability to receive affiliation information with location information report.

**Decision:** The document was **revised to S6-240396**.

**S6-240396 MC Group ID(s) for location subscription and cancellation and affiliation in Location information**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0532 rev 1 Cat: F (Rel-19)  
  
 Source: HOME OFFICE*

(Replaces S6-240242)

**Abstract:**

This CR proposes to clarify location information subscription, cancellation and reporting from group(s) of users and the ability to receive affiliation information with location information report.

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

**S6-240248 Reporting success or failure of an ad hoc group emergency alert modify criteria request**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0537 Cat: F (Rel-19)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Adding a new IE ad hoc group emergency alert request return to report authorization result.

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

**S6-240249 Reporting success or failure of an ad hoc group emergency alert modify criteria request (multiple MC systems)**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0538 Cat: F (Rel-19)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Adding new steps in clause 10.10.3.4.4 to report authorisation result of the ad hoc group emergency alert modify request.

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

**S6-240288 Multiple logon device location reporting clarification**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0546 Cat: F (Rel-19)  
  
 Source: HOME OFFICE*

**Abstract:**

Clarifies that it would help if MC Service UE label is present and used when MC user logon from multiple user devices. Though it is clear from the description of MC Service UE label clause 8.1.6 TS 23.280, the description of this optional IE presence is

**Decision:** The document was **revised to S6-240397**.

**S6-240397 Multiple logon device location reporting clarification**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0546 rev 1 Cat: F (Rel-19)  
  
 Source: HOME OFFICE*

(Replaces S6-240288)

**Abstract:**

Clarifies that it would help if MC Service UE label is present and used when MC user logon from multiple user devices. Though it is clear from the description of MC Service UE label clause 8.1.6 TS 23.280, the description of this optional IE presence is

**Decision:** The document was **revised to S6-240440**.

**S6-240440 Multiple logon device location reporting clarification**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0546 rev 2 Cat: F (Rel-19)  
  
 Source: HOME OFFICE*

(Replaces S6-240397)

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

### 9.2 MCShAC - Sharing of administrative configuration between interconnected MC service systems

**S6-240094 ACM providing interconnection MC service group ID**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0506 Cat: B (Rel-19)  
  
 Source: BDBOS*

**Decision:** The document was **revised to S6-240433**.

**S6-240433 ACM providing interconnection MC service group ID**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0506 rev 1 Cat: B (Rel-19)  
  
 Source: BDBOS*

(Replaces S6-240094)

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

**S6-240113 ACM user migration management**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0507 Cat: B (Rel-19)  
  
 Source: BDBOS*

**Decision:** The document was **revised to S6-240434**.

**S6-240434 ACM user migration management**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0507 rev 1 Cat: B (Rel-19)  
  
 Source: BDBOS*

(Replaces S6-240113)

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

**S6-240115 ACM updating MC service UE initial configuration for migration**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0508 Cat: B (Rel-19)  
  
 Source: BDBOS*

**Decision:** The document was **revised to S6-240435**.

**S6-240435 ACM updating MC service UE initial configuration for migration**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0508 rev 1 Cat: B (Rel-19)  
  
 Source: BDBOS*

(Replaces S6-240115)

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

**S6-240116 ACM updating MC service user profiles assigned from partner MC system**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0509 Cat: B (Rel-19)  
  
 Source: BDBOS*

**Decision:** The document was **revised to S6-240436**.

**S6-240436 ACM updating MC service user profiles assigned from partner MC system**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0509 rev 1 Cat: B (Rel-19)  
  
 Source: BDBOS*

(Replaces S6-240116)

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

**S6-240389 Correction of Information Flow 10.17.2.5 - Group membership update response**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0549 Cat: F (Rel-19)  
  
 Source: BDBOS*

**Decision:** The document was **revised to S6-240437**.

**S6-240437 Correction of Information Flow 10.17.2.5 - Group membership update response**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0549 rev 1 Cat: F (Rel-19)  
  
 Source: BDBOS*

(Replaces S6-240389)

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

### 9.3 FRMCS\_Ph5 - Railways specific Enhancements to Mission Critical Services

**S6-240133 Corrections of the connection authorization**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0518 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240134 Correction of GW MC service ID**

*Type: CR For: Agreement  
 23.379 v19.1.0 CR-0409 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240135 Correction of GW MC service ID**

*Type: CR For: Agreement  
 23.281 v19.1.0 CR-0212 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240136 Correction of GW MC service ID**

*Type: CR For: Agreement  
 23.282 v19.1.0 CR-0345 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240225 Corrections of the connection authorization**

*Type: CR For: Agreement  
 23.280 v19.1.0 CR-0531 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240226 Correction of GW MC service ID-MCPTT**

*Type: CR For: Agreement  
 23.379 v19.1.0 CR-0413 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240227 Correction of GW MC service ID-MCVideo**

*Type: CR For: Agreement  
 23.281 v19.1.0 CR-0214 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240228 Correction of GW MC service ID-MCData**

*Type: CR For: Agreement  
 23.282 v19.1.0 CR-0347 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240243 Floor control priority when using multi-talker control**

*Type: CR For: Agreement  
 23.379 v19.1.0 CR-0400 rev 1 Cat: B (Rel-19)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-233580)

**Abstract:**

Adding floor request priority parameter per group when for groups using multi-talker floor control.

**Discussion:**

Category changed to F and CR title has been changed.

**Decision:** The document was **revised to S6-240441**.

**S6-240441 Correction on List of members which can talk in a multi-talker group**

*Type: CR For: Agreement  
 23.379 v19.1.0 CR-0400 rev 2 Cat: F (Rel-19)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-240243)

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

**S6-240255 Change list of participants when criteria was used to setup the ad hoc group call (MCPTT)**

*Type: CR For: Agreement  
 23.379 v19.1.0 CR-0401 rev 1 Cat: B (Rel-19)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-233581)

**Abstract:**

An authorised user can add or remove participants even when those do not meet or meet the criteria.

**Decision:** The document was **revised to S6-240429**.

**S6-240429 Change list of participants when criteria was used to setup the ad hoc group call (MCPTT)**

*Type: CR For: Agreement  
 23.379 v19.1.0 CR-0401 rev 2 Cat: B (Rel-19)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-240255)

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

**S6-240256 Change list of participants when criteria was used to setup the ad hoc group call (MCVideo)**

*Type: CR For: Agreement  
 23.281 v19.1.0 CR-0207 rev 1 Cat: B (Rel-19)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-233582)

**Abstract:**

An authorised user can add or remove participants even when those do not meet or meet the criteria.

**Decision:** The document was **revised to S6-240430**.

**S6-240430 Change list of participants when criteria was used to setup the ad hoc group call (MCVideo)**

*Type: CR For: Agreement  
 23.281 v19.1.0 CR-0207 rev 2 Cat: B (Rel-19)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-240256)

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

**S6-240257 Change list of participants when criteria was used to setup the ad hoc group call (MCData)**

*Type: CR For: Agreement  
 23.282 v19.1.0 CR-0342 rev 1 Cat: B (Rel-19)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-233583)

**Abstract:**

An authorised user can add or remove participants even when those do not meet or meet the criteria.

**Decision:** The document was **revised to S6-240431**.

**S6-240431 Change list of participants when criteria was used to setup the ad hoc group call (MCData)**

*Type: CR For: Agreement  
 23.282 v19.1.0 CR-0342 rev 2 Cat: B (Rel-19)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-240257)

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

**S6-240370 Information flows and procedures to support ad hoc group standalone file distribution using HTTP procedures**

*Type: CR For: Agreement  
 23.282 v19.1.0 CR-0349 Cat: B (Rel-19)  
  
 Source: Samsung*

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

**S6-240438 Information flows and procedures to support ad hoc group standalone file distribution using HTTP procedures**

*Type: draftCR For: Agreement  
 23.282 v19.1.0 CR-0349 rev 1 Cat: B (Rel-19)  
  
 Source: Samsung*

**Discussion:**

Initially reserved as revision of S6-240370.

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

**S6-240392 Re-determine the pre-configured group used for end-to-end security**

*Type: CR For: Agreement  
 23.379 v19.1.0 CR-0415 Cat: B (Rel-19)  
  
 Source: Samsung*

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

**S6-240439 Re-determine the pre-configured group used for end-to-end security**

*Type: draftCR For: Agreement  
 23.379 v19.1.0 CR-0415 rev 1 Cat: B (Rel-19)  
  
 Source: Samsung*

**Discussion:**

Initially reserved as revision of S6-240392.

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

### 9.4 5GMARCH\_Ph3 - Application Architecture for MSGin5G Service Phase 3

**S6-240084 Resolving\_EN\_52**

*Type: CR For: Agreement  
 23.554 v19.0.0 CR-0194 Cat: F (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240085 update of clause 8.11**

*Type: CR For: Agreement  
 23.554 v19.0.0 CR-0195 Cat: F (Rel-19)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **revised to S6-240537**.

**S6-240537 update of clause 8.11**

*Type: CR For: Agreement  
 23.554 v19.0.0 CR-0195 rev 1 Cat: F (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240085)

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

**S6-240182 Solve EN in 5.2**

*Type: CR For: Agreement  
 23.554 v19.0.0 CR-0202 Cat: C (Rel-19)  
  
 Source: China Mobile*

**Decision:** The document was **revised to S6-240500**.

**S6-240500 Solve EN in 5.2**

*Type: CR For: Agreement  
 23.554 v19.0.0 CR-0202 rev 1 Cat: C (Rel-19)  
  
 Source: China Mobile*

(Replaces S6-240182)

**Discussion:**

China Mobile presented the document.

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

**S6-240186 Remove EN in 8.1.2**

*Type: CR For: Agreement  
 23.554 v19.0.0 CR-0203 Cat: F (Rel-19)  
  
 Source: China Mobile*

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

**S6-240187 Application Server in Group messaging**

*Type: CR For: Agreement  
 23.554 v19.0.0 CR-0204 Cat: C (Rel-19)  
  
 Source: China Mobile*

**Decision:** The document was **revised to S6-240538**.

**S6-240538 Application Server in Group messaging**

*Type: CR For: Agreement  
 23.554 v19.0.0 CR-0204 rev 1 Cat: C (Rel-19)  
  
 Source: China Mobile*

(Replaces S6-240187)

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

### 9.5 EDGEAPP\_Ph3 - Architecture for enabling Edge Applications Phase 3

**S6-240103 Common EAS in partner ECSP**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0528 rev 1 Cat: B (Rel-19)  
  
 Source: Samsung*

(Replaces S6-233517)

**Abstract:**

In order to support discovery of common EAS from federated partners the present contribution proposes a.o. adding an IE "Application group profile" and some related wording.

**Discussion:**

Samsung presented the contribution.

Ericsson raised some concern with the text block addition.

Apple and Nokia suggested adding a further top level IE.

**Decision:** The document was **revised to S6-240658**.

**S6-240658 Common EAS in partner ECSP**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0528 rev 2 Cat: B (Rel-19)  
  
 Source: Samsung*

(Replaces S6-240103)

**Discussion:**

The only changes are:

- removing all changes from step 1 of clause 8.17.2.4.2.2 and

- removing the "(s)" from "AC profile(s)".

**Decision:** The document was **revised to S6-240776**.

**S6-240776 Common EAS in partner ECSP**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0528 rev 3 Cat: B (Rel-19)  
  
 Source: Samsung*

(Replaces S6-240658)

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

**S6-240104 Service continuity for common EAS (overload situation)**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0571 Cat: B (Rel-19)  
  
 Source: Samsung*

**Abstract:**

To support ACR for common EAS, EES needs to know all EECs associated with the ACs who are taking service from common EAS. Clause 8.5.2.2 is enhanced for EEC to perform EEC registration to the EES where common EAS is registered.

Common EAS related information is available with EDGEAPP entities (i.e. EES and EAS). The information can be used in ACR procedure to transfer application context and EEC context to discovered common T-EAS and to T-EES (where T-EAS is registered). The proposal is to start with one of the basic ACR scenario “S-EES executed ACR”.

- S-EAS need to inform S-EES to initiate ACR for all UEs for the specific application group due to overload situation. S-EES can also detect S-EAS performance and load based on ADAE analytics.

- Once T-EAS is discovered, S-EES pushes EEC context for the all identified UEs

- S-EES need to inform S-EAS to initiate ACT for all ACs

- S-EES need to inform all EECs about target EAS being common EAS.

**Discussion:**

Samsung presented the contribution.

Ericsson suggested clarifying the, in the first change mentioned, EEC registration.

Huawei raised concern about the benefit (vs cost) of the proposed mechanism.

**Decision:** The document was **revised to S6-240659**.

**S6-240659 Service continuity for common EAS (overload situation)**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0571 rev 1 Cat: B (Rel-19)  
  
 Source: Samsung*

(Replaces S6-240104)

**Decision:** The document was **revised to S6-240777**.

**S6-240777 Service continuity for common EAS (overload situation)**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0571 rev 2 Cat: B (Rel-19)  
  
 Source: Samsung*

(Replaces S6-240659)

**Decision:** The document was **revised to S6-240787**.

**S6-240787 Service continuity for common EAS (overload situation)**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0571 rev 3 Cat: B (Rel-19)  
  
 Source: Samsung*

(Replaces S6-240777)

**Decision:** The document was **revised to S6-240790**.

**S6-240790 Service continuity for common EAS (overload situation)**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0571 rev 4 Cat: B (Rel-19)  
  
 Source: Samsung*

(Replaces S6-240787)

**Discussion:**

The only change is correcting the spelling of "initiated".

**Decision:** The document was **revised to S6-240792**.

**S6-240792 Service continuity for common EAS (overload situation)**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0571 rev 5 Cat: B (Rel-19)  
  
 Source: Samsung*

(Replaces S6-240790)

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

**S6-240325 common EAS selection considering EAS service KPI**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0592 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

For the common EAS case, always connecting to the common EAS may not be the optimized. Thus, it should determine whether to connect to the common EAS or the local EAS to obtain better service.

The EAS discovery procedure should be enhanced for UE selecting whether to connect to the common EAS or local EAS.

The present contribution proposes enhancing the common EAS announcement procedure and EAS discovery procedure.

**Discussion:**

Huawei presented the document.

Ericsson thought there was not enough justification for the proposed change.

**Decision:** The document was **revised to S6-240660**.

**S6-240660 common EAS selection considering EAS service KPI**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0592 rev 1 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240325)

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

**S6-240323 Clarification on EAS discovery for group of UE**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0590 Cat: F (Rel-19)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

Currently, there is no clear scenario description on EAS discovery for group of UE, thus it is hard for readers to understand the feature.

The present contribution proposes adding the scenario description on the EAS discovery for group of UE.

**Discussion:**

Huawei presented the document.

**Decision:** The document was **revised to S6-240661**.

**S6-240661 Clarification on EAS discovery for group of UE**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0590 rev 1 Cat: F (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240323)

**Discussion:**

Comments from Ericsson.

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

**S6-240767 Clarification on EAS discovery for group of UE**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0590 rev 2 Cat: F (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240661)

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

**S6-240081 Discussion of instigating ACR at the edge enabler server (EES)**

*Type: discussion For: Discussion  
 Source: Vodafone*

**Abstract:**

TS 23.558 includes APIs and procedures to enable context relocation e.g., if a UE moves or if an application server needs to load balance. A trigger event that can be detected by the detection entity is needed to instigate such re-location.

Although TS 23.558 describes the EES as an entity that can play the detection role, no existing procedure allows the EES to instigate ACR, for example by monitoring UE location. This discussion paper summarizes TS 23.558 text related to the ACR detection role and proposes a new ACR management type that enables an EES to autonomously manage ACR.

**Discussion:**

Vodafone presented the document.

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

**S6-240082 Instigating ACR at the edge enabler server (EES)**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0561 Cat: C (Rel-19)  
  
 Source: Vodafone*

**Abstract:**

Allow an EES to use EAS service area to monitor UE location for ACR.

Cause an EES to subscribe to UE location area of interest as part of EAS discovery if "ACR control" management has been requested.

Indicate that the NEF monitoring event API can be used for ACR.

Add a new "ACR control" ACR management event to request the EES to instigate ACR if a UE moves out of an EAS service area.

Add steps to S-EES executed ACR to allow the S-EES to instigate ACR.

**Discussion:**

Vodafone presented the document.

**Decision:** The document was **revised to S6-240662**.

**S6-240662 Instigating ACR at the edge enabler server (EES)**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0561 rev 1 Cat: C (Rel-19)  
  
 Source: Vodafone*

(Replaces S6-240082)

**Discussion:**

Email comments.

**Decision:** The document was **revised to S6-240768**.

**S6-240768 Instigating ACR at the edge enabler server (EES)**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0561 rev 2 Cat: C (Rel-19)  
  
 Source: Vodafone*

(Replaces S6-240662)

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

**S6-240203 Procedure to select the optimal EAS in ACR**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0572 Cat: B (Rel-19)  
  
 Source: NTT DOCOMO*

**Abstract:**

When performing ACR, if there is no instantiated EAS, an EAS that can be instantiated (not instantiated) is selected, and ACR is performed after instantiated.

However, instantiation may cause ACR to take a long time, so while using a service that requires continuity, it should connect to an EAS that has already been instantiated.

Among the EAS that can be instantiated, there may be an EAS that satisfies EAS discovery service conditions and KPI confirmed during Authorization check, so the connection environment after ACR has not been taken into consideration.

The present contribution proposes enhancing the ACR procedure.

**Discussion:**

NTT DOCOMO presented the document.

Ericsson remarked they had problems understanding the logic behind the proposal.

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

**S6-240663 Procedure to select the optimal EAS in ACR**

*Type: draftCR For: Agreement  
 23.558 v19.0.0 CR-0572 rev 1 Cat: B (Rel-19)  
  
 Source: NTT DOCOMO*

**Discussion:**

Initially reserved as revision of S6-240203.

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

**S6-240326 EAS instantiation considering different ACR type**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0593 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

In previous meeting, the issue which the EAS instantiation should consider the ACR type is pending due to the EAS instantiation duration time calculation is not supported in SA5 yet.

Furthermore, in SA5 Meeting #152, the EAS instantiation duration time calculation is supported and the related CR S5-238238 is approved.

Thus, SA6 can further enhance the feature based on the progress in SA5.

The contribution proposes enhancing the service provisioning and EAS discovery procedure.

**Discussion:**

Huawei presented the document.

**Decision:** The document was **revised to S6-240692**.

**S6-240692 EAS instantiation considering different ACR type**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0593 rev 1 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240326)

**Decision:** The document was **revised to S6-240737**.

**S6-240737 EAS instantiation considering different ACR type**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0593 rev 2 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240692)

**Discussion:**

Only change adding InterDigital as co-signer.

**Decision:** The document was **revised to S6-240769**.

**S6-240769 EAS instantiation considering different ACR type**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0593 rev 3 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon, InterDigital*

(Replaces S6-240737)

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

**S6-240333 Service continuity**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0594 Cat: F (Rel-19)  
  
 Source: China Mobile*

**Discussion:**

China Mobile presented the document.

The only change is replacing "step2" with "step 2".

**Decision:** The document was **revised to S6-240691**.

**S6-240691 Service continuity**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0594 rev 1 Cat: F (Rel-19)  
  
 Source: China Mobile*

(Replaces S6-240333)

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

**S6-240102 Service Continuity for ENS**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0526 rev 3 Cat: B (Rel-19)  
  
 Source: Samsung, Ericsson*

(Replaces S6-233906)

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

**S6-240299 Service continuity in ENS via leading ECSP**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0586 Cat: B (Rel-19)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-240694**.

**S6-240694 Service continuity in ENS via leading ECSP**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0586 rev 1 Cat: B (Rel-19)  
  
 Source: Ericsson*

(Replaces S6-240299)

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

**S6-240240 Federation procedure for EES and EAS triggers**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0575 Cat: B (Rel-19)  
  
 Source: NTT DOCOMO*

**Discussion:**

NTT DOCOMO presented the document.

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

**S6-240693 Federation procedure for EES and EAS triggers**

*Type: draftCR For: Agreement  
 23.558 v19.0.0 CR-0575 rev 1 Cat: B (Rel-19)  
  
 Source: NTT DOCOMO*

**Discussion:**

Initially reserved as revision of S6-240240.

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

**S6-240322 Clarification on Federation**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0589 Cat: F (Rel-19)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

There is no clear scenario description on Federation, thus it is hard for readers to understand the feature.

The contribution proposes adding the scenario description on the Federation, and necessary feature description.

**Discussion:**

Huawei presented the document.

**Decision:** The document was **revised to S6-240695**.

**S6-240695 Clarification on Federation**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0589 rev 1 Cat: F (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240322)

**Decision:** The document was **revised to S6-240738**.

**S6-240738 Clarification on Federation**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0589 rev 2 Cat: F (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240695)

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

**S6-240300 Correct IE presence condition**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0587 Cat: F (Rel-19)  
  
 Source: Ericsson*

**Abstract:**

Some IE presence condition is not described properly like “only one of two Ies may be present” for optional Ies, w/o mentioning condition.

The contribution proposes changing it to “if present, only one of the two Ies shall be present”.

**Discussion:**

Ericsson presented the document.

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

**S6-240093 Resolving EN related to information collection between ECS-ER and partner ECS**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0564 Cat: B (Rel-19)  
  
 Source: NTT DOCOMO*

**Abstract:**

According to EN in clause 8.17.2.3.2, there is no specified procedure for ECS-ER to collect partner ECS information. To resolve the EN, additional functionality is needed for ECS-ER to collect partner ECS information.

The contribution proposes adding functionality for ECS-ER to collect partner ECS information.

**Discussion:**

NTT DOCOMO presented the document.

**Decision:** The document was **revised to S6-240696**.

**S6-240696 Resolving EN related to information collection between ECS-ER and partner ECS**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0564 rev 1 Cat: B (Rel-19)  
  
 Source: NTT DOCOMO*

(Replaces S6-240093)

**Discussion:**

Only changes are:

- remove changes over changes

- replacing "home" to "leading" and

- correct spelling of "partner".

**Decision:** The document was **revised to S6-240756**.

**S6-240756 Resolving EN related to information collection between ECS-ER and partner ECS**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0564 rev 2 Cat: B (Rel-19)  
  
 Source: NTT DOCOMO*

(Replaces S6-240696)

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

**S6-240324 Adding EAS synchronization definition**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0591 Cat: F (Rel-19)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

There are two kind of EAS synchronization, one is for the application context relocation, the S-EAS and T-EAS need to synchronize the UE’s application context; another one is uses for the group of UE, when a group of UE connect to different EASs, in such case these EAS need to synchronize the group UE’s application context

The contribution proposes adding required description about the EAS synchronization.

**Discussion:**

Huawei presented the document.

Ericsson suggested a different place for the additions.

Samsung was of the view that there was now confusion between synchronisation and transfer.

**Decision:** The document was **revised to S6-240697**.

**S6-240697 Adding EAS synchronization definition**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0591 rev 1 Cat: F (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240324)

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

**S6-240321 Clarification on bundle EAS**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0588 Cat: F (Rel-19)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

Currently, there is no clear scenario description on bundle EAS, thus it is hard for readers to understand the feature.

The contribution proposes adding the scenario description on the bundle EAS, and necessary feature description.

**Discussion:**

Huawei presented the document.

Samsung suggested clarifying the bundle handling.

**Decision:** The document was **revised to S6-240698**.

**S6-240698 Clarification on bundle EAS**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0588 rev 1 Cat: F (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240321)

**Decision:** The document was **revised to S6-240739**.

**S6-240739 Clarification on bundle EAS**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0588 rev 2 Cat: F (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240698)

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

**S6-240204 Federation procedure for EES and EAS triggers**

*Type: CR For: Agreement  
 23.558 v19.0.0 CR-0573 Cat: B (Rel-19)  
  
 Source: NTT DOCOMO INC..*

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

### 9.6 UASAPP\_Ph3 - Application Architecture for UAS applications Phase 3

**S6-240040 Support for real time UAV flight path monitoring**

*Type: CR For: Agreement  
 23.255 v19.0.0 CR-0050 rev 3 Cat: B (Rel-19)  
  
 Source: InterDigital*

(Replaces S6-233453)

**Decision:** The document was **revised to S6-240545**.

**S6-240545 Support for real time UAV flight path monitoring**

*Type: CR For: Agreement  
 23.255 v19.0.0 CR-0050 rev 4 Cat: B (Rel-19)  
  
 Source: InterDigital*

(Replaces S6-240040)

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

**S6-240048 Require QoS along UAV planned flight path**

*Type: CR For: Agreement  
 23.255 v19.0.0 CR-0052 Cat: B (Rel-19)  
  
 Source: Deutsche Telekom AG*

**Abstract:**

It is proposed to reuse the existing NSCE procedures, service flows and APIs for providing UAS functionality on reconfiguring network resources to provide the required QoS along a UAV planned flight path.

**Decision:** The document was **revised to S6-240546**.

**S6-240546 Require QoS along UAV planned flight path**

*Type: CR For: Agreement  
 23.255 v19.0.0 CR-0052 rev 1 Cat: B (Rel-19)  
  
 Source: Deutsche Telekom AG*

(Replaces S6-240048)

**Discussion:**

The only change is to add “2” in the affected clauses on the coversheet.

**Decision:** The document was **revised to S6-240548**.

**S6-240548 Require QoS along UAV planned flight path**

*Type: CR For: Agreement  
 23.255 v19.0.0 CR-0052 rev 2 Cat: B (Rel-19)  
  
 Source: Deutsche Telekom AG*

(Replaces S6-240546)

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

**S6-240388 Simultaneous link support for UTM-Navigated C2 and clarifications**

*Type: CR For: Agreement  
 23.255 v19.0.0 CR-0053 Cat: B (Rel-19)  
  
 Source: KPN N.V.*

**Discussion:**

The only changes are to add Deutsche Telekom as source and fill “Source to TSG” on the coversheet.

**Decision:** The document was **revised to S6-240547**.

**S6-240547 Simultaneous link support for UTM-Navigated C2 and clarifications**

*Type: CR For: Agreement  
 23.255 v19.0.0 CR-0053 rev 1 Cat: B (Rel-19)  
  
 Source: KPN N.V., Deutsche Telekom*

(Replaces S6-240388)

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

### 9.7 CAPIF\_EXT - Guidelines for CAPIF Usage

**S6-240158 Adoption of ETSI MEC for TR 23.946**

*Type: pCR For: Approval  
 23.946 v0.2.0  
 Source: NTT DOCOMO INC.*

**Decision:** The document was **revised to S6-240528**.

**S6-240528 Adoption of ETSI MEC for TR 23.946**

*Type: pCR For: Approval  
 23.946 v0.2.0  
 Source: NTT DOCOMO INC.*

(Replaces S6-240158)

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

**S6-240167 Open source implementation of CAPIF for TR 23.946**

*Type: pCR For: Approval  
 23.946 v0.2.0  
 Source: NTT DOCOMO INC.*

**Decision:** The document was **revised to S6-240529**.

**S6-240529 Open source implementation of CAPIF for TR 23.946**

*Type: pCR For: Approval  
 23.946 v0.2.0  
 Source: NTT DOCOMO INC.*

(Replaces S6-240167)

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

**S6-240171 Role of stakeholders for API exposure**

*Type: pCR For: Approval  
 23.946 v0.2.0  
 Source: NTT DOCOMO INC.*

**Decision:** The document was **revised to S6-240531**.

**S6-240531 Role of stakeholders for API exposure**

*Type: pCR For: Approval  
 23.946 v0.2.0  
 Source: NTT DOCOMO INC.*

(Replaces S6-240171)

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

**S6-240174 Use case of Smart Factory IoT Solution**

*Type: pCR For: Approval  
 23.946 v0.2.0  
 Source: NTT DOCOMO INC.*

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

**S6-240532 Use case of Smart Factory IoT Solution**

*Type: pCR For: Approval  
 23.946 v0.2.0  
 Source: NTT DOCOMO INC.*

**Discussion:**

Initially reserved for a revision of S6-240174.

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

**S6-240180 Use case of QoS modification in the game application by using RNAA**

*Type: pCR For: Approval  
 23.946 v0.2.0  
 Source: NTT DOCOMO INC.*

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

**S6-240184 Use case of location sharing on the location tracking application by using RNAA**

*Type: pCR For: Approval  
 23.946 v0.2.0  
 Source: NTT DOCOMO INC.*

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

**S6-240189 Summary for TR 23.946**

*Type: pCR For: Approval  
 23.946 v0.2.0  
 Source: NTT DOCOMO INC.*

**Decision:** The document was **revised to S6-240533**.

**S6-240533 Summary for TR 23.946**

*Type: pCR For: Approval  
 23.946 v0.2.0  
 Source: NTT DOCOMO INC.*

(Replaces S6-240189)

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

**S6-240384 Pseudo-CR on CAPIF Use Case of NEF publishing APIs**

*Type: pCR For: Approval  
 23.946 v0.2.0  
 Source: Vodafone*

**Decision:** The document was **revised to S6-240534**.

**S6-240534 Pseudo-CR on CAPIF Use Case of NEF publishing APIs**

*Type: pCR For: Approval  
 23.946 v0.2.0  
 Source: Vodafone*

(Replaces S6-240384)

**Discussion:**

The only change is adding Nokia, Nokia Shanghai Bell as co-signers.

**Decision:** The document was **revised to S6-240582**.

**S6-240582 Pseudo-CR on CAPIF Use Case of NEF publishing APIs**

*Type: pCR For: Approval  
 23.946 v0.2.0  
 Source: Vodafone, Nokia, Nokia Shanghai Bell*

(Replaces S6-240534)

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

### 9.8 SEALDD\_Ph2 - SEAL DD (Data Delivery) Phase 2

**S6-240267 Clarification on content delivery in SEALDD-S interface**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0029 Cat: F (Rel-19)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

This paper proposes to add the related description to clarify the content/data delivery in SEALDD-S interface.

**Decision:** The document was **revised to S6-240487**.

**S6-240487 Clarification on content delivery in SEALDD-S interface**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0029 rev 1 Cat: F (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240267)

**Discussion:**

Huawei presented the document.

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

**S6-240268 Clarification on media delivery functionality in SEALDD**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0030 Cat: F (Rel-19)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

This paper adds the related description to capture the procedure mapping between SEALDD and SA4, regarding of uplink media delivery and downlink media delivery.

**Decision:** The document was **revised to S6-240488**.

**S6-240488 Clarification on media delivery functionality in SEALDD**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0030 rev 1 Cat: F (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240268)

**Discussion:**

Huawei presented the document.

The only changes are replacing all occurrences of utilizes with integrates.

**Decision:** The document was **revised to S6-240562**.

**S6-240562 Clarification on media delivery functionality in SEALDD**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0030 rev 2 Cat: F (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240488)

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

**S6-240269 Clarification on SEALDD server discovery for SEALDD client**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0031 Cat: F (Rel-19)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

This paper proposes to add the related description about CNAME-based DNS mechanism to support the SEALDD server discovery and selection for the SEALDD client in EDN scenario.

**Decision:** The document was **revised to S6-240524**.

**S6-240524 Clarification on SEALDD server discovery for SEALDD client**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0031 rev 1 Cat: F (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240269)

**Discussion:**

Huawei presented the document.

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

**S6-240270 Discussion on SEALDD server discovery for SEALDD client**

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

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

**S6-240271 Seamless SEALDD relocation enhancement**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0032 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

This paper proposes the seamless SEALDD relocation enhancement procedure by interacting with the packet sequence number has been received, to provide the packet-granularity service continuity.

**Decision:** The document was **revised to S6-240525**.

**S6-240525 Seamless SEALDD relocation enhancement**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0032 rev 1 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240271)

**Discussion:**

Huawei presented the document.

Ericsson requested additional changes.

**Decision:** The document was **revised to S6-240563**.

**S6-240563 Seamless SEALDD relocation enhancement**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0032 rev 2 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240525)

**Decision:** The document was **revised to S6-240584**.

**S6-240584 Seamless SEALDD relocation enhancement**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0032 rev 3 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

(Replaces S6-240563)

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

**S6-240317 SEALDD Background data transfer**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0051 Cat: B (Rel-19)  
  
 Source: Ericsson*

**Abstract:**

A new SEALDD functionality, SEALDD Background data transfer, is introduced containing the procedures “SEALDD Background data transfer in DL direction”, “SEALDD Background data transfer in UL direction”, “SEALDD Background data transfer update” and “SEALDD Background data transfer delete”. Procedures, APIs and information flow for SEALDD Background data transfer (BDT) is specified.

**Decision:** The document was **revised to S6-240486**.

**S6-240486 SEALDD Background data transfer**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0051 rev 1 Cat: B (Rel-19)  
  
 Source: Ericsson*

(Replaces S6-240317)

**Discussion:**

Ericsson presented the document.

**Decision:** The document was **revised to S6-240566**.

**S6-240566 SEALDD Background data transfer**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0051 rev 2 Cat: B (Rel-19)  
  
 Source: Ericsson*

(Replaces S6-240486)

**Decision:** The document was **revised to S6-240583**.

**S6-240583 SEALDD Background data transfer**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0051 rev 3 Cat: B (Rel-19)  
  
 Source: Ericsson*

(Replaces S6-240566)

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

**S6-240318 Correct IE presence condition**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0052 Cat: F (Rel-19)  
  
 Source: Ericsson*

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

**S6-240319 NRM Network resource adaptation enhancement for BDT**

*Type: CR For: Agreement  
 23.434 v19.0.0 CR-0292 Cat: B (Rel-19)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-240523**.

**S6-240523 NRM Network resource adaptation enhancement for BDT**

*Type: CR For: Agreement  
 23.434 v19.0.0 CR-0292 rev 1 Cat: B (Rel-19)  
  
 Source: Ericsson*

(Replaces S6-240319)

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

**S6-240375 Enhancements to SEALDD architecture**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0053 Cat: B (Rel-19)  
  
 Source: Ericsson*

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

**S6-240485 Enhancements to SEALDD architecture**

*Type: draftCR For: Agreement  
 23.433 v19.0.0 CR-0053 rev 1 Cat: B (Rel-19)  
  
 Source: Ericsson*

**Discussion:**

Initially reserved as revision of S6-240375.

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

**S6-240376 E2E redundant transport for SEALDD using dual UE – dual UP**

*Type: CR For: Agreement  
 23.433 v19.0.0 CR-0054 Cat: B (Rel-19)  
  
 Source: Ericsson*

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

### 9.9 TEI19 - Technical Enhancements and Improvements for Release 19

**S6-240043 Align cross-references to the appropriate subclauses of TS 33.122**

*Type: CR For: Agreement  
 23.222 v19.0.0 CR-0151 Cat: D (Rel-19)  
  
 Source: Apple R&D*

**Abstract:**

Correct the cross references to align with TS 33.122, i.e., 6.4 & 6.5.2 rather than 6.5.2.3.

**Discussion:**

The only change is in NOTE of Table 8.15.2.1-1 to correct the spelling “secuirty” with “security”.

**Decision:** The document was **revised to S6-240535**.

**S6-240535 Align cross-references to the appropriate subclauses of TS 33.122**

*Type: CR For: Agreement  
 23.222 v19.0.0 CR-0151 rev 1 Cat: D (Rel-19)  
  
 Source: Apple R&D*

(Replaces S6-240043)

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

**S6-240044 Responsibilities of CAPIF API provider domain functions**

*Type: CR For: Agreement  
 23.222 v19.0.0 CR-0152 Cat: F (Rel-19)  
  
 Source: Vodafone*

**Discussion:**

The only change is adding “TEI19” work item code on the coversheet.

**Decision:** The document was **revised to S6-240536**.

**S6-240536 Responsibilities of CAPIF API provider domain functions**

*Type: CR For: Agreement  
 23.222 v19.0.0 CR-0152 rev 1 Cat: F (Rel-19)  
  
 Source: Vodafone*

(Replaces S6-240044)

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

**S6-240379 Correction cardinality IE service API unpublish for CAPIF interconnection**

*Type: CR For: Agreement  
 23.222 v19.0.0 CR-0158 Cat: F (Rel-19)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S6-240497**.

**S6-240497 Correction cardinality IE service API unpublish for CAPIF interconnection**

*Type: CR For: Agreement  
 23.222 v19.0.0 CR-0158 rev 1 Cat: F (Rel-19)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-240379)

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

**S6-240141 MBS service area update failure cause handling at NRM**

*Type: CR For: Agreement  
 23.434 v19.0.0 CR-0282 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240194 Termination indication in the SS\_NetworkResourceMonitoring API**

*Type: CR For: Agreement  
 23.434 v19.0.0 CR-0286 Cat: B (Rel-19)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-240526**.

**S6-240526 Termination indication in the SS\_NetworkResourceMonitoring API**

*Type: CR For: Agreement  
 23.434 v19.0.0 CR-0286 rev 1 Cat: B (Rel-19)  
  
 Source: Ericsson*

(Replaces S6-240194)

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

**S6-240195 Monitoring profiles in the SS\_NetworkResourceMonitoring API**

*Type: CR For: Agreement  
 23.434 v19.0.0 CR-0287 Cat: B (Rel-19)  
  
 Source: Ericsson*

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

**S6-240527 Monitoring profiles in the SS\_NetworkResourceMonitoring API**

*Type: draftCR For: Agreement  
 23.434 v19.0.0 CR-0287 rev 1 Cat: B (Rel-19)  
  
 Source: Ericsson*

**Discussion:**

Initially reserved as revision of S6-240195.

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

**S6-240233 MBS service area update failure cause handling at NRM**

*Type: CR For: Agreement  
 23.434 v19.0.0 CR-0288 Cat: B (Rel-19)  
  
 Source: Huawei, Hisilicon*

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

**S6-240369 EEL reliability for service differentiation**

*Type: CR For: Approval  
 23.558 v19.0.0 CR-0597 Cat: B (Rel-19)  
  
 Source: Convida Wireless LLC*

**Abstract:**

AC Profile and EAS profile are enhanced with optional reliability requirements

EES Profile and EDN configuration are enhanced with optional EES reliability configuration

It is clarified that determination by the EES of its overall reliability support is obtained by EES from local policies and may be based on the requirements of the supported applications. An EN clarifies that it is FFS whether EES reliability configuration, which may include EES set configuration, is obtained by EES from ECS, MnS, or both.

**Discussion:**

Convida presented the document.

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

**S6-240386 Enhancements to Slice requirement verification and alignment capability**

*Type: CR For: (not specified)  
 23.435 v19.0.0 CR-0017 Cat: B (Rel-19)  
  
 Source: Ericsson Inc.*

**Decision:** The document was **revised to S6-240518**.

**S6-240518 Enhancements to Slice requirement verification and alignment capability**

*Type: CR For: -  
 23.435 v19.0.0 CR-0017 rev 1 Cat: B (Rel-19)  
  
 Source: Ericsson Inc.*

(Replaces S6-240386)

**Decision:** The document was **revised to S6-240565**.

**S6-240565 Enhancements to Slice requirement verification and alignment capability**

*Type: CR For: -  
 23.435 v19.0.0 CR-0017 rev 2 Cat: B (Rel-19)  
  
 Source: Ericsson Inc.*

(Replaces S6-240518)

**Discussion:**

The only changes are:

- replacing in 9.16.2.1 step 1 "reporting criteria trigger" with 1. in step 1 with "reporting criteria" and

- replacing in table 9.16.3.2-1 "reporting criteria trigger" with 1. in step 1 with "reporting criteria"

**Decision:** The document was **revised to S6-240778**.

**S6-240778 Enhancements to Slice requirement verification and alignment capability**

*Type: CR For: -  
 23.435 v19.0.0 CR-0017 rev 3 Cat: B (Rel-19)  
  
 Source: Ericsson Inc.*

(Replaces S6-240565)

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

## 10 Future work / New WIDs / Revised WIDs (including related contributions)

**S6-240287 Revised SID on study on enhanced application layer support for location services**

*Type: SID revised For: Approval  
 Source: CATT*

**Decision:** The document was **revised to S6-240664**.

**S6-240664 Revised SID on study on enhanced application layer support for location services**

*Type: SID revised For: Approval  
 Source: CATT*

(Replaces S6-240287)

**Discussion:**

CATT presented the document.

**Decision:** The document was **revised to S6-240736**.

**S6-240736 Revised SID on study on enhanced application layer support for location services**

*Type: SID revised For: Approval  
 Source: CATT*

(Replaces S6-240664)

**Decision:** The document was **revised to S6-240780**.

**S6-240780 Revised SID on study on enhanced application layer support for location services**

*Type: SID revised For: Approval  
 Source: CATT*

(Replaces S6-240736)

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

**S6-240353 Revised SID on application enablement for Satellite access enabled 5G services**

*Type: SID revised For: Approval  
 Source: Samsung*

(Replaces SP-231738)

**Discussion:**

Samsung presented the document.

**Decision:** The document was **revised to S6-240411**.

**S6-240411 Revised SID on application enablement for Satellite access enabled 5G services**

*Type: SID revised For: Approval  
 Source: Samsung*

(Replaces S6-240353)

**Decision:** The document was **revised to S6-240586**.

**S6-240586 Revised SID on application enablement for Satellite access enabled 5G services**

*Type: SID revised For: Approval  
 Source: Samsung*

(Replaces S6-240411)

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

## 11 Work Plan review

**S6-240006 SA6#59 Work Plan Review**

*Type: Work Plan For: Discussion  
 Source: SA6 Chair*

**Abstract:**

SA6#59 Work Plan Review

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

**S6-240028 Leadership Transition**

*Type: other For: Information  
 Source: SA6 Chair*

**Discussion:**

The chair presented the Leadership Transition document.

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

**S6-240452 Not used - reserved for breakout**

*Type: other For: discussion  
 Source: na*

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

**S6-240453 Not used - reserved for breakout**

*Type: other For: discussion  
 Source: na*

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

**S6-240454 Not used - reserved for breakout**

*Type: other For: discussion  
 Source: na*

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

**S6-240455 Not used - reserved for breakout**

*Type: other For: discussion  
 Source: na*

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

**S6-240456 Not used - reserved for breakout**

*Type: other For: discussion  
 Source: na*

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

**S6-240457 Not used - reserved for breakout**

*Type: other For: discussion  
 Source: na*

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

**S6-240458 Not used - reserved for breakout**

*Type: other For: discussion  
 Source: na*

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

**S6-240459 Not used - reserved for breakout**

*Type: other For: discussion  
 Source: na*

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

**S6-240460 Not used - reserved for breakout**

*Type: other For: discussion  
 Source: na*

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

**S6-240461 Not used - reserved for breakout**

*Type: other For: discussion  
 Source: na*

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

**S6-240462 Not used - reserved for breakout**

*Type: other For: discussion  
 Source: na*

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

**S6-240463 Not used - reserved for breakout**

*Type: other For: discussion  
 Source: na*

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

**S6-240464 Not used - reserved for breakout**

*Type: other For: discussion  
 Source: na*

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

**S6-240465 Not used - reserved for breakout**

*Type: other For: discussion  
 Source: na*

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

**S6-240466 Not used - reserved for breakout**

*Type: other For: discussion  
 Source: na*

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

**S6-240467 Not used - reserved for breakout**

*Type: other For: discussion  
 Source: na*

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

**S6-240468 Not used - reserved for breakout**

*Type: other For: discussion  
 Source: na*

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

**S6-240469 Not used - reserved for breakout**

*Type: other For: discussion  
 Source: na*

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

**S6-240470 Not used - reserved for breakout**

*Type: other For: discussion  
 Source: na*

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

**S6-240471 Not used - reserved for breakout**

*Type: other For: discussion  
 Source: na*

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

## 12 Future meetings

See Annex I.

## 13 AOB

## 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 |
| S6-240001 | SA6 Meeting 59 - Agenda | SA6 Chair | noted |  |  |
| S6-240002 | SA6 Meeting 58 Report | MCC | approved |  |  |
| S6-240003 | SA6 Meeting #59 - Agenda with Tdocs allocation after submission deadline | SA6 Chair | noted |  |  |
| S6-240004 | SA6 Meeting #59 - Agenda with Tdocs allocation at start of the meeting | SA6 Chair | approved |  |  |
| S6-240005 | SA6 Meeting #59 - Chair's notes at end of the meeting | SA6 Chair | noted |  |  |
| S6-240006 | SA6#59 Work Plan Review | SA6 Chair | noted |  |  |
| S6-240007 | LS on Clarification related to the information exposed by the 5GC to NSCE server | CT3 | noted |  |  |
| S6-240008 | LS on Ranging/SL Positioning service exposure security and privacy check | SA2 | noted |  |  |
| S6-240009 | LS on the implementation of the SS\_VALServiceData API | CT3 | postponed |  |  |
| S6-240010 | Reply LS on clarifications on V2X, UAS and SEAL entities acting as EAS | CT3 | replied to |  |  |
| S6-240011 | Reply LS on CAPIF extensibility | CT3 | noted |  |  |
| S6-240012 | Reply LS on questions related to SEALDD APIs | CT1 | noted |  |  |
| S6-240013 | LS on service authorization for/to partner MC system | CT1 | replied to |  |  |
| S6-240014 | LS reply on inputs for mapping GSMA OPG architecture roles with 3GPP defined Edge architectures | SA5 | noted |  |  |
| S6-240015 | LS to SA2 on QoS to Carrier Mapping for SL CA | RAN2 | noted |  |  |
| S6-240016 | LS reply on LS on MSISDN exposure to trusted AF | GSMA OPG | noted |  |  |
| S6-240017 | Response LS to 3GPP CT3 on CAPIF extensibility | ETSI MEC | noted |  |  |
| S6-240018 | LS on collaboration and alignment of 3GPP defined application enablers with GSMA Open Gateway | SA | noted |  |  |
| S6-240019 | LS on A-DCCF, A-ADRF and ADAES services | CT3 | replied to |  |  |
| S6-240020 | Reply LS on CAPIF extensibility | CT3 | noted |  |  |
| S6-240021 | LS on Issues related to ADAE server APIs | CT3 | replied to |  |  |
| S6-240022 | LS on Application traffic influence trigger from EAS | CT3 | postponed |  |  |
| S6-240023 | Reply to LS on 3GPP work on energy efficiency | SA4 | noted |  |  |
| S6-240024 | Reply LS on QoS to Carrier Mapping for SL CA | SA2 | noted |  |  |
| S6-240025 | LS on limited MSISDN exposure | SA2 | noted |  |  |
| S6-240026 | Reply LS on Coordination of work for UAS\_Ph3 | SA2 | noted |  |  |
| S6-240027 | SA6 Chair Report from SA#102 | SA6 Chair | noted |  |  |
| S6-240028 | Leadership Transition | SA6 Chair | noted |  |  |
| S6-240029 | A Constrained UE cannot be triggered | one2many B.V. | revised |  | S6-240031 |
| S6-240030 | A Constrained UE cannot be triggered | one2many | not pursued |  |  |
| S6-240031 | A Constrained UE cannot be triggered | one2many | not pursued | S6-240029 |  |
| S6-240032 | Pseudo-CR on Key Issue on application enablement of public safety over 5GS satellite | FirstNet | withdrawn |  |  |
| S6-240033 | Single Hop UE to UE Relay for MCX in 5G Systems | FirstNet, Nokia, Nokia Shanghai Bell, AT&T | noted |  |  |
| S6-240034 | Reference Architecture for MCX Service Logging | Motorola Solutions UK Ltd. | revised |  | S6-240428 |
| S6-240035 | LS reply on inputs for mapping GSMA OPG architecture roles with 3GPP defined Edge architectures | SA5 | withdrawn |  |  |
| S6-240036 | LS on alignment of 3GPP EDGEAPP, ETSI MEC and GSMA OP architectures | SA5 | postponed |  |  |
| S6-240037 | Reference Points for MCX Services Logging | Motorola Solutions UK Ltd. | postponed |  |  |
| S6-240038 | AI/ML model lifecycle management | TNO | revised |  | S6-240648 |
| S6-240039 | Solution 5 Update | TNO | merged |  | S6-240676 |
| S6-240040 | Support for real time UAV flight path monitoring | InterDigital | revised | S6-233453 | S6-240545 |
| S6-240041 | MCPTT Logging Reference Architecture. | Motorola Solutions UK Ltd. | withdrawn |  |  |
| S6-240042 | Reference points for MCPTT Service Logging. | Motorola Solutions UK Ltd. | withdrawn |  |  |
| S6-240043 | Align cross-references to the appropriate subclauses of TS 33.122 | Apple R&D | revised |  | S6-240535 |
| S6-240044 | Responsibilities of CAPIF API provider domain functions | Vodafone | revised |  | S6-240536 |
| S6-240045 | Discussion of terms "resource owner" and "resource owner client" | Vodafone | noted |  |  |
| S6-240046 | Consistent use of term "resource owner" | Vodafone | revised |  | S6-240501 |
| S6-240047 | Consistent use of term "resource owner" | Vodafone | revised |  | S6-240502 |
| S6-240048 | Require QoS along UAV planned flight path | Deutsche Telekom AG | revised |  | S6-240546 |
| S6-240049 | Resolve Editor's note on simultaneous PSA connectivity in ACR | Vodafone | postponed |  | - |
| S6-240050 | Resolve Editor's note on simultaneous PSA connectivity in ACR | Vodafone | postponed |  | - |
| S6-240051 | Resolving EN on PEGC/PEMC authorization | InterDigital Inc. | revised |  | S6-240539 |
| S6-240052 | Resolving EN on CAPIF usage | InterDigital Inc., Nokia, Nokia Shanghai Bell | revised |  | S6-240540 |
| S6-240053 | Resolving EN on enhanced PIN security aspects | InterDigital Inc. | revised |  | S6-240541 |
| S6-240054 | Resolving EN on Annex A.1 | InterDigital Inc. | revised |  | S6-240542 |
| S6-240055 | Correction in S-EES executed ACR to CAS | InterDigital Inc. | revised |  | S6-240607 |
| S6-240056 | Correction in S-EES executed ACR to CAS | InterDigital Inc. | revised |  | S6-240608 |
| S6-240057 | Correction to EAS Information Provisioning request type | InterDigital Inc. | postponed |  |  |
| S6-240058 | Correction to EAS Information Provisioning request type | InterDigital Inc. | postponed |  |  |
| S6-240059 | New solution on AIML operation splitting | InterDigital, Europe, Ltd. | revised |  | S6-240673 |
| S6-240060 | Metaverse enablement layer architecture | InterDigital, Europe, Ltd. | revised |  | S6-240623 |
| S6-240061 | New solution on spatial anchor discovery | InterDigital, Europe, Ltd. | revised |  | S6-240624 |
| S6-240062 | Editorial correction for topology hiding | ZTE Corporation | not pursued |  |  |
| S6-240063 | Editorial correction for topology hiding | ZTE Corporation | not pursued |  |  |
| S6-240064 | Editorial correction for topology hiding | ZTE Corporation | revised |  | S6-240489 |
| S6-240065 | KI Autonomous Virtual Human management | ZTE Corporation | revised |  | S6-240627 |
| S6-240066 | KI Coordination XRAPP with MetaverseAPP | ZTE Corporation | revised |  | S6-240634 |
| S6-240067 | KI Digital twin | ZTE Corporation | revised |  | S6-240628 |
| S6-240068 | KI Edge computing for Metaverse | ZTE Corporation | revised |  | S6-240640 |
| S6-240069 | KI Spatial mapping | ZTE Corporation | revised |  | S6-240635 |
| S6-240070 | KI Edge computing for XR | ZTE Corporation | revised |  | S6-240681 |
| S6-240071 | KI PIN for AR Glasses tethering | ZTE Corporation | revised |  | S6-240682 |
| S6-240072 | KI XR services with avatar | ZTE Corporation | postponed |  |  |
| S6-240073 | Correcting flow name for ad hoc group call in MCVideo | Hytera Communications Corp. | agreed |  |  |
| S6-240074 | Correcting flow name for ad hoc group call in MCVideo | Hytera Communications Corp. | agreed |  |  |
| S6-240075 | Remove EDN information in EES Profile | Samsung | postponed | S6-233480 | - |
| S6-240076 | Remove EDN information in EES Profile | Samsung | postponed |  | - |
| S6-240077 | Remove EN on EAS ID definition | Samsung | agreed |  |  |
| S6-240078 | Remove EN on EAS ID definition | Samsung | agreed |  |  |
| S6-240079 | Remove EN on EEC triggering service parameter | Samsung | revised |  | S6-240611 |
| S6-240080 | Discussion of Editor's note on simultaneous PSA connectivity in ACR | Vodafone | noted |  |  |
| S6-240081 | Discussion of instigating ACR at the edge enabler server (EES) | Vodafone | noted |  |  |
| S6-240082 | Instigating ACR at the edge enabler server (EES) | Vodafone | revised |  | S6-240662 |
| S6-240083 | Alignments of 23.289 Rel-18 with other specs | AT&T Labs, Inc | revised |  | S6-240417 |
| S6-240084 | Resolving\_EN\_52 | Huawei, Hisilicon | merged |  | S6-240500 |
| S6-240085 | update of clause 8.11 | Huawei, Hisilicon | revised |  | S6-240537 |
| S6-240086 | Delete the element of UE service ID in the Constrained device selecting MSGin5G Gateway UE procedure | Huawei, Hisilicon | postponed |  |  |
| S6-240087 | Updates APIs provided by MSGin5G Server | Huawei, Hisilicon | not pursued |  |  |
| S6-240088 | New KI on Application Enablement for satellite access enabled Public Warning System (PWS) | TNO | not pursued |  |  |
| S6-240089 | Correction of authorization | vivo | revised |  | S6-240543 |
| S6-240090 | Correction of Additional PEMCs | vivo | revised |  | S6-240544 |
| S6-240091 | Correction on ECS registration procedure | Samsung | revised |  | S6-240612 |
| S6-240092 | Correction on ECS registration procedure | Samsung | agreed |  | S6-240613 |
| S6-240093 | Resolving EN related to information collection between ECS-ER and partner ECS | NTT DOCOMO | revised |  | S6-240696 |
| S6-240094 | ACM providing interconnection MC service group ID | BDBOS | revised |  | S6-240433 |
| S6-240095 | Common EAS procedures – putting together | Samsung, Apple | revised |  | S6-240614 |
| S6-240096 | Common EAS procedures – putting together | Samsung, Apple | revised |  | S6-240615 |
| S6-240097 | Fix for allowed MNO details IE | Samsung | revised |  | S6-240616 |
| S6-240098 | Fix for allowed MNO details IE | Samsung | revised |  | S6-240617 |
| S6-240099 | Fix for common EAS aspects for service provisioning procedure | Samsung | revised |  | S6-240618 |
| S6-240100 | Fix for common EAS aspects for service provisioning procedure | Samsung | revised |  | S6-240619 |
| S6-240101 | Updates to role mapping between EDGEAPP and GSMA | Samsung | revised |  | S6-240657 |
| S6-240102 | Service Continuity for ENS | Samsung, Ericsson | merged | S6-233906 | S6-240694 |
| S6-240103 | Common EAS in partner ECSP | Samsung | revised | S6-233517 | S6-240658 |
| S6-240104 | Service continuity for common EAS (overload situation) | Samsung | revised |  | S6-240659 |
| S6-240105 | Solution for KI#5 Support for of AI/ML operation splitting between AI/ML endpoints | Samsung | revised |  | S6-240674 |
| S6-240106 | Pseudo-CR on key issue related to model distribution | Samsung | revised |  | S6-240665 |
| S6-240107 | Solution for spatial anchors management | Samsung | revised |  | S6-240625 |
| S6-240108 | Discussion on Avatar management | Samsung | revised |  | S6-240347 |
| S6-240109 | new KI on Avatar profile management | Samsung | merged |  | S6-240631 |
| S6-240110 | new KI on EDGEAPP enhancement | Samsung | revised |  | S6-240632 |
| S6-240111 | Discussion on support for content discovery | Samsung | noted |  |  |
| S6-240112 | new KI on support for content discovery | Samsung | postponed |  | - |
| S6-240113 | ACM user migration management | BDBOS | revised |  | S6-240434 |
| S6-240114 | IE Name and Reference Corrections | China Mobile Com. Corporation | agreed |  | S6-240519 |
| S6-240115 | ACM updating MC service UE initial configuration for migration | BDBOS | revised |  | S6-240435 |
| S6-240116 | ACM updating MC service user profiles assigned from partner MC system | BDBOS | revised |  | S6-240436 |
| S6-240117 | KI of Call control conflict handling | China Mobile Com. Corporation | postponed |  | - |
| S6-240118 | KI of Coordination between direct UE connection and network based connection for AR/VR services | China Mobile Com. Corporation | revised |  | S6-240683 |
| S6-240119 | KI of Efficient XR content delivery | China Mobile Com. Corporation | revised |  | S6-240684 |
| S6-240120 | LS on Clarification related to MC gateway UE requirements | Huawei, Hisilicon | revised |  | S6-240409 |
| S6-240121 | Reply LS on clarifications on V2X, UAS and SEAL entities acting as EAS | Huawei, Hisilicon | revised |  | S6-240401 |
| S6-240122 | Void the clause 10.6.2.9.3.3 | Huawei, Hisilicon | revised |  | S6-240419 |
| S6-240123 | Void the clause 10.6.2.9.3.3 | Huawei, Hisilicon | revised |  | S6-240420 |
| S6-240124 | MC gateway UE discussion and way forward | Huawei, Hisilicon | noted |  |  |
| S6-240125 | Clarification on MC GW UE features | Huawei, Hisilicon | postponed |  |  |
| S6-240126 | Clarification on MC GW UE features | Huawei, Hisilicon | postponed |  |  |
| S6-240127 | Functional model update and clarification | Huawei, Hisilicon | postponed |  |  |
| S6-240128 | Functional model update and clarification | Huawei, Hisilicon | postponed |  |  |
| S6-240129 | Clarification on MC gateway UE definition | Huawei, Hisilicon | postponed |  |  |
| S6-240130 | Clarification on MC gateway UE definition | Huawei, Hisilicon | postponed |  |  |
| S6-240131 | Corrections to the IP model figures | Huawei, Hisilicon | revised |  | S6-240421 |
| S6-240132 | Corrections to the IP model figures | Huawei, Hisilicon | revised |  | S6-240422 |
| S6-240133 | Corrections of the connection authorization | Huawei, Hisilicon | postponed |  |  |
| S6-240134 | Correction of GW MC service ID | Huawei, Hisilicon | postponed |  |  |
| S6-240135 | Correction of GW MC service ID | Huawei, Hisilicon | postponed |  |  |
| S6-240136 | Correction of GW MC service ID | Huawei, Hisilicon | postponed |  |  |
| S6-240137 | MBS service area update failure cause handling | Huawei, Hisilicon | withdrawn |  |  |
| S6-240138 | Support both user list and criteria in a ad hoc group call | Huawei, Hisilicon | merged |  | S6-240429 |
| S6-240139 | Support both user list and criteria in a ad hoc group call | Huawei, Hisilicon | merged |  | S6-240430 |
| S6-240140 | Support both user list and criteria in a ad hoc group call | Huawei, Hisilicon | merged |  | S6-240431 |
| S6-240141 | MBS service area update failure cause handling at NRM | Huawei, Hisilicon | postponed |  |  |
| S6-240142 | Fault diagnosis subscription request | Huawei, Hisilicon | revised |  | S6-240512 |
| S6-240143 | Fault diagnosis subscription request | Huawei, Hisilicon | revised |  | S6-240513 |
| S6-240144 | Add late notification to the network slice adaptation procedures | Huawei, Hisilicon | revised |  | S6-240514 |
| S6-240145 | Add late notification to the network slice adaptation procedures | Huawei, Hisilicon | revised |  | S6-240515 |
| S6-240146 | pCR on solution of eMMTel architecture | Huawei, Hisilicon | merged |  | S6-240554 |
| S6-240147 | pCR on key issue #1 update | Huawei, Hisilicon | postponed |  | - |
| S6-240148 | New KI on Managing resource owner consent | Apple R&D | revised |  | S6-240491 |
| S6-240149 | Reply LS on Clarification related to the information exposed by the 5GC to NSCE server | China Mobile E-Commerce Co. | postponed |  |  |
| S6-240150 | General application enablement architecture requirements | China Mobile E-Commerce Co. | approved |  |  |
| S6-240151 | Application enablement architecture for XR services | China Mobile E-Commerce Co. | revised |  | S6-240679 |
| S6-240152 | New KI on multi-modal service ID | China Mobile E-Commerce Co. | postponed |  | S6-240685 |
| S6-240153 | New KI on transmission enhancement for encrypted traffic | China Mobile E-Commerce Co. | postponed |  | S6-240686 |
| S6-240154 | Sol for KI#1 & KI#2 multi-modal flows alignment | China Mobile | postponed |  | S6-240701 |
| S6-240155 | Business relationship for XR services | China Mobile E-Commerce Co. | revised |  | S6-240708 |
| S6-240156 | FS\_XRAPP- Status and work plan | China Mobile E-Commerce Co. | noted |  |  |
| S6-240157 | New KI on service continuity for edge computing | China Mobile E-Commerce Co. | merged |  | S6-240602 |
| S6-240158 | Adoption of ETSI MEC for TR 23.946 | NTT DOCOMO INC. | revised |  | S6-240528 |
| S6-240159 | MBS service area handling | Ericsson | postponed |  | S6-240423 |
| S6-240160 | MBS service area handling (mirror) | Ericsson | postponed |  | - |
| S6-240161 | Alignments regarding HTTP-3 and SIP-3 | Ericsson | agreed |  |  |
| S6-240162 | Minor corrections in clause 10.11 | Ericsson | revised |  | S6-240427 |
| S6-240163 | APN for MC media | Ericsson | postponed |  | - |
| S6-240164 | Pseudo-CR on new KI on satellite access support for MC services | Ericsson | revised |  | S6-240604 |
| S6-240165 | pCR on solution of eMMTel Enabler architecture | China Mobile Com. Corporation | revised |  | S6-240472 |
| S6-240166 | pCR on eMMTel high level architecture align with 3GPP TS 23.228 | China Mobile Com. Corporation | revised |  | S6-240473 |
| S6-240167 | Open source implementation of CAPIF for TR 23.946 | NTT DOCOMO INC. | revised |  | S6-240529 |
| S6-240168 | pCR on eMMTel high level architecture align with GSMA NG.134 | China Mobile Com. Corporation | revised |  | S6-240474 |
| S6-240169 | pCR on eMMTel high level architecture align with GSMA TGY.02 | China Mobile Com. Corporation | revised |  | S6-240475 |
| S6-240170 | pCR on eMMTel high level architecture align with GSMA TS.66 | China Mobile Com. Corporation | revised |  | S6-240476 |
| S6-240171 | Role of stakeholders for API exposure | NTT DOCOMO INC. | revised |  | S6-240531 |
| S6-240172 | pCR on Solution of configuration of DC application profile | China Mobile (Hangzhou) Inf. | revised | S6-234036 | S6-240590 |
| S6-240173 | pCR on Solution of downloading data channel application to UE | China Mobile (Hangzhou) Inf. | revised | S6-234074 | S6-240589 |
| S6-240174 | Use case of Smart Factory IoT Solution | NTT DOCOMO INC. | postponed |  | - |
| S6-240175 | Update of KI on exposure of user sensitive information | China Mobile Com. Corporation | revised |  | S6-240637 |
| S6-240176 | Correction on Message response | China Mobile | revised |  | S6-240498 |
| S6-240177 | Correction on Message response | China Mobile | revised |  | S6-240499 |
| S6-240178 | Correction on supported MSGin5G segment size and he procedure of segmentation | China Mobile Com. Corporation | agreed |  |  |
| S6-240179 | Correction on supported MSGin5G segment size and he procedure of segmentation | China Mobile | agreed |  |  |
| S6-240180 | Use case of QoS modification in the game application by using RNAA | NTT DOCOMO INC. | postponed |  |  |
| S6-240181 | pCR on Solution of Application calling service | Huawei, HiSilicon | revised |  | S6-240477 |
| S6-240182 | Solve EN in 5.2 | China Mobile | revised |  | S6-240500 |
| S6-240183 | pCR on Abbreviations | Huawei, HiSilicon | approved |  |  |
| S6-240184 | Use case of location sharing on the location tracking application by using RNAA | NTT DOCOMO INC. | not pursued |  |  |
| S6-240185 | pCR on key issue of data channel application related capability exposure | Huawei, HiSilicon | revised |  | S6-240592 |
| S6-240186 | Remove EN in 8.1.2 | China Mobile | agreed |  |  |
| S6-240187 | Application Server in Group messaging | China Mobile | revised |  | S6-240538 |
| S6-240188 | Correction of Area of interest | China Mobile E-Commerce Co. | revised |  | S6-240516 |
| S6-240189 | Summary for TR 23.946 | NTT DOCOMO INC. | revised |  | S6-240533 |
| S6-240190 | Reply LS on the implementation of the SS\_VALServiceData API | Ericsson | postponed |  |  |
| S6-240191 | UE identifiers correction in the SS\_LocationAreaInfoRetrieval API | Ericsson | revised |  | S6-240447 |
| S6-240192 | UE identifiers correction in the SS\_LocationAreaInfoRetrieval API | Ericsson | revised |  | S6-240448 |
| S6-240193 | UE identifiers correction in the SS\_LocationAreaInfoRetrieval API | Ericsson | revised |  | S6-240449 |
| S6-240194 | Termination indication in the SS\_NetworkResourceMonitoring API | Ericsson | revised |  | S6-240526 |
| S6-240195 | Monitoring profiles in the SS\_NetworkResourceMonitoring API | Ericsson | postponed |  | - |
| S6-240196 | Solution to KI#7 on AI/ML member selection policies provisioning and management | Ericsson | revised | S6-234054 | S6-240651 |
| S6-240197 | Update to KI#7 for the Support of policies and configurations in Application Layer AI/ML Services | Ericsson | revised |  | S6-240650 |
| S6-240198 | AI/ML Model storage and discovery procedures improvements | Ericsson | revised |  | S6-240676 |
| S6-240199 | Support multi-modal service identifier in SEALDD | Ericsson | postponed |  | S6-240702 |
| S6-240200 | Support multi-modal QoS measurement and exposure in SEALDD | Ericsson | postponed |  | S6-240703 |
| S6-240201 | Discussion Paper on Policies in Application Layer AI/ML Services | Ericsson | noted |  |  |
| S6-240202 | SA2 linkage to KI on User Sensitive Information | Apple R&D | revised |  | S6-240638 |
| S6-240203 | Procedure to select the optimal EAS in ACR | NTT DOCOMO | postponed |  | - |
| S6-240204 | Federation procedure for EES and EAS triggers | NTT DOCOMO INC.. | withdrawn |  |  |
| S6-240205 | Editorial corrections regarding EDGEAPP | NTT DOCOMO INC.. | withdrawn |  |  |
| S6-240206 | Definition Updates | Lenovo | revised |  | S6-240642 |
| S6-240207 | Solution on FL event notifications | Lenovo | revised |  | S6-240669 |
| S6-240208 | Solution on AI enabled DN energy analytics | Lenovo | revised |  | S6-240666 |
| S6-240209 | Solution on ADAE analytics for tethered devices | Lenovo | postponed |  | - |
| S6-240210 | KI on support for ranging / sidelink positioning | Lenovo | revised |  | S6-240595 |
| S6-240211 | KI on discovery and QoS control for metaverse services | Lenovo | revised |  | S6-240641 |
| S6-240212 | LS on Clarification related to MC gateway UE requirements | Huawei, Hisilicon | withdrawn |  |  |
| S6-240213 | Reply LS on clarifications on V2X, UAS and SEAL entities acting as EAS | Huawei, Hisilicon | withdrawn |  |  |
| S6-240214 | Void the clause 10.6.2.9.3.3 | Huawei, Hisilicon | withdrawn |  |  |
| S6-240215 | Void the clause 10.6.2.9.3.3 | Huawei, Hisilicon | withdrawn |  |  |
| S6-240216 | MC gateway UE discussion and way forward | Huawei, Hisilicon | withdrawn |  |  |
| S6-240217 | Clarification on MC GW UE features | Huawei, Hisilicon | withdrawn |  |  |
| S6-240218 | Clarification on MC GW UE features | Huawei, Hisilicon | withdrawn |  |  |
| S6-240219 | Functional model update and clarification | Huawei, Hisilicon | withdrawn |  |  |
| S6-240220 | Functional model update and clarification | Huawei, Hisilicon | withdrawn |  |  |
| S6-240221 | Clarification on MC gateway UE definition | Huawei, Hisilicon | withdrawn |  |  |
| S6-240222 | Clarification on MC gateway UE definition | Huawei, Hisilicon | withdrawn |  |  |
| S6-240223 | Corrections to the IP model figures | Huawei, Hisilicon | withdrawn |  |  |
| S6-240224 | Corrections to the IP model figures | Huawei, Hisilicon | withdrawn |  |  |
| S6-240225 | Corrections of the connection authorization | Huawei, Hisilicon | withdrawn |  |  |
| S6-240226 | Correction of GW MC service ID-MCPTT | Huawei, Hisilicon | withdrawn |  |  |
| S6-240227 | Correction of GW MC service ID-MCVideo | Huawei, Hisilicon | withdrawn |  |  |
| S6-240228 | Correction of GW MC service ID-MCData | Huawei, Hisilicon | withdrawn |  |  |
| S6-240229 | MBS service area update failure cause handling | Huawei, Hisilicon | postponed |  | - |
| S6-240230 | Support both user list and criteria in a ad hoc group call-MCPTT | Huawei, Hisilicon | withdrawn |  |  |
| S6-240231 | Support both user list and criteria in a ad hoc group call-MCVideo | Huawei, Hisilicon | withdrawn |  |  |
| S6-240232 | Support both user list and criteria in a ad hoc group call-MCData | Huawei, Hisilicon | withdrawn |  |  |
| S6-240233 | MBS service area update failure cause handling at NRM | Huawei, Hisilicon | withdrawn |  |  |
| S6-240234 | Correct the Fault diagnosis subscription request information flow | Huawei, Hisilicon | withdrawn |  |  |
| S6-240235 | Correct the Fault diagnosis subscription request information flow | Huawei, Hisilicon | withdrawn |  |  |
| S6-240236 | Add late notification to the network slice adaptation procedures | Huawei, Hisilicon | withdrawn |  |  |
| S6-240237 | Add late notification to the network slice adaptation procedures | Huawei, Hisilicon | withdrawn |  |  |
| S6-240238 | pCR on solution of eMMTel architecture | Huawei, Hisilicon | withdrawn |  |  |
| S6-240239 | pCR on key issue #1 update | Huawei, Hisilicon | withdrawn |  |  |
| S6-240240 | Federation procedure for EES and EAS triggers | NTT DOCOMO | postponed |  | - |
| S6-240241 | Editorial corrections regarding EDGEAPP | NTT DOCOMO INC.. | withdrawn |  |  |
| S6-240242 | MC Group ID(s) for location subscription and cancellation and affiliation in Location information | HOME OFFICE | revised |  | S6-240396 |
| S6-240243 | Floor control priority when using multi-talker control | Nokia, Nokia Shanghai Bell | revised | S6-233580 | S6-240441 |
| S6-240244 | Reporting success or failure of an ad hoc group emergency alert initiation request (multiple MC systems) | Nokia, Nokia Shanghai Bell | revised |  | S6-240442 |
| S6-240245 | Reporting success or failure of an ad hoc group emergency alert initiation request (multiple MC systems) | Nokia, Nokia Shanghai Bell | revised |  | S6-240443 |
| S6-240246 | Reporting success or failure of an ad hoc group emergency alert cancel request (multiple MC systems) | Nokia, Nokia Shanghai Bell | revised |  | S6-240444 |
| S6-240247 | Reporting success or failure of an ad hoc group emergency alert cancel request (multiple MC systems) | Nokia, Nokia Shanghai Bell | revised |  | S6-240445 |
| S6-240248 | Reporting success or failure of an ad hoc group emergency alert modify criteria request | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S6-240249 | Reporting success or failure of an ad hoc group emergency alert modify criteria request (multiple MC systems) | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S6-240250 | Removal of procedure 10.1.6.2 on signalling plane registration between MC systems | Nokia, Nokia Shanghai Bell | revised |  | S6-240412 |
| S6-240251 | Removal of procedure 10.1.6.2 on signalling plane registration between MC systems | Nokia, Nokia Shanghai Bell | agreed |  | S6-240413 |
| S6-240252 | Removal of procedure 10.1.6.2 on signalling plane registration between MC systems | Nokia, Nokia Shanghai Bell | revised |  | S6-240414 |
| S6-240253 | Removal of procedure 10.1.6.2 on signalling plane registration between MC systems | Nokia, Nokia Shanghai Bell | revised |  | S6-240415 |
| S6-240254 | Removal of procedure 10.1.6.2 on signalling plane registration between MC systems | Nokia, Nokia Shanghai Bell | revised |  | S6-240416 |
| S6-240255 | Change list of participants when criteria was used to setup the ad hoc group call (MCPTT) | Nokia, Nokia Shanghai Bell | revised | S6-233581 | S6-240429 |
| S6-240256 | Change list of participants when criteria was used to setup the ad hoc group call (MCVideo) | Nokia, Nokia Shanghai Bell | revised | S6-233582 | S6-240430 |
| S6-240257 | Change list of participants when criteria was used to setup the ad hoc group call (MCData) | Nokia, Nokia Shanghai Bell | revised | S6-233583 | S6-240431 |
| S6-240258 | Connection authorization and connection disconnection procedure updates | Nokia, Nokia Shanghai Bell | postponed |  |  |
| S6-240259 | Connection authorization and connection disconnection procedure updates | Nokia, Nokia Shanghai Bell | postponed |  |  |
| S6-240260 | Editorial corrections regarding EDGEAPP | NTT DOCOMO INC.. | revised |  | S6-240400 |
| S6-240261 | Multi-flow synchronization for multi-modal XR application | Huawei, Hisilicon | revised |  | S6-240704 |
| S6-240262 | Key Issue on E2E KPI guarantee for XR service | Huawei, Hisilicon | revised |  | S6-240687 |
| S6-240263 | Discussion on E2E KPI guarantee for XR application | Huawei, Hisilicon | noted |  |  |
| S6-240264 | EAS instantiation enhancement to satisfy E2E KPI requirements for XR application | Huawei, Hisilicon | postponed |  | S6-240688 |
| S6-240265 | Key issue on CAPIF enhancement for differentiated AEF status | Huawei, Hisilicon | revised |  | S6-240495 |
| S6-240266 | API based Instantiation for service API discovery | Huawei, Hisilicon | revised |  | S6-240496 |
| S6-240267 | Clarification on content delivery in SEALDD-S interface | Huawei, Hisilicon | revised |  | S6-240487 |
| S6-240268 | Clarification on media delivery functionality in SEALDD | Huawei, Hisilicon | revised |  | S6-240488 |
| S6-240269 | Clarification on SEALDD server discovery for SEALDD client | Huawei, Hisilicon | revised |  | S6-240524 |
| S6-240270 | Discussion on SEALDD server discovery for SEALDD client | Huawei, Hisilicon | noted |  |  |
| S6-240271 | Seamless SEALDD relocation enhancement | Huawei, Hisilicon | revised |  | S6-240525 |
| S6-240272 | Alignment on VAL UE identity and VAL user identity | Huawei, Hisilicon | agreed |  |  |
| S6-240273 | Alignment on VAL UE identity and VAL user identity | Huawei, Hisilicon | agreed |  |  |
| S6-240274 | Complete API for regular data transmission procedure | Huawei, Hisilicon | revised |  | S6-240479 |
| S6-240275 | Complete API for regular data transmission procedure | Huawei, Hisilicon | revised |  | S6-240480 |
| S6-240276 | Complete API for stored data transfer procedure | Huawei, Hisilicon | revised |  | S6-240481 |
| S6-240277 | Complete API for stored data transfer procedure | Huawei, Hisilicon | revised |  | S6-240482 |
| S6-240278 | Complete API for SEALDD URLLC transmission connection release | Huawei, Hisilicon | merged |  | S6-240483 |
| S6-240279 | Complete API for SEALDD URLLC transmission connection release | Huawei, Hisilicon | merged |  | S6-240483 |
| S6-240280 | Discussion on the exposure of application calling service | Huawei, HiSilicon | noted |  |  |
| S6-240281 | pCR on Architectural requirements | CATT | revised |  | S6-240594 |
| S6-240282 | pCR on solution evaluation for Sol#2: Application enabled Geofencing | CATT | revised |  | S6-240596 |
| S6-240283 | pCR on new solution for KI#3 to reduce response time for LCS QoS | CATT | revised |  | S6-240597 |
| S6-240284 | pCR on new solution for KI#3 to improve the LCS QoS accuracy | CATT | revised |  | S6-240598 |
| S6-240285 | pCR on new solution for KI#4: Enhancement to support location information exposure | CATT | revised |  | S6-240599 |
| S6-240286 | pCR on reference update | CATT | revised |  | S6-240593 |
| S6-240287 | Revised SID on study on enhanced application layer support for location services | CATT | revised |  | S6-240664 |
| S6-240288 | Multiple logon device location reporting clarification | HOME OFFICE | revised |  | S6-240397 |
| S6-240289 | Correct edge load analytics | Ericsson | agreed |  |  |
| S6-240290 | Correct registration | Ericsson | agreed |  |  |
| S6-240291 | Add missing common EAS removal | Ericsson | revised |  | S6-240620 |
| S6-240292 | Add missing common EAS removal | Ericsson | merged |  | - |
| S6-240293 | CAS consumes EES services | Ericsson | revised |  | S6-240450 |
| S6-240294 | CAS consumes EES services | Ericsson | revised |  | S6-240451 |
| S6-240295 | CES consumes EEL services | Ericsson | agreed |  |  |
| S6-240296 | CES consumes EEL services | Ericsson | agreed |  |  |
| S6-240297 | Clarify CES service | Ericsson | agreed |  | - |
| S6-240298 | Clarify CES service | Ericsson | agreed |  | - |
| S6-240299 | Service continuity in ENS via leading ECSP | Ericsson | revised |  | S6-240694 |
| S6-240300 | Correct IE presence condition | Ericsson | agreed |  |  |
| S6-240301 | Correct IE presence condition | Ericsson | agreed |  |  |
| S6-240302 | Correct IE presence condition | Ericsson | agreed |  |  |
| S6-240303 | Correct IE presence condition | Ericsson | agreed |  |  |
| S6-240304 | Satellite edge computing | Ericsson | revised |  | S6-240629 |
| S6-240305 | new KI CAPIF interconnection | Ericsson | revised |  | S6-240493 |
| S6-240306 | Support multi-modal service in SEALDD | Ericsson | revised |  | S6-240705 |
| S6-240307 | Add release operation for URLLC connection | Ericsson | revised |  | S6-240483 |
| S6-240308 | Add release operation for URLLC connection | Ericsson | revised |  | S6-240484 |
| S6-240309 | Correct NRM and SEALDD interaction | Ericsson | revised |  | S6-240521 |
| S6-240310 | Correct NRM and SEALDD interaction | Ericsson | revised |  | S6-240522 |
| S6-240311 | Correct regular transmission procedure | Ericsson | agreed |  |  |
| S6-240312 | Correct regular transmission procedure | Ericsson | agreed |  |  |
| S6-240313 | Correct Sdd\_TransmissionQualityMeasurement API | Ericsson | agreed |  |  |
| S6-240314 | Correct Sdd\_TransmissionQualityMeasurement API | Ericsson | agreed |  |  |
| S6-240315 | Correct URLLC transmission procedure | Ericsson | agreed |  |  |
| S6-240316 | Correct URLLC transmission procedure | Ericsson | agreed |  |  |
| S6-240317 | SEALDD Background data transfer | Ericsson | revised |  | S6-240486 |
| S6-240318 | Correct IE presence condition | Ericsson | agreed |  |  |
| S6-240319 | NRM Network resource adaptation enhancement for BDT | Ericsson | revised |  | S6-240523 |
| S6-240320 | Reply LS on clarifications on V2X, UAS and SEAL entities acting as EAS | SA6 | merged |  | S6-240401 |
| S6-240321 | Clarification on bundle EAS | Huawei, Hisilicon | revised |  | S6-240698 |
| S6-240322 | Clarification on Federation | Huawei, Hisilicon | revised |  | S6-240695 |
| S6-240323 | Clarification on EAS discovery for group of UE | Huawei, Hisilicon | revised |  | S6-240661 |
| S6-240324 | Adding EAS synchronization definition | Huawei, Hisilicon | revised |  | S6-240697 |
| S6-240325 | common EAS selection considering EAS service KPI | Huawei, Hisilicon | revised |  | S6-240660 |
| S6-240326 | EAS instantiation considering different ACR type | Huawei, Hisilicon | revised |  | S6-240692 |
| S6-240327 | LS on traffic influence based on UPF information | Huawei, Hisilicon | revised |  | S6-240410 |
| S6-240328 | Correction on AIML enablement client registration | Huawei, Hisilicon | revised |  | S6-240678 |
| S6-240329 | correction on AIML member participation configurations provisioning and management | Huawei, Hisilicon | approved |  |  |
| S6-240330 | clarification on A-DCCF | Huawei, Hisilicon | postponed |  | - |
| S6-240331 | correct the analytics type in the message | Huawei, Hisilicon | not pursued |  |  |
| S6-240332 | fix the in-consistency of the A-ADRF | Huawei, Hisilicon | revised |  | S6-240511 |
| S6-240333 | Service continuity | China Mobile | revised |  | S6-240691 |
| S6-240334 | Reply LS on A-DCCF, A-ADRF and ADAES services | Ericsson | revised |  | S6-240407 |
| S6-240335 | Reply LS on Issues related to ADAE server APIs | Ericsson | revised |  | S6-240408 |
| S6-240336 | Updates to Application Performance Analytics and API | Ericsson | revised |  | S6-240504 |
| S6-240337 | Updates to Slice-specific Application Performance Analytics and API | Ericsson | revised |  | S6-240505 |
| S6-240338 | Updates to UE-to-UE Application Performance Analytics and API | Ericsson | revised |  | S6-240506 |
| S6-240339 | Updates to Location Accuracy Analytics and API | Ericsson | revised |  | S6-240507 |
| S6-240340 | Updates to Service API Analytics and API | Ericsson | revised |  | S6-240508 |
| S6-240341 | Updates to Slice Usage Pattern Analytics and API | Ericsson | revised |  | S6-240509 |
| S6-240342 | Updates to Edge Load Analytics and API | Ericsson | revised |  | S6-240510 |
| S6-240343 | Solution on New ADAE Analytics on UE Capability for Supporting FL Member (Re)Selection | Ericsson | revised |  | S6-240668 |
| S6-240344 | Solution on Analytics and Assistance Information Collection for Supporting FL Member (Re)Selection | Ericsson | revised |  | S6-240649 |
| S6-240345 | Solution on Supporting VFL in Enablement Layer | Ericsson | revised |  | S6-240672 |
| S6-240346 | Solution on Support Split AI/ML Operations in Enablement Layer | Ericsson | revised |  | S6-240675 |
| S6-240347 | Discussion on Avatar management | Samsung | noted | S6-240108 |  |
| S6-240348 | EDGEAPP\_R18 clarify EASID(s) description | Samsung | postponed |  | - |
| S6-240349 | EDGEAPP\_R19 clarify EASID(s) description | Samsung | postponed |  | S6-240656 |
| S6-240350 | FS\_5GSAT\_Ph3\_App\_editorials | Samsung | approved |  |  |
| S6-240351 | FS\_5GSAT\_Ph3\_App\_update-KI#1 | Samsung | revised |  | S6-240601 |
| S6-240352 | FS\_CAPIF\_Ph3\_study\_On-boarding\_enhancements | Samsung | revised |  | S6-240530 |
| S6-240353 | Revised SID on application enablement for Satellite access enabled 5G services | Samsung | revised | SP-231738 | S6-240411 |
| S6-240354 | DP AIML architecture and workflow | Convida Wireless LLC | noted |  |  |
| S6-240355 | Update to solution 1 architecture | Convida Wireless LLC | revised |  | S6-240643 |
| S6-240356 | Update to solution 4 ADAE | Convida Wireless LLC | revised |  | S6-240644 |
| S6-240357 | Update to solution 5 model mgmt | Convida Wireless LLC | approved |  |  |
| S6-240358 | Update to solutions 6, 7, and 8 | Convida Wireless LLC | revised |  | S6-240677 |
| S6-240359 | Digital Avatars KI | Convida Wireless LLC | revised |  | S6-240631 |
| S6-240360 | Application coordination KI | Convida Wireless LLC | revised |  | S6-240633 |
| S6-240361 | MetaverseApp architecture | Convida Wireless LLC | merged |  | S6-240623 |
| S6-240362 | Spatial anchor create | Convida Wireless LLC | revised |  | S6-240626 |
| S6-240363 | Spatial anchor discovery | Convida Wireless LLC | merged |  | S6-240624 |
| S6-240364 | Spatial anchor subscribe notify | Convida Wireless LLC | merged |  | S6-240626 |
| S6-240365 | Multi Modal App Transfer | Convida Wireless LLC | revised |  | S6-240680 |
| S6-240366 | Multi Modal SEALDD policy config | Convida Wireless LLC | revised |  | S6-240706 |
| S6-240367 | Policy based Multi Modal SEALDD flow establishment | Convida Wireless LLC | revised |  | S6-240707 |
| S6-240368 | FS\_eLSAPP Solution for KI#4 | Convida Wireless LLC | postponed |  | - |
| S6-240369 | EEL reliability for service differentiation | Convida Wireless LLC | postponed |  |  |
| S6-240370 | Information flows and procedures to support ad hoc group standalone file distribution using HTTP procedures | Samsung | postponed |  | - |
| S6-240371 | Determine MC gateway UE access network information | Samsung | postponed |  |  |
| S6-240372 | Determine MC gateway UE access network information | Samsung | postponed |  |  |
| S6-240373 | Management of AIML operations | Convida Wireless LLC | revised |  | S6-240652 |
| S6-240374 | update Key issue #1 | China Mobile Com. Corporation | revised |  | S6-240645 |
| S6-240375 | Enhancements to SEALDD architecture | Ericsson | postponed |  | - |
| S6-240376 | E2E redundant transport for SEALDD using dual UE – dual UP | Ericsson | postponed |  |  |
| S6-240377 | Introducing AIML requestor initiated AIML services solicitation | Ericsson Inc. | revised |  | S6-240670 |
| S6-240378 | Introducing AIML Enablement server initiated AIML service advertisement | Ericsson Inc. | revised |  | S6-240671 |
| S6-240379 | Correction cardinality IE service API unpublish for CAPIF interconnection | Nokia, Nokia Shanghai Bell | revised |  | S6-240497 |
| S6-240380 | Introducing AIML service session lifecycle assistance procedure | Ericsson Inc. | revised |  | S6-240647 |
| S6-240381 | New KI on satellite access with discontinuous coverage | Sateliot, CATT, TNO, Novamint | revised | S6-234043 | S6-240603 |
| S6-240382 | Addition of study aspects related to AIML service session management in KI#1 | Ericsson Inc. | revised |  | S6-240646 |
| S6-240383 | Enhancements to NRM reliable transmission API | Ericsson Inc. | postponed |  |  |
| S6-240384 | Pseudo-CR on CAPIF Use Case of NEF publishing APIs | Vodafone | revised |  | S6-240534 |
| S6-240385 | Skeleton for TR 23.700-22 | Nokia Hungary | approved |  |  |
| S6-240386 | Enhancements to Slice requirement verification and alignment capability | Ericsson Inc. | revised |  | S6-240518 |
| S6-240387 | New Key Issue on Supporting UE access to another UE’s resources | Nokia, Nokia Shanghai Bell | revised |  | S6-240494 |
| S6-240388 | Simultaneous link support for UTM-Navigated C2 and clarifications | KPN N.V. | revised |  | S6-240547 |
| S6-240389 | Correction of Information Flow 10.17.2.5 - Group membership update response | BDBOS | revised |  | S6-240437 |
| S6-240390 | New Key Issue on Supporting resource owner authentication | Nokia, Nokia Shanghai Bell | revised |  | S6-240490 |
| S6-240391 | New Key Issue on RNAA Architecture enhancement | Nokia, Nokia Shanghai Bell | revised |  | S6-240492 |
| S6-240392 | Re-determine the pre-configured group used for end-to-end security | Samsung | postponed |  | - |
| S6-240393 | Solution 7 update | KPN N.V. | revised |  | S6-240573 |
| S6-240394 | Solution 8 Update | KPN N.V. | revised |  | S6-240574 |
| S6-240395 | New Key Issue on Edge on board NGSO Satellite | KPN N.V., TNO | revised |  | S6-240602 |
| S6-240396 | MC Group ID(s) for location subscription and cancellation and affiliation in Location information | HOME OFFICE | not pursued | S6-240242 |  |
| S6-240397 | Multiple logon device location reporting clarification | HOME OFFICE | revised | S6-240288 | S6-240440 |
| S6-240398 | Withdrawn - Reply to LS on 3GPP work on energy efficiency | SA4 | withdrawn |  |  |
| S6-240399 | Withdrawn - LS on alignment of 3GPP EDGEAPP, ETSI MEC and GSMA OP architectures | SA5 | withdrawn |  |  |
| S6-240400 | Editorial corrections regarding EDGEAPP | NTT DOCOMO INC.. | agreed | S6-240260 | - |
| S6-240401 | Reply LS on clarifications on V2X, UAS and SEAL entities acting as EAS | Huawei, Hisilicon | revised | S6-240121 | S6-240581 |
| S6-240402 | Add Update and Cancellation services of Eees\_TrafficInfluenceEAS | China Mobile | revised | - | S6-240699 |
| S6-240403 | Add Update and Cancellation services of Eees\_TrafficInfluenceEAS | China Mobile | revised | - | S6-240700 |
| S6-240404 | Reply LS to S6-240013 LS on service authorization for/to partner MC system | Nokia | approved | - | - |
| S6-240405 | [draft] LS on the support of ECN marking L4S in MCVideo services | Ericsson | postponed | - | - |
| S6-240406 | Reply LS on MBS service area update clarification | Ericsson | postponed | - | - |
| S6-240407 | Reply LS on A-DCCF, A-ADRF and ADAES services | Ericsson | revised | S6-240334 | S6-240552 |
| S6-240408 | Reply LS on Issues related to ADAE server APIs | Ericsson | revised | S6-240335 | S6-240553 |
| S6-240409 | LS on Clarification related to MC gateway UE requirements | Huawei, Hisilicon | postponed | S6-240120 | - |
| S6-240410 | LS on traffic influence based on UPF information | Huawei, Hisilicon | revised | S6-240327 | S6-240567 |
| S6-240411 | Revised SID on application enablement for Satellite access enabled 5G services | Samsung | revised | S6-240353 | S6-240586 |
| S6-240412 | Removal of procedure 10.1.6.2 on signalling plane registration between MC systems | Nokia, Nokia Shanghai Bell | agreed | S6-240250 | - |
| S6-240413 | Removal of procedure 10.1.6.2 on signalling plane registration between MC systems | Nokia, Nokia Shanghai Bell | agreed | S6-240251 | - |
| S6-240414 | Removal of procedure 10.1.6.2 on signalling plane registration between MC systems | Nokia, Nokia Shanghai Bell | agreed | S6-240252 | - |
| S6-240415 | Removal of procedure 10.1.6.2 on signalling plane registration between MC systems | Nokia, Nokia Shanghai Bell | agreed | S6-240253 | - |
| S6-240416 | Removal of procedure 10.1.6.2 on signalling plane registration between MC systems | Nokia, Nokia Shanghai Bell | agreed | S6-240254 | - |
| S6-240417 | Alignments of 23.289 Rel-18 with other specs | AT&T Labs, Inc | agreed | S6-240083 | - |
| S6-240418 | Alignments of 23.289 Rel-19 with other specs | AT&T Labs, Inc | agreed | - | - |
| S6-240419 | Void the clause 10.6.2.9.3.3 | Huawei, Hisilicon | agreed | S6-240122 | - |
| S6-240420 | Void the clause 10.6.2.9.3.3 | Huawei, Hisilicon | agreed | S6-240123 | - |
| S6-240421 | Corrections to the IP model figures | Huawei, Hisilicon | agreed | S6-240131 | - |
| S6-240422 | Corrections to the IP model figures | Huawei, Hisilicon | agreed | S6-240132 | - |
| S6-240423 | MBS service area handling | Ericsson | withdrawn | S6-240159 | - |
| S6-240424 | MBS service area handling (mirror) | Ericsson | withdrawn | - | - |
| S6-240425 | Reply LS on MBS service area update clarification | Ericsson | withdrawn | - | - |
| S6-240426 | MBS service area update failure cause handling | Huawei, Hisilicon | withdrawn | - | - |
| S6-240427 | Minor corrections in clause 10.11 | Ericsson | revised | S6-240162 | S6-240446 |
| S6-240428 | Reference Architecture for MCX Service Logging | Motorola Solutions UK Ltd. | withdrawn | S6-240034 | - |
| S6-240429 | Change list of participants when criteria was used to setup the ad hoc group call (MCPTT) | Nokia, Nokia Shanghai Bell | agreed | S6-240255 | - |
| S6-240430 | Change list of participants when criteria was used to setup the ad hoc group call (MCVideo) | Nokia, Nokia Shanghai Bell | agreed | S6-240256 | - |
| S6-240431 | Change list of participants when criteria was used to setup the ad hoc group call (MCData) | Nokia, Nokia Shanghai Bell | agreed | S6-240257 | - |
| S6-240432 | APN for MC media | Ericsson | withdrawn | - | - |
| S6-240433 | ACM providing interconnection MC service group ID | BDBOS | agreed | S6-240094 | - |
| S6-240434 | ACM user migration management | BDBOS | agreed | S6-240113 | - |
| S6-240435 | ACM updating MC service UE initial configuration for migration | BDBOS | agreed | S6-240115 | - |
| S6-240436 | ACM updating MC service user profiles assigned from partner MC system | BDBOS | agreed | S6-240116 | - |
| S6-240437 | Correction of Information Flow 10.17.2.5 - Group membership update response | BDBOS | agreed | S6-240389 | - |
| S6-240438 | Information flows and procedures to support ad hoc group standalone file distribution using HTTP procedures | Samsung | withdrawn | - | - |
| S6-240439 | Re-determine the pre-configured group used for end-to-end security | Samsung | withdrawn | - | - |
| S6-240440 | Multiple logon device location reporting clarification | HOME OFFICE | agreed | S6-240397 | - |
| S6-240441 | Correction on List of members which can talk in a multi-talker group | Nokia, Nokia Shanghai Bell | agreed | S6-240243 | - |
| S6-240442 | Reporting success or failure of an ad hoc group emergency alert initiation request (multiple MC systems) | Nokia, Nokia Shanghai Bell | agreed | S6-240244 | - |
| S6-240443 | Reporting success or failure of an ad hoc group emergency alert initiation request (multiple MC systems) | Nokia, Nokia Shanghai Bell | agreed | S6-240245 | - |
| S6-240444 | Reporting success or failure of an ad hoc group emergency alert cancel request (multiple MC systems) | Nokia, Nokia Shanghai Bell | agreed | S6-240246 | - |
| S6-240445 | Reporting success or failure of an ad hoc group emergency alert cancel request (multiple MC systems) | Nokia, Nokia Shanghai Bell | agreed | S6-240247 | - |
| S6-240446 | Minor corrections in clause 10.11 | Ericsson | agreed | S6-240427 | - |
| S6-240447 | UE identifiers correction in the SS\_LocationAreaInfoRetrieval API | Ericsson | agreed | S6-240191 | - |
| S6-240448 | UE identifiers correction in the SS\_LocationAreaInfoRetrieval API | Ericsson | agreed | S6-240192 | - |
| S6-240449 | UE identifiers correction in the SS\_LocationAreaInfoRetrieval API | Ericsson | agreed | S6-240193 | - |
| S6-240450 | CAS consumes EES services | Ericsson | agreed | S6-240293 | - |
| S6-240451 | CAS consumes EES services | Ericsson | agreed | S6-240294 | - |
| S6-240452 | Not used - reserved for breakout | na | withdrawn | - | - |
| S6-240453 | Not used - reserved for breakout | na | withdrawn | - | - |
| S6-240454 | Not used - reserved for breakout | na | withdrawn | - | - |
| S6-240455 | Not used - reserved for breakout | na | withdrawn | - | - |
| S6-240456 | Not used - reserved for breakout | na | withdrawn | - | - |
| S6-240457 | Not used - reserved for breakout | na | withdrawn | - | - |
| S6-240458 | Not used - reserved for breakout | na | withdrawn | - | - |
| S6-240459 | Not used - reserved for breakout | na | withdrawn | - | - |
| S6-240460 | Not used - reserved for breakout | na | withdrawn | - | - |
| S6-240461 | Not used - reserved for breakout | na | withdrawn | - | - |
| S6-240462 | Not used - reserved for breakout | na | withdrawn | - | - |
| S6-240463 | Not used - reserved for breakout | na | withdrawn | - | - |
| S6-240464 | Not used - reserved for breakout | na | withdrawn | - | - |
| S6-240465 | Not used - reserved for breakout | na | withdrawn | - | - |
| S6-240466 | Not used - reserved for breakout | na | withdrawn | - | - |
| S6-240467 | Not used - reserved for breakout | na | withdrawn | - | - |
| S6-240468 | Not used - reserved for breakout | na | withdrawn | - | - |
| S6-240469 | Not used - reserved for breakout | na | withdrawn | - | - |
| S6-240470 | Not used - reserved for breakout | na | withdrawn | - | - |
| S6-240471 | Not used - reserved for breakout | na | withdrawn | - | - |
| S6-240472 | pCR on solution of eMMTel Enabler architecture | China Mobile Com. Corporation | revised | S6-240165 | S6-240554 |
| S6-240473 | pCR on eMMTel high level architecture align with 3GPP TS 23.228 | China Mobile | revised | S6-240166 | S6-240571 |
| S6-240474 | pCR on eMMTel high level architecture align with GSMA NG.134 | China Mobile Com. Corporation | approved | S6-240168 | - |
| S6-240475 | pCR on eMMTel high level architecture align with GSMA TGY.02 | China Mobile Com. Corporation | approved | S6-240169 | - |
| S6-240476 | pCR on eMMTel high level architecture align with GSMA TS.66 | China Mobile | approved | S6-240170 | - |
| S6-240477 | pCR on Solution of Application calling service | Huawei, HiSilicon | revised | S6-240181 | S6-240572 |
| S6-240478 | pCR on key issue #1 update | Huawei, Hisilicon | withdrawn | - | - |
| S6-240479 | Complete API for regular data transmission procedure | Huawei, Hisilicon | revised | S6-240274 | S6-240781 |
| S6-240480 | Complete API for regular data transmission procedure | Huawei, Hisilicon | revised | S6-240275 | S6-240782 |
| S6-240481 | Complete API for stored data transfer procedure | Huawei, Hisilicon | agreed | S6-240276 | - |
| S6-240482 | Complete API for stored data transfer procedure | Huawei, Hisilicon | agreed | S6-240277 | - |
| S6-240483 | Add release operation for URLLC connection | Ericsson, Huawei | agreed | S6-240307 | - |
| S6-240484 | Add release operation for URLLC connection | Ericsson, Huawei | agreed | S6-240308 | - |
| S6-240485 | Enhancements to SEALDD architecture | Ericsson | withdrawn | - | - |
| S6-240486 | SEALDD Background data transfer | Ericsson | revised | S6-240317 | S6-240566 |
| S6-240487 | Clarification on content delivery in SEALDD-S interface | Huawei, Hisilicon | agreed | S6-240267 | - |
| S6-240488 | Clarification on media delivery functionality in SEALDD | Huawei, Hisilicon | revised | S6-240268 | S6-240562 |
| S6-240489 | Editorial correction for topology hiding | ZTE Corporation | revised | S6-240064 | S6-240564 |
| S6-240490 | New Key Issue on Supporting resource owner authentication | Nokia, Nokia Shanghai Bell | revised | S6-240390 | S6-240783 |
| S6-240491 | New KI on Managing resource owner consent | Apple R&D | approved | S6-240148 | - |
| S6-240492 | New Key Issue on RNAA Architecture enhancement | Nokia, Nokia Shanghai Bell | approved | S6-240391 | - |
| S6-240493 | new KI CAPIF interconnection | Ericsson | approved | S6-240305 | - |
| S6-240494 | New Key Issue on Supporting UE access to another UE’s resources | Nokia, Nokia Shanghai Bell | revised | S6-240387 | S6-240751 |
| S6-240495 | Key issue on CAPIF enhancement for differentiated AEF status | Huawei, Hisilicon | revised | S6-240265 | S6-240577 |
| S6-240496 | API based Instantiation for service API discovery | Huawei, Hisilicon | revised | S6-240266 | S6-240578 |
| S6-240497 | Correction cardinality IE service API unpublish for CAPIF interconnection | Nokia, Nokia Shanghai Bell | agreed | S6-240379 | - |
| S6-240498 | Correction on Message response | China Mobile | agreed | S6-240176 | - |
| S6-240499 | Correction on Message response | China Mobile | agreed | S6-240177 | - |
| S6-240500 | Solve EN in 5.2 | China Mobile | agreed | S6-240182 | - |
| S6-240501 | Consistent use of term "resource owner" | Vodafone | revised | S6-240046 | S6-240579 |
| S6-240502 | Consistent use of term "resource owner" | Vodafone | revised | S6-240047 | S6-240580 |
| S6-240503 | Clarification on A-DCCF | Huawei, Hisilicon | withdrawn | - | - |
| S6-240504 | Updates to Application Performance Analytics and API | Ericsson | agreed | S6-240336 | - |
| S6-240505 | Updates to Slice-specific Application Performance Analytics and API | Ericsson | revised | S6-240337 | S6-240558 |
| S6-240506 | Updates to UE-to-UE Application Performance Analytics and API | Ericsson | revised | S6-240338 | S6-240559 |
| S6-240507 | Updates to Location Accuracy Analytics and API | Ericsson | agreed | S6-240339 | - |
| S6-240508 | Updates to Service API Analytics and API | Ericsson | revised | S6-240340 | S6-240560 |
| S6-240509 | Updates to Slice Usage Pattern Analytics and API | Ericsson | revised | S6-240341 | S6-240561 |
| S6-240510 | Updates to Edge Load Analytics and API | Ericsson | agreed | S6-240342 | - |
| S6-240511 | fix the in-consistency of the A-ADRF | Huawei, Hisilicon | revised | S6-240332 | S6-240585 |
| S6-240512 | Fault diagnosis subscription request | Huawei, Hisilicon | revised | S6-240142 | S6-240570 |
| S6-240513 | Fault diagnosis subscription request | Huawei, Hisilicon | agreed | S6-240143 | - |
| S6-240514 | Add late notification to the network slice adaptation procedures | Huawei, Hisilicon | revised | S6-240144 | S6-240575 |
| S6-240515 | Add late notification to the network slice adaptation procedures | Huawei, Hisilicon | revised | S6-240145 | S6-240576 |
| S6-240516 | Correction of Area of interest | China Mobile E-Commerce Co. | revised | S6-240188 | S6-240556 |
| S6-240517 | Correction of Area of interest | China Mobile E-Commerce Co. | revised | - | S6-240557 |
| S6-240518 | Enhancements to Slice requirement verification and alignment capability | Ericsson Inc. | revised | S6-240386 | S6-240565 |
| S6-240519 | IE Name and Reference Corrections | China Mobile Com. Corporation | agreed | S6-240114 | - |
| S6-240520 | IE Name and Reference Corrections | China Mobile Com. Corporation | revised | - | S6-240555 |
| S6-240521 | Correct NRM and SEALDD interaction | Ericsson | revised | S6-240309 | S6-240568 |
| S6-240522 | Correct NRM and SEALDD interaction | Ericsson | revised | S6-240310 | S6-240569 |
| S6-240523 | NRM Network resource adaptation enhancement for BDT | Ericsson | agreed | S6-240319 | - |
| S6-240524 | Clarification on SEALDD server discovery for SEALDD client | Huawei, Hisilicon | postponed | S6-240269 | - |
| S6-240525 | Seamless SEALDD relocation enhancement | Huawei, Hisilicon | revised | S6-240271 | S6-240563 |
| S6-240526 | Termination indication in the SS\_NetworkResourceMonitoring API | Ericsson | agreed | S6-240194 | - |
| S6-240527 | Monitoring profiles in the SS\_NetworkResourceMonitoring API | Ericsson | withdrawn | - | - |
| S6-240528 | Adoption of ETSI MEC for TR 23.946 | NTT DOCOMO INC. | approved | S6-240158 | - |
| S6-240529 | Open source implementation of CAPIF for TR 23.946 | NTT DOCOMO INC. | approved | S6-240167 | - |
| S6-240530 | FS\_CAPIF\_Ph3\_study\_On-boarding\_enhancements | Samsung | approved | S6-240352 | - |
| S6-240531 | Role of stakeholders for API exposure | NTT DOCOMO INC. | approved | S6-240171 | - |
| S6-240532 | Use case of Smart Factory IoT Solution | NTT DOCOMO INC. | withdrawn | - | - |
| S6-240533 | Summary for TR 23.946 | NTT DOCOMO INC. | approved | S6-240189 | - |
| S6-240534 | Pseudo-CR on CAPIF Use Case of NEF publishing APIs | Vodafone | revised | S6-240384 | S6-240582 |
| S6-240535 | Align cross-references to the appropriate subclauses of TS 33.122 | Apple R&D | agreed | S6-240043 | - |
| S6-240536 | Responsibilities of CAPIF API provider domain functions | Vodafone | agreed | S6-240044 | - |
| S6-240537 | update of clause 8.11 | Huawei, Hisilicon | agreed | S6-240085 | - |
| S6-240538 | Application Server in Group messaging | China Mobile | postponed | S6-240187 | - |
| S6-240539 | Resolving EN on PEGC/PEMC authorization | InterDigital Inc. | agreed | S6-240051 | - |
| S6-240540 | Resolving EN on CAPIF usage | InterDigital Inc., Nokia, Nokia Shanghai Bell | agreed | S6-240052 | - |
| S6-240541 | Resolving EN on enhanced PIN security aspects | InterDigital Inc. | agreed | S6-240053 | - |
| S6-240542 | Resolving EN on Annex A.1 | InterDigital Inc. | agreed | S6-240054 | - |
| S6-240543 | Correction of authorization | vivo | agreed | S6-240089 | - |
| S6-240544 | Correction of Additional PEMCs | vivo | agreed | S6-240090 | - |
| S6-240545 | Support for real time UAV flight path monitoring | InterDigital | agreed | S6-240040 | - |
| S6-240546 | Require QoS along UAV planned flight path | Deutsche Telekom AG | revised | S6-240048 | S6-240548 |
| S6-240547 | Simultaneous link support for UTM-Navigated C2 and clarifications | KPN N.V., Deutsche Telekom | agreed | S6-240388 | - |
| S6-240548 | Require QoS along UAV planned flight path | Deutsche Telekom AG | agreed | S6-240546 | - |
| S6-240549 | Clarification on EAS type | Huawei, Hisilicon | revised | - | - |
| S6-240550 | Clarification on EAS type | Huawei, Hisilicon | agreed | - | - |
| S6-240551 | Reply LS on evaluating security aspects for MC services over MC gateway UE | SA3 | postponed | - | - |
| S6-240552 | Reply LS on A-DCCF, A-ADRF and ADAES services | Ericsson | approved | S6-240407 | - |
| S6-240553 | Reply LS on Issues related to ADAE server APIs | Ericsson | approved | S6-240408 | - |
| S6-240554 | pCR on solution of eMMTel Enabler architecture | China Mobile Com. Corporation, Huawei | approved | S6-240472 | - |
| S6-240555 | IE Name and Reference Corrections | China Mobile Com. Corporation | agreed | S6-240520 | - |
| S6-240556 | Correction of Area of interest | China Mobile E-Commerce Co. | agreed | S6-240516 | - |
| S6-240557 | Correction of Area of interest | China Mobile E-Commerce Co. | agreed | S6-240517 | - |
| S6-240558 | Updates to Slice-specific Application Performance Analytics and API | Ericsson | agreed | S6-240505 | - |
| S6-240559 | Updates to UE-to-UE Application Performance Analytics and API | Ericsson | agreed | S6-240506 | - |
| S6-240560 | Updates to Service API Analytics and API | Ericsson | agreed | S6-240508 | - |
| S6-240561 | Updates to Slice Usage Pattern Analytics and API | Ericsson | agreed | S6-240509 | - |
| S6-240562 | Clarification on media delivery functionality in SEALDD | Huawei, Hisilicon | agreed | S6-240488 | - |
| S6-240563 | Seamless SEALDD relocation enhancement | Huawei, Hisilicon | revised | S6-240525 | S6-240584 |
| S6-240564 | Editorial correction for topology hiding | ZTE Corporation | agreed | S6-240489 | - |
| S6-240565 | Enhancements to Slice requirement verification and alignment capability | Ericsson Inc. | revised | S6-240518 | S6-240778 |
| S6-240566 | SEALDD Background data transfer | Ericsson | revised | S6-240486 | S6-240583 |
| S6-240567 | LS on traffic influence based on UPF information | Huawei, Hisilicon | postponed | S6-240410 | - |
| S6-240568 | Correct NRM and SEALDD interaction | Ericsson | agreed | S6-240521 | - |
| S6-240569 | Correct NRM and SEALDD interaction | Ericsson | agreed | S6-240522 | - |
| S6-240570 | Fault diagnosis subscription request | Huawei, Hisilicon | agreed | S6-240512 | - |
| S6-240571 | pCR on eMMTel high level architecture align with 3GPP TS 23.228 | China Mobile | revised | S6-240473 | S6-240784 |
| S6-240572 | pCR on Solution of Application calling service | Huawei, HiSilicon | revised | S6-240477 | S6-240774 |
| S6-240573 | Solution 7 update | KPN N.V., Convida Wireless | approved | S6-240393 | - |
| S6-240574 | Solution 8 Update | KPN N.V., Convida Wireless | approved | S6-240394 | - |
| S6-240575 | Add late notification to the network slice adaptation procedures | Huawei, Hisilicon | revised | S6-240514 | S6-240587 |
| S6-240576 | Add late notification to the network slice adaptation procedures | Huawei, Hisilicon | revised | S6-240515 | S6-240588 |
| S6-240577 | Key issue on CAPIF enhancement for differentiated AEF status | Huawei, Hisilicon | approved | S6-240495 | - |
| S6-240578 | API based Instantiation for service API discovery | Huawei, Hisilicon | postponed | S6-240496 | - |
| S6-240579 | Consistent use of term "resource owner" | Vodafone | agreed | S6-240501 | - |
| S6-240580 | Consistent use of term "resource owner" | Vodafone | agreed | S6-240502 | - |
| S6-240581 | Reply LS on clarifications on V2X, UAS and SEAL entities acting as EAS | Huawei, Hisilicon | approved | S6-240401 | - |
| S6-240582 | Pseudo-CR on CAPIF Use Case of NEF publishing APIs | Vodafone, Nokia, Nokia Shanghai Bell | approved | S6-240534 | - |
| S6-240583 | SEALDD Background data transfer | Ericsson | agreed | S6-240566 | - |
| S6-240584 | Seamless SEALDD relocation enhancement | Huawei, Hisilicon | agreed | S6-240563 | - |
| S6-240585 | fix the in-consistency of the A-ADRF | Huawei, Hisilicon | revised | S6-240511 | S6-240793 |
| S6-240586 | Revised SID on application enablement for Satellite access enabled 5G services | Samsung | agreed | S6-240411 | - |
| S6-240587 | Add late notification to the network slice adaptation procedures | Huawei, Hisilicon | agreed | S6-240575 | - |
| S6-240588 | Add late notification to the network slice adaptation procedures | Huawei, Hisilicon | agreed | S6-240576 | - |
| S6-240589 | pCR on Solution of downloading data channel application to UE | China Mobile (Hangzhou) Inf. | revised | S6-240173 | S6-240720 |
| S6-240590 | pCR on Solution of configuration of DC application profile | China Mobile (Hangzhou) Inf. | revised | S6-240172 | S6-240721 |
| S6-240591 | KI of Call control conflict handling | China Mobile Com. Corporation | withdrawn | - | - |
| S6-240592 | pCR on key issue of data channel application related capability exposure | Huawei, HiSilicon | postponed | S6-240185 | - |
| S6-240593 | pCR on reference update | CATT | approved | S6-240286 | - |
| S6-240594 | pCR on Architectural requirements | CATT | revised | S6-240281 | S6-240719 |
| S6-240595 | KI on support for ranging / sidelink positioning | Lenovo | revised | S6-240210 | S6-240747 |
| S6-240596 | pCR on solution evaluation for Sol#2: Application enabled Geofencing | CATT | approved | S6-240282 | - |
| S6-240597 | pCR on new solution for KI#3 to reduce response time for LCS QoS | CATT | revised | S6-240283 | S6-240717 |
| S6-240598 | pCR on new solution for KI#3 to improve the LCS QoS accuracy | CATT | postponed | S6-240284 | - |
| S6-240599 | pCR on new solution for KI#4: Enhancement to support location information exposure | CATT | revised | S6-240285 | S6-240718 |
| S6-240600 | FS\_eLSAPP Solution for KI#4 | Convida Wireless LLC | withdrawn | - | - |
| S6-240601 | FS\_5GSAT\_Ph3\_App\_update-KI#1 | Samsung | revised | S6-240351 | S6-240740 |
| S6-240602 | New Key Issue on Edge on board NGSO Satellite | KPN N.V., TNO, Novamint, Sateliot, Avanti, Novamint, Thales, Airbus, SES, DLR, Fraunhofer HHI, Fraunhofer IIS, IRT Saint Exupéry, ESA, Hughes, Satellite, Applications Catapult, Inmarsat, Viasat, CEWiT, Forsway, Omnispace, Lockheed Martin, OQ Technology, Gatehouse Satcom, Magister Solutions, Ericsson, China Mobile | revised | S6-240395 | S6-240741 |
| S6-240603 | New KI on satellite access with discontinuous coverage | Sateliot, CATT, TNO, Novamint | revised | S6-240381 | S6-240733 |
| S6-240604 | Pseudo-CR on new KI on satellite access support for MC services | Ericsson | approved | S6-240164 | - |
| S6-240605 | Resolve Editor's note on simultaneous PSA connectivity in ACR | Vodafone | withdrawn | - | - |
| S6-240606 | Resolve Editor's note on simultaneous PSA connectivity in ACR | Vodafone | withdrawn | - | - |
| S6-240607 | Correction in S-EES executed ACR to CAS | InterDigital Inc. | agreed | S6-240055 | - |
| S6-240608 | Correction in S-EES executed ACR to CAS | InterDigital Inc. | agreed | S6-240056 | - |
| S6-240609 | Remove EDN information in EES Profile | Samsung | withdrawn | - | - |
| S6-240610 | Remove EDN information in EES Profile | Samsung | withdrawn | - | - |
| S6-240611 | Remove EN on EEC triggering service parameter | Samsung | agreed | S6-240079 | - |
| S6-240612 | Correction on ECS registration procedure | Samsung | agreed | S6-240091 | - |
| S6-240613 | Correction on ECS registration procedure | Samsung | agreed | S6-240092 | - |
| S6-240614 | Common EAS procedures – putting together | Samsung, Apple | revised | S6-240095 | S6-240710 |
| S6-240615 | Common EAS procedures – putting together | Samsung, Apple | revised | S6-240096 | S6-240711 |
| S6-240616 | Fix for allowed MNO details IE | Samsung | revised | S6-240097 | S6-240689 |
| S6-240617 | Fix for allowed MNO details IE | Samsung | revised | S6-240098 | S6-240690 |
| S6-240618 | Fix for common EAS aspects for service provisioning procedure | Samsung | postponed | S6-240099 | - |
| S6-240619 | Fix for common EAS aspects for service provisioning procedure | Samsung | postponed | S6-240100 | - |
| S6-240620 | Add missing common EAS removal | Ericsson | agreed | S6-240291 | - |
| S6-240621 | Add missing common EAS removal | Ericsson | withdrawn | - | - |
| S6-240622 | Add missing common EAS removal | Ericsson | revised | - | S6-240716 |
| S6-240623 | Metaverse enablement layer architecture | InterDigital Inc, Convida Wireless, LLC | revised | S6-240060 | S6-240728 |
| S6-240624 | New solution on spatial anchor discovery | InterDigital Inc., Convida Wireless, LLC | revised | S6-240061 | S6-240750 |
| S6-240625 | Solution for spatial anchors management | Samsung | revised | S6-240107 | S6-240752 |
| S6-240626 | Spatial anchor create | Convida Wireless LLC | merged | S6-240362 | S6-240786 |
| S6-240627 | KI Autonomous Virtual Human management | ZTE Corporation | revised | S6-240065 | S6-240729 |
| S6-240628 | KI Digital twin | ZTE Corporation | revised | S6-240067 | S6-240730 |
| S6-240629 | Satellite edge computing | Ericsson | revised | S6-240304 | S6-240742 |
| S6-240630 | new KI on Avatar profile management | Samsung | withdrawn | - | - |
| S6-240631 | Digital Avatars KI | Convida Wireless LLC | approved | S6-240359 | - |
| S6-240632 | new KI on EDGEAPP enhancement | Samsung | postponed | S6-240110 | - |
| S6-240633 | Application coordination KI | Convida Wireless LLC | postponed | S6-240360 | - |
| S6-240634 | KI Coordination XRAPP with MetaverseAPP | ZTE Corporation | postponed | S6-240066 | - |
| S6-240635 | KI Spatial mapping | ZTE Corporation | revised | S6-240069 | S6-240732 |
| S6-240636 | KI#1 Update | ZTE Corporation | revised | - | S6-240734 |
| S6-240637 | Update of KI on exposure of user sensitive information | China Mobile, Convida Wireless LLC | revised | S6-240175 | S6-240735 |
| S6-240638 | SA2 linkage to KI on User Sensitive Information | Apple R&D | approved | S6-240202 | - |
| S6-240639 | new KI on support for content discovery | Samsung | withdrawn | - | - |
| S6-240640 | KI Edge computing for Metaverse | ZTE Corporation | revised | S6-240068 | S6-240731 |
| S6-240641 | KI on discovery and QoS control for metaverse services | Lenovo | revised | S6-240211 | S6-240766 |
| S6-240642 | Definition Updates | Lenovo | approved | S6-240206 | - |
| S6-240643 | Update to solution 1 architecture | Convida Wireless LLC | approved | S6-240355 | - |
| S6-240644 | Update to solution 4 ADAE | Convida Wireless LLC | postponed | S6-240356 | - |
| S6-240645 | update Key issue #1 | China Mobile | revised | S6-240374 | S6-240748 |
| S6-240646 | Addition of study aspects related to AIML service session management in KI#1 | Ericsson Inc. | revised | S6-240382 | S6-240753 |
| S6-240647 | Introducing AIML service session lifecycle assistance procedure | Ericsson Inc. | revised | S6-240380 | S6-240754 |
| S6-240648 | AI/ML model lifecycle management | TNO | revised | S6-240038 | S6-240771 |
| S6-240649 | Solution on Analytics and Assistance Information Collection for Supporting FL Member (Re)Selection | Ericsson | revised | S6-240344 | S6-240722 |
| S6-240650 | Update to KI#7 for the Support of policies and configurations in Application Layer AI/ML Services | Ericsson | revised | S6-240197 | S6-240723 |
| S6-240651 | Solution to KI#7 on AI/ML member selection policies provisioning and management | Ericsson | revised | S6-240196 | S6-240713 |
| S6-240652 | Management of AIML operations | Convida Wireless LLC | approved | S6-240373 | - |
| S6-240653 | Clarify CES service | Ericsson | withdrawn | - | - |
| S6-240654 | Clarify CES service | Ericsson | withdrawn | - | - |
| S6-240655 | EDGEAPP\_R18 clarify EASID(s) description | Samsung | withdrawn | - | - |
| S6-240656 | EDGEAPP\_R19 clarify EASID(s) description | Samsung | withdrawn | - | - |
| S6-240657 | Updates to role mapping between EDGEAPP and GSMA | Samsung | revised | S6-240101 | S6-240746 |
| S6-240658 | Common EAS in partner ECSP | Samsung | revised | S6-240103 | S6-240776 |
| S6-240659 | Service continuity for common EAS (overload situation) | Samsung | revised | S6-240104 | S6-240777 |
| S6-240660 | common EAS selection considering EAS service KPI | Huawei, Hisilicon | postponed | S6-240325 | - |
| S6-240661 | Clarification on EAS discovery for group of UE | Huawei, Hisilicon | postponed | S6-240323 | S6-240767 |
| S6-240662 | Instigating ACR at the edge enabler server (EES) | Vodafone | revised | S6-240082 | S6-240768 |
| S6-240663 | Procedure to select the optimal EAS in ACR | NTT DOCOMO | withdrawn | - | - |
| S6-240664 | Revised SID on study on enhanced application layer support for location services | CATT | revised | S6-240287 | S6-240736 |
| S6-240665 | Pseudo-CR on key issue related to model distribution | Samsung | approved | S6-240106 | - |
| S6-240666 | Solution on AI enabled DN energy analytics | Lenovo | revised | S6-240208 | S6-240760 |
| S6-240667 | Solution on ADAE analytics for tethered devices | Lenovo | withdrawn | - | - |
| S6-240668 | Solution on New ADAE Analytics on UE Capability for Supporting FL Member (Re)Selection | Ericsson | revised | S6-240343 | S6-240724 |
| S6-240669 | Solution on FL event notifications | Lenovo | approved | S6-240207 | - |
| S6-240670 | Introducing AIML requestor initiated AIML services solicitation | Ericsson Inc. | revised | S6-240377 | S6-240714 |
| S6-240671 | Introducing AIML Enablement server initiated AIML service advertisement | Ericsson Inc. | revised | S6-240378 | S6-240715 |
| S6-240672 | Solution on Supporting VFL in Enablement Layer | Ericsson | revised | S6-240345 | S6-240725 |
| S6-240673 | New solution on AIML operation splitting | InterDigital, Europe, Ltd. | revised | S6-240059 | S6-240779 |
| S6-240674 | Solution for KI#5 Support for of AI/ML operation splitting between AI/ML endpoints | Samsung | approved | S6-240105 | - |
| S6-240675 | Solution on Support Split AI/ML Operations in Enablement Layer | Ericsson | revised | S6-240346 | S6-240726 |
| S6-240676 | AI/ML Model storage and discovery procedures improvements | Ericsson, Samsung, TNO | revised | S6-240198 | S6-240727 |
| S6-240677 | Update to solutions 6 | Convida Wireless LLC | approved | S6-240358 | - |
| S6-240678 | Correction on AIML enablement client registration | Huawei, Hisilicon | revised | S6-240328 | S6-240749 |
| S6-240679 | Application enablement architecture for XR services | China Mobile E-Commerce Co. | approved | S6-240151 | - |
| S6-240680 | Multi Modal App Transfer | Convida Wireless LLC | postponed | S6-240365 | - |
| S6-240681 | KI Edge computing for XR | ZTE Corporation | revised | S6-240070 | S6-240709 |
| S6-240682 | KI PIN for AR Glasses tethering | ZTE Corporation | postponed | S6-240071 | - |
| S6-240683 | KI of Coordination between direct UE connection and network based connection for AR/VR services | China Mobile Com. Corporation | approved | S6-240118 | - |
| S6-240684 | KI of Efficient XR content delivery | China Mobile Com. Corporation | postponed | S6-240119 | - |
| S6-240685 | New KI on multi-modal service ID | China Mobile E-Commerce Co. | withdrawn | S6-240152 | - |
| S6-240686 | New KI on transmission enhancement for encrypted traffic | China Mobile E-Commerce Co. | withdrawn | S6-240153 | - |
| S6-240687 | Key Issue on E2E KPI guarantee for XR service | Huawei, Hisilicon | postponed | S6-240262 | - |
| S6-240688 | EAS instantiation enhancement to satisfy E2E KPI requirements for XR application | Huawei, Hisilicon | withdrawn | S6-240264 | - |
| S6-240689 | Fix for allowed MNO details IE | Samsung | revised | S6-240616 | S6-240744 |
| S6-240690 | Fix for allowed MNO details IE | Samsung | revised | S6-240617 | S6-240745 |
| S6-240691 | Service continuity | China Mobile | agreed | S6-240333 | - |
| S6-240692 | EAS instantiation considering different ACR type | Huawei, Hisilicon | revised | S6-240326 | S6-240737 |
| S6-240693 | Federation procedure for EES and EAS triggers | NTT DOCOMO | withdrawn | - | - |
| S6-240694 | Service continuity in ENS via leading ECSP | Ericsson | agreed | S6-240299 | - |
| S6-240695 | Clarification on Federation | Huawei, Hisilicon | revised | S6-240322 | S6-240738 |
| S6-240696 | Resolving EN related to information collection between ECS-ER and partner ECS | NTT DOCOMO | revised | S6-240093 | S6-240756 |
| S6-240697 | Adding EAS synchronization definition | Huawei, Hisilicon | postponed | S6-240324 | - |
| S6-240698 | Clarification on bundle EAS | Huawei, Hisilicon | revised | S6-240321 | S6-240739 |
| S6-240699 | Add Update and Cancellation services of Eees\_TrafficInfluenceEAS | China Mobile | revised | S6-240402 | S6-240757 |
| S6-240700 | Add Update and Cancellation services of Eees\_TrafficInfluenceEAS | China Mobile | revised | S6-240403 | S6-240758 |
| S6-240701 | Sol for KI#1 & KI#2 multi-modal flows alignment | China Mobile | withdrawn | S6-240154 | - |
| S6-240702 | Support multi-modal service identifier in SEALDD | Ericsson | withdrawn | S6-240199 | - |
| S6-240703 | Support multi-modal QoS measurement and exposure in SEALDD | Ericsson | withdrawn | S6-240200 | - |
| S6-240704 | Multi-flow synchronization for multi-modal XR application | Huawei, Hisilicon | postponed | S6-240261 | - |
| S6-240705 | Support multi-modal service in SEALDD | Ericsson | postponed | S6-240306 | - |
| S6-240706 | Multi Modal SEALDD policy config | Convida Wireless LLC | postponed | S6-240366 | - |
| S6-240707 | Policy based Multi Modal SEALDD flow establishment | Convida Wireless LLC | postponed | S6-240367 | - |
| S6-240708 | Business relationship for XR services | China Mobile E-Commerce Co. | approved | S6-240155 | - |
| S6-240709 | KI Edge computing for XR | ZTE Corporation | postponed | S6-240681 | - |
| S6-240710 | Common EAS procedures – putting together | Samsung, Apple | not pursued | S6-240614 | - |
| S6-240711 | Common EAS procedures – putting together | Samsung, Apple | revised | S6-240615 | S6-240743 |
| S6-240712 | KI PIN for AR Glasses tethering | ZTE Corporation | withdrawn | - | - |
| S6-240713 | Solution to KI#7 on AI/ML member selection policies provisioning and management | Ericsson | approved | S6-240651 | - |
| S6-240714 | Introducing AIML requestor initiated AIML services solicitation | Ericsson Inc. | revised | S6-240670 | S6-240773 |
| S6-240715 | Introducing AIML Enablement server initiated AIML service advertisement | Ericsson Inc. | revised | S6-240671 | S6-240755 |
| S6-240716 | Add missing common EAS removal | Ericsson | agreed | S6-240622 | - |
| S6-240717 | pCR on new solution for KI#3 to reduce response time for LCS QoS | CATT | revised | S6-240597 | S6-240770 |
| S6-240718 | pCR on new solution for KI#4: Enhancement to support location information exposure | CATT | approved | S6-240599 | - |
| S6-240719 | pCR on Architectural requirements | CATT | approved | S6-240594 | - |
| S6-240720 | pCR on Solution of downloading data channel application to UE | China Mobile (Hangzhou) Inf. | approved | S6-240589 | - |
| S6-240721 | pCR on Solution of configuration of DC application profile | China Mobile (Hangzhou) Inf. | approved | S6-240590 | - |
| S6-240722 | Solution on Analytics and Assistance Information Collection for Supporting FL Member (Re)Selection | Ericsson | revised | S6-240649 | S6-240759 |
| S6-240723 | Update to KI#7 for the Support of policies and configurations in Application Layer AI/ML Services | Ericsson | approved | S6-240650 | - |
| S6-240724 | Solution on New ADAE Analytics on UE Capability for Supporting FL Member (Re)Selection | Ericsson | postponed | S6-240668 | S6-240761 |
| S6-240725 | Solution on Supporting VFL in Enablement Layer | Ericsson | revised | S6-240672 | S6-240763 |
| S6-240726 | Solution on Support Split AI/ML Operations in Enablement Layer | Ericsson | revised | S6-240675 | S6-240764 |
| S6-240727 | AI/ML Model storage and discovery procedures improvements | Ericsson, Samsung, TNO | revised | S6-240676 | S6-240765 |
| S6-240728 | Metaverse enablement layer architecture | InterDigital Inc., Convida Wireless LLC, Samsung, Huawei | approved | S6-240623 | - |
| S6-240729 | KI Autonomous Virtual Human management | ZTE Corporation | postponed | S6-240627 | - |
| S6-240730 | KI Digital twin | ZTE Corporation | postponed | S6-240628 | - |
| S6-240731 | KI Edge computing for Metaverse | ZTE Corporation | postponed | S6-240640 | - |
| S6-240732 | KI Spatial mapping | ZTE Corporation | approved | S6-240635 | - |
| S6-240733 | New KI on satellite access with discontinuous coverage | Sateliot, CATT, TNO, Novamint | approved | S6-240603 | - |
| S6-240734 | KI#1 Update | ZTE Corporation | revised | S6-240636 | S6-240775 |
| S6-240735 | Update of KI on exposure of user sensitive information | China Mobile, Convida Wireless LLC | approved | S6-240637 | - |
| S6-240736 | Revised SID on study on enhanced application layer support for location services | CATT | revised | S6-240664 | S6-240780 |
| S6-240737 | EAS instantiation considering different ACR type | Huawei, Hisilicon | revised | S6-240692 | S6-240769 |
| S6-240738 | Clarification on Federation | Huawei, Hisilicon | agreed | S6-240695 | - |
| S6-240739 | Clarification on bundle EAS | Huawei, Hisilicon | agreed | S6-240698 | - |
| S6-240740 | FS\_5GSAT\_Ph3\_App\_update-KI#1 | Samsung | approved | S6-240601 | - |
| S6-240741 | New Key Issue on Edge on board NGSO Satellite | KPN N.V., TNO, Novamint, Sateliot, Avanti, Novamint, Thales, Airbus, SES, DLR, Fraunhofer HHI, Fraunhofer IIS, IRT Saint Exupéry, ESA, Hughes, Satellite, Applications Catapult, Inmarsat, Viasat, CEWiT, Forsway, Omnispace, Lockheed Martin, OQ Technology, Gatehouse Satcom, Magister Solutions, Ericsson, China Mobile | approved | S6-240602 | - |
| S6-240742 | Satellite edge computing | Ericsson | approved | S6-240629 | - |
| S6-240743 | Common EAS procedures – putting together | Samsung, Apple | revised | S6-240711 | S6-240772 |
| S6-240744 | Fix for allowed MNO details IE | Samsung | agreed | S6-240689 | - |
| S6-240745 | Fix for allowed MNO details IE | Samsung | agreed | S6-240690 | - |
| S6-240746 | Updates to role mapping between EDGEAPP and GSMA | Samsung | agreed | S6-240657 | - |
| S6-240747 | KI on support for ranging / sidelink positioning | Lenovo | approved | S6-240595 | - |
| S6-240748 | update Key issue #1 | China Mobile, Ericsson | approved | S6-240645 | - |
| S6-240749 | Correction on AIML enablement client registration | Huawei, Hisilicon | approved | S6-240678 | - |
| S6-240750 | New solution on spatial anchor discovery | InterDigital Inc., Convida Wireless, LLC | approved | S6-240624 | - |
| S6-240751 | New Key Issue on Supporting UE access to another UE’s resources | Nokia, Nokia Shanghai Bell | approved | S6-240494 | - |
| S6-240752 | Solution for spatial anchors management | Samsung | revised | S6-240625 | S6-240786 |
| S6-240753 | Addition of study aspects related to AIML service session management in KI#1 | Ericsson Inc. | approved | S6-240646 | - |
| S6-240754 | Introducing AIML service session lifecycle assistance procedure | Ericsson Inc. | approved | S6-240647 | - |
| S6-240755 | Introducing AIML Enablement server initiated AIML service advertisement | Ericsson Inc. | approved | S6-240715 | - |
| S6-240756 | Resolving EN related to information collection between ECS-ER and partner ECS | NTT DOCOMO | agreed | S6-240696 | - |
| S6-240757 | Add Update and Cancellation services of Eees\_TrafficInfluenceEAS | China Mobile | agreed | S6-240699 | - |
| S6-240758 | Add Update and Cancellation services of Eees\_TrafficInfluenceEAS | China Mobile | agreed | S6-240700 | - |
| S6-240759 | Solution on Analytics and Assistance Information Collection for Supporting FL Member (Re)Selection | Ericsson | approved | S6-240722 | - |
| S6-240760 | Solution on AI enabled DN energy analytics | Lenovo | approved | S6-240666 | - |
| S6-240761 | Solution on New ADAE Analytics on UE Capability for Supporting FL Member (Re)Selection | Ericsson | withdrawn | S6-240724 | - |
| S6-240762 | Solution on FL event notifications | Lenovo | withdrawn | - | - |
| S6-240763 | Solution on Supporting VFL in Enablement Layer | Ericsson | revised | S6-240725 | S6-240791 |
| S6-240764 | Solution on Support Split AI/ML Operations in Enablement Layer | Ericsson | postponed | S6-240726 | - |
| S6-240765 | AI/ML Model storage and discovery procedures improvements | Ericsson, Samsung, TNO | postponed | S6-240727 | - |
| S6-240766 | KI on discovery and QoS control for metaverse services | Lenovo | approved | S6-240641 | - |
| S6-240767 | Clarification on EAS discovery for group of UE | Huawei, Hisilicon | withdrawn | S6-240661 | - |
| S6-240768 | Instigating ACR at the edge enabler server (EES) | Vodafone | postponed | S6-240662 | - |
| S6-240769 | EAS instantiation considering different ACR type | Huawei, Hisilicon, InterDigital | agreed | S6-240737 | - |
| S6-240770 | pCR on new solution for KI#3 to reduce response time for LCS QoS | CATT | revised | S6-240717 | S6-240789 |
| S6-240771 | AI/ML model lifecycle management | TNO, Ericsson | approved | S6-240648 | - |
| S6-240772 | Common EAS procedures – putting together | Samsung, Apple | agreed | S6-240743 | - |
| S6-240773 | Introducing AIML requestor initiated AIML services solicitation | Ericsson Inc. | approved | S6-240714 | - |
| S6-240774 | pCR on Solution of Application calling service | Huawei, HiSilicon | revised | S6-240572 | S6-240788 |
| S6-240775 | KI#1 Update | ZTE Corporation | approved | S6-240734 | - |
| S6-240776 | Common EAS in partner ECSP | Samsung | agreed | S6-240658 | - |
| S6-240777 | Service continuity for common EAS (overload situation) | Samsung | revised | S6-240659 | S6-240787 |
| S6-240778 | Enhancements to Slice requirement verification and alignment capability | Ericsson Inc. | agreed | S6-240565 | - |
| S6-240779 | New solution on AIML operation splitting | InterDigital, Europe, Ltd. | approved | S6-240673 | - |
| S6-240780 | Revised SID on study on enhanced application layer support for location services | CATT | agreed | S6-240736 | - |
| S6-240781 | Complete API for regular data transmission procedure | Huawei, Hisilicon | agreed | S6-240479 | - |
| S6-240782 | Complete API for regular data transmission procedure | Huawei, Hisilicon | agreed | S6-240480 | - |
| S6-240783 | New Key Issue on Supporting resource owner authentication | Nokia, Nokia Shanghai Bell | approved | S6-240490 | - |
| S6-240784 | pCR on eMMTel high level architecture align with 3GPP TS 23.228 | China Mobile | approved | S6-240571 | - |
| S6-240785 | Addition of study aspects related to AIML service session management in KI#1 | Ericsson Inc. | withdrawn | - | - |
| S6-240786 | Solution for spatial anchors management | Samsung | approved | S6-240752 | - |
| S6-240787 | Service continuity for common EAS (overload situation) | Samsung | revised | S6-240777 | S6-240790 |
| S6-240788 | pCR on Solution of Application calling service | Huawei, HiSilicon | approved | S6-240774 | - |
| S6-240789 | pCR on new solution for KI#3 to reduce response time for LCS QoS | CATT | approved | S6-240770 | - |
| S6-240790 | Service continuity for common EAS (overload situation) | Samsung | revised | S6-240787 | S6-240792 |
| S6-240791 | Solution on Supporting VFL in Enablement Layer | Ericsson | approved | S6-240763 | - |
| S6-240792 | Service continuity for common EAS (overload situation) | Samsung | agreed | S6-240790 | - |
| S6-240793 | fix the in-consistency of the A-ADRF | Huawei, Hisilicon | agreed | S6-240585 | - |

## Annex B: List of change requests

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Spec | CR | Rev | Rel | Cat | WI | Decision |
| S6-240043 | Align cross-references to the appropriate subclauses of TS 33.122 | Apple R&D | 23.222 | 0151 | - | Rel-19 | D | TEI19 | revised |
| S6-240535 | Align cross-references to the appropriate subclauses of TS 33.122 | Apple R&D | 23.222 | 0151 | 1 | Rel-19 | D | TEI19 | agreed |
| S6-240044 | Responsibilities of CAPIF API provider domain functions | Vodafone | 23.222 | 0152 | - | Rel-19 | F | CAPIF | revised |
| S6-240536 | Responsibilities of CAPIF API provider domain functions | Vodafone | 23.222 | 0152 | 1 | Rel-19 | F | TEI19, CAPIF | agreed |
| S6-240046 | Consistent use of term "resource owner" | Vodafone | 23.222 | 0153 | - | Rel-18 | F | SNAAPP | revised |
| S6-240501 | Consistent use of term "resource owner" | Vodafone | 23.222 | 0153 | 1 | Rel-18 | F | SNAAPP | revised |
| S6-240579 | Consistent use of term "resource owner" | Vodafone | 23.222 | 0153 | 2 | Rel-18 | F | SNAAPP | agreed |
| S6-240047 | Consistent use of term "resource owner" | Vodafone | 23.222 | 0154 | - | Rel-19 | A | SNAAPP | revised |
| S6-240502 | Consistent use of term "resource owner" | Vodafone | 23.222 | 0154 | 1 | Rel-19 | A | SNAAPP | revised |
| S6-240580 | Consistent use of term "resource owner" | Vodafone | 23.222 | 0154 | 2 | Rel-19 | A | SNAAPP | agreed |
| S6-240062 | Editorial correction for topology hiding | ZTE Corporation | 23.222 | 0155 | - | Rel-17 | F | eCAPIF | not pursued |
| S6-240063 | Editorial correction for topology hiding | ZTE Corporation | 23.222 | 0156 | - | Rel-18 | A | eCAPIF | not pursued |
| S6-240064 | Editorial correction for topology hiding | ZTE Corporation | 23.222 | 0157 | - | Rel-19 | A | eCAPIF | revised |
| S6-240489 | Editorial correction for topology hiding | ZTE Corporation | 23.222 | 0157 | 1 | Rel-19 | D | TEI 19, eCAPIF | revised |
| S6-240564 | Editorial correction for topology hiding | ZTE Corporation | 23.222 | 0157 | 2 | Rel-19 | D | TEI19 | agreed |
| S6-240379 | Correction cardinality IE service API unpublish for CAPIF interconnection | Nokia, Nokia Shanghai Bell | 23.222 | 0158 | - | Rel-19 | F | TEI19 | revised |
| S6-240497 | Correction cardinality IE service API unpublish for CAPIF interconnection | Nokia, Nokia Shanghai Bell | 23.222 | 0158 | 1 | Rel-19 | F | TEI19 | agreed |
| S6-240040 | Support for real time UAV flight path monitoring | InterDigital | 23.255 | 0050 | 3 | Rel-19 | B | UASAPP\_Ph3 | revised |
| S6-240545 | Support for real time UAV flight path monitoring | InterDigital | 23.255 | 0050 | 4 | Rel-19 | B | UASAPP\_Ph3 | agreed |
| S6-240048 | Require QoS along UAV planned flight path | Deutsche Telekom AG | 23.255 | 0052 | - | Rel-19 | B | UASAPP\_Ph3 | revised |
| S6-240546 | Require QoS along UAV planned flight path | Deutsche Telekom AG | 23.255 | 0052 | 1 | Rel-19 | B | UASAPP\_Ph3 | revised |
| S6-240548 | Require QoS along UAV planned flight path | Deutsche Telekom AG | 23.255 | 0052 | 2 | Rel-19 | B | UASAPP\_Ph3 | agreed |
| S6-240388 | Simultaneous link support for UTM-Navigated C2 and clarifications | KPN N.V. | 23.255 | 0053 | - | Rel-19 | B | UASAPP\_Ph3 | revised |
| S6-240547 | Simultaneous link support for UTM-Navigated C2 and clarifications | KPN N.V., Deutsche Telekom | 23.255 | 0053 | 1 | Rel-19 | B | UASAPP\_Ph3 | agreed |
| S6-240033 | Single Hop UE to UE Relay for MCX in 5G Systems | FirstNet, Nokia, Nokia Shanghai Bell, AT&T | 23.280 | 0503 | - | Rel-19 | B | enhMC | noted |
| S6-240034 | Reference Architecture for MCX Service Logging | Motorola Solutions UK Ltd. | 23.280 | 0504 | - | Rel-19 | B | enhMC | revised |
| S6-240428 | Reference Architecture for MCX Service Logging | Motorola Solutions UK Ltd. | 23.280 | 0504 | 1 | Rel-19 | B | enhMC | withdrawn |
| S6-240037 | Reference Points for MCX Services Logging | Motorola Solutions UK Ltd. | 23.280 | 0505 | - | Rel-19 | B | enhMC | postponed |
| S6-240094 | ACM providing interconnection MC service group ID | BDBOS | 23.280 | 0506 | - | Rel-19 | B | MCShAC | revised |
| S6-240433 | ACM providing interconnection MC service group ID | BDBOS | 23.280 | 0506 | 1 | Rel-19 | B | MCShAC | agreed |
| S6-240113 | ACM user migration management | BDBOS | 23.280 | 0507 | - | Rel-19 | B | MCShAC | revised |
| S6-240434 | ACM user migration management | BDBOS | 23.280 | 0507 | 1 | Rel-19 | B | MCShAC | agreed |
| S6-240115 | ACM updating MC service UE initial configuration for migration | BDBOS | 23.280 | 0508 | - | Rel-19 | B | MCShAC | revised |
| S6-240435 | ACM updating MC service UE initial configuration for migration | BDBOS | 23.280 | 0508 | 1 | Rel-19 | B | MCShAC | agreed |
| S6-240116 | ACM updating MC service user profiles assigned from partner MC system | BDBOS | 23.280 | 0509 | - | Rel-19 | B | MCShAC | revised |
| S6-240436 | ACM updating MC service user profiles assigned from partner MC system | BDBOS | 23.280 | 0509 | 1 | Rel-19 | B | MCShAC | agreed |
| S6-240125 | Clarification on MC GW UE features | Huawei, Hisilicon | 23.280 | 0510 | - | Rel-18 | F | MCGWUE | postponed |
| S6-240126 | Clarification on MC GW UE features | Huawei, Hisilicon | 23.280 | 0511 | - | Rel-19 | A | MCGWUE | postponed |
| S6-240127 | Functional model update and clarification | Huawei, Hisilicon | 23.280 | 0512 | - | Rel-18 | F | MCGWUE | postponed |
| S6-240128 | Functional model update and clarification | Huawei, Hisilicon | 23.280 | 0513 | - | Rel-19 | A | MCGWUE | postponed |
| S6-240129 | Clarification on MC gateway UE definition | Huawei, Hisilicon | 23.280 | 0514 | - | Rel-18 | F | MCGWUE | postponed |
| S6-240130 | Clarification on MC gateway UE definition | Huawei, Hisilicon | 23.280 | 0515 | - | Rel-19 | A | MCGWUE | postponed |
| S6-240131 | Corrections to the IP model figures | Huawei, Hisilicon | 23.280 | 0516 | - | Rel-18 | F | MCGWUE | revised |
| S6-240421 | Corrections to the IP model figures | Huawei, Hisilicon | 23.280 | 0516 | 1 | Rel-18 | F | MCGWUE | agreed |
| S6-240132 | Corrections to the IP model figures | Huawei, Hisilicon | 23.280 | 0517 | - | Rel-19 | A | MCGWUE | revised |
| S6-240422 | Corrections to the IP model figures | Huawei, Hisilicon | 23.280 | 0517 | 1 | Rel-19 | A | MCGWUE | agreed |
| S6-240133 | Corrections of the connection authorization | Huawei, Hisilicon | 23.280 | 0518 | - | Rel-19 | B | FRMCS\_Ph5 | postponed |
| S6-240137 | MBS service area update failure cause handling | Huawei, Hisilicon | 23.280 | 0519 | - | Rel-19 | B | enhMC | withdrawn |
| S6-240161 | Alignments regarding HTTP-3 and SIP-3 | Ericsson | 23.280 | 0520 | - | Rel-19 | F | enhMC | agreed |
| S6-240162 | Minor corrections in clause 10.11 | Ericsson | 23.280 | 0521 | - | Rel-19 | F | enhMC | revised |
| S6-240427 | Minor corrections in clause 10.11 | Ericsson | 23.280 | 0521 | 1 | Rel-19 | F | enhMC | revised |
| S6-240446 | Minor corrections in clause 10.11 | Ericsson | 23.280 | 0521 | 2 | Rel-19 | F | enhMC | agreed |
| S6-240163 | APN for MC media | Ericsson | 23.280 | 0522 | - | Rel-19 | C | enhMC | postponed |
| S6-240217 | Clarification on MC GW UE features | Huawei, Hisilicon | 23.280 | 0523 | - | Rel-18 | F | MCGWUE | withdrawn |
| S6-240218 | Clarification on MC GW UE features | Huawei, Hisilicon | 23.280 | 0524 | - | Rel-19 | A | MCGWUE | withdrawn |
| S6-240219 | Functional model update and clarification | Huawei, Hisilicon | 23.280 | 0525 | - | Rel-18 | F | MCGWUE | withdrawn |
| S6-240220 | Functional model update and clarification | Huawei, Hisilicon | 23.280 | 0526 | - | Rel-19 | A | MCGWUE | withdrawn |
| S6-240221 | Clarification on MC gateway UE definition | Huawei, Hisilicon | 23.280 | 0527 | - | Rel-18 | F | MCGWUE | withdrawn |
| S6-240222 | Clarification on MC gateway UE definition | Huawei, Hisilicon | 23.280 | 0528 | - | Rel-19 | A | MCGWUE | withdrawn |
| S6-240223 | Corrections to the IP model figures | Huawei, Hisilicon | 23.280 | 0529 | - | Rel-18 | F | MCGWUE | withdrawn |
| S6-240224 | Corrections to the IP model figures | Huawei, Hisilicon | 23.280 | 0530 | - | Rel-19 | A | MCGWUE | withdrawn |
| S6-240225 | Corrections of the connection authorization | Huawei, Hisilicon | 23.280 | 0531 | - | Rel-19 | B | FRMCS\_Ph5 | withdrawn |
| S6-240242 | MC Group ID(s) for location subscription and cancellation and affiliation in Location information | HOME OFFICE | 23.280 | 0532 | - | Rel-19 | F | enhMC | revised |
| S6-240396 | MC Group ID(s) for location subscription and cancellation and affiliation in Location information | HOME OFFICE | 23.280 | 0532 | 1 | Rel-19 | F | enhMC | not pursued |
| S6-240244 | Reporting success or failure of an ad hoc group emergency alert initiation request (multiple MC systems) | Nokia, Nokia Shanghai Bell | 23.280 | 0533 | - | Rel-18 | F | MC\_AHGC | revised |
| S6-240442 | Reporting success or failure of an ad hoc group emergency alert initiation request (multiple MC systems) | Nokia, Nokia Shanghai Bell | 23.280 | 0533 | 1 | Rel-18 | F | MC\_AHGC | agreed |
| S6-240245 | Reporting success or failure of an ad hoc group emergency alert initiation request (multiple MC systems) | Nokia, Nokia Shanghai Bell | 23.280 | 0534 | - | Rel-19 | A | MC\_AHGC | revised |
| S6-240443 | Reporting success or failure of an ad hoc group emergency alert initiation request (multiple MC systems) | Nokia, Nokia Shanghai Bell | 23.280 | 0534 | 1 | Rel-19 | A | MC\_AHGC | agreed |
| S6-240246 | Reporting success or failure of an ad hoc group emergency alert cancel request (multiple MC systems) | Nokia, Nokia Shanghai Bell | 23.280 | 0535 | - | Rel-18 | F | MC\_AHGC | revised |
| S6-240444 | Reporting success or failure of an ad hoc group emergency alert cancel request (multiple MC systems) | Nokia, Nokia Shanghai Bell | 23.280 | 0535 | 1 | Rel-18 | F | MC\_AHGC | agreed |
| S6-240247 | Reporting success or failure of an ad hoc group emergency alert cancel request (multiple MC systems) | Nokia, Nokia Shanghai Bell | 23.280 | 0536 | - | Rel-19 | A | MC\_AHGC | revised |
| S6-240445 | Reporting success or failure of an ad hoc group emergency alert cancel request (multiple MC systems) | Nokia, Nokia Shanghai Bell | 23.280 | 0536 | 1 | Rel-19 | A | MC\_AHGC | agreed |
| S6-240248 | Reporting success or failure of an ad hoc group emergency alert modify criteria request | Nokia, Nokia Shanghai Bell | 23.280 | 0537 | - | Rel-19 | F | enhMC | agreed |
| S6-240249 | Reporting success or failure of an ad hoc group emergency alert modify criteria request (multiple MC systems) | Nokia, Nokia Shanghai Bell | 23.280 | 0538 | - | Rel-19 | F | enhMC | agreed |
| S6-240250 | Removal of procedure 10.1.6.2 on signalling plane registration between MC systems | Nokia, Nokia Shanghai Bell | 23.280 | 0539 | - | Rel-15 | F | MCSMI | revised |
| S6-240412 | Removal of procedure 10.1.6.2 on signalling plane registration between MC systems | Nokia, Nokia Shanghai Bell | 23.280 | 0539 | 1 | Rel-15 | F | MCSMI | agreed |
| S6-240251 | Removal of procedure 10.1.6.2 on signalling plane registration between MC systems | Nokia, Nokia Shanghai Bell | 23.280 | 0540 | - | Rel-16 | A | MCSMI | agreed |
| S6-240413 | Removal of procedure 10.1.6.2 on signalling plane registration between MC systems | Nokia, Nokia Shanghai Bell | 23.280 | 0540 | 1 | Rel-16 | A | MCSMI | agreed |
| S6-240252 | Removal of procedure 10.1.6.2 on signalling plane registration between MC systems | Nokia, Nokia Shanghai Bell | 23.280 | 0541 | - | Rel-17 | A | MCSMI | revised |
| S6-240414 | Removal of procedure 10.1.6.2 on signalling plane registration between MC systems | Nokia, Nokia Shanghai Bell | 23.280 | 0541 | 1 | Rel-17 | A | MCSMI | agreed |
| S6-240253 | Removal of procedure 10.1.6.2 on signalling plane registration between MC systems | Nokia, Nokia Shanghai Bell | 23.280 | 0542 | - | Rel-18 | A | MCSMI | revised |
| S6-240415 | Removal of procedure 10.1.6.2 on signalling plane registration between MC systems | Nokia, Nokia Shanghai Bell | 23.280 | 0542 | 1 | Rel-18 | A | MCSMI | agreed |
| S6-240254 | Removal of procedure 10.1.6.2 on signalling plane registration between MC systems | Nokia, Nokia Shanghai Bell | 23.280 | 0543 | - | Rel-19 | A | MCSMI | revised |
| S6-240416 | Removal of procedure 10.1.6.2 on signalling plane registration between MC systems | Nokia, Nokia Shanghai Bell | 23.280 | 0543 | 1 | Rel-19 | A | MCSMI | agreed |
| S6-240258 | Connection authorization and connection disconnection procedure updates | Nokia, Nokia Shanghai Bell | 23.280 | 0544 | - | Rel-18 | F | MCGWUE | postponed |
| S6-240259 | Connection authorization and connection disconnection procedure updates | Nokia, Nokia Shanghai Bell | 23.280 | 0545 | - | Rel-19 | A | MCGWUE | postponed |
| S6-240288 | Multiple logon device location reporting clarification | HOME OFFICE | 23.280 | 0546 | - | Rel-19 | F | enhMC | revised |
| S6-240397 | Multiple logon device location reporting clarification | HOME OFFICE | 23.280 | 0546 | 1 | Rel-19 | F | enhMC | revised |
| S6-240440 | Multiple logon device location reporting clarification | HOME OFFICE | 23.280 | 0546 | 2 | Rel-19 | F | enhMC | agreed |
| S6-240371 | Determine MC gateway UE access network information | Samsung | 23.280 | 0547 | - | Rel-18 | F | MCGWUE | postponed |
| S6-240372 | Determine MC gateway UE access network information | Samsung | 23.280 | 0548 | - | Rel-19 | A | MCGWUE | postponed |
| S6-240389 | Correction of Information Flow 10.17.2.5 - Group membership update response | BDBOS | 23.280 | 0549 | - | Rel-19 | F | MCShAC | revised |
| S6-240437 | Correction of Information Flow 10.17.2.5 - Group membership update response | BDBOS | 23.280 | 0549 | 1 | Rel-19 | F | MCShAC | agreed |
| S6-240256 | Change list of participants when criteria was used to setup the ad hoc group call (MCVideo) | Nokia, Nokia Shanghai Bell | 23.281 | 0207 | 1 | Rel-19 | B | FRMCS\_Ph5 | revised |
| S6-240430 | Change list of participants when criteria was used to setup the ad hoc group call (MCVideo) | Nokia, Nokia Shanghai Bell | 23.281 | 0207 | 2 | Rel-19 | B | FRMCS\_Ph5 | agreed |
| S6-240073 | Correcting flow name for ad hoc group call in MCVideo | Hytera Communications Corp. | 23.281 | 0210 | - | Rel-18 | F | MC\_AHGC | agreed |
| S6-240074 | Correcting flow name for ad hoc group call in MCVideo | Hytera Communications Corp. | 23.281 | 0211 | - | Rel-19 | A | MC\_AHGC | agreed |
| S6-240135 | Correction of GW MC service ID | Huawei, Hisilicon | 23.281 | 0212 | - | Rel-19 | B | FRMCS\_Ph5 | postponed |
| S6-240139 | Support both user list and criteria in a ad hoc group call | Huawei, Hisilicon | 23.281 | 0213 | - | Rel-19 | B | enhMC | merged |
| S6-240227 | Correction of GW MC service ID-MCVideo | Huawei, Hisilicon | 23.281 | 0214 | - | Rel-19 | B | FRMCS\_Ph5 | withdrawn |
| S6-240231 | Support both user list and criteria in a ad hoc group call-MCVideo | Huawei, Hisilicon | 23.281 | 0215 | - | Rel-19 | B | enhMC | withdrawn |
| S6-240257 | Change list of participants when criteria was used to setup the ad hoc group call (MCData) | Nokia, Nokia Shanghai Bell | 23.282 | 0342 | 1 | Rel-19 | B | FRMCS\_Ph5 | revised |
| S6-240431 | Change list of participants when criteria was used to setup the ad hoc group call (MCData) | Nokia, Nokia Shanghai Bell | 23.282 | 0342 | 2 | Rel-19 | B | FRMCS\_Ph5 | agreed |
| S6-240136 | Correction of GW MC service ID | Huawei, Hisilicon | 23.282 | 0345 | - | Rel-19 | B | FRMCS\_Ph5 | postponed |
| S6-240140 | Support both user list and criteria in a ad hoc group call | Huawei, Hisilicon | 23.282 | 0346 | - | Rel-19 | B | enhMC | merged |
| S6-240228 | Correction of GW MC service ID-MCData | Huawei, Hisilicon | 23.282 | 0347 | - | Rel-19 | B | FRMCS\_Ph5 | withdrawn |
| S6-240232 | Support both user list and criteria in a ad hoc group call-MCData | Huawei, Hisilicon | 23.282 | 0348 | - | Rel-19 | B | enhMC | withdrawn |
| S6-240370 | Information flows and procedures to support ad hoc group standalone file distribution using HTTP procedures | Samsung | 23.282 | 0349 | - | Rel-19 | B | FRMCS\_Ph5 | postponed |
| S6-240083 | Alignments of 23.289 Rel-18 with other specs | AT&T Labs, Inc | 23.289 | 0113 | - | Rel-18 | F | MCOver5MBS, FS\_5MBS\_Ph2, MCOver5MBS, 5MBS\_Ph2 | revised |
| S6-240417 | Alignments of 23.289 Rel-18 with other specs | AT&T Labs, Inc | 23.289 | 0113 | 1 | Rel-18 | F | MCOver5MBS, FS\_5MBS\_Ph2, MCOver5MBS, 5MBS\_Ph2 | agreed |
| S6-240159 | MBS service area handling | Ericsson | 23.289 | 0114 | - | Rel-18 | C | MCOver5MBS | postponed |
| S6-240160 | MBS service area handling (mirror) | Ericsson | 23.289 | 0115 | - | Rel-19 | A | MCOver5MBS | postponed |
| S6-240229 | MBS service area update failure cause handling | Huawei, Hisilicon | 23.289 | 0116 | - | Rel-19 | B | enhMC | postponed |
| S6-240418 | Alignments of 23.289 Rel-19 with other specs | AT&T Labs, Inc | 23.289 | 0117 | - | Rel-19 | A | MCOver5MBS, FS\_5MBS\_Ph2, MCOver5MBS, 5MBS\_Ph2 | agreed |
| S6-240243 | Floor control priority when using multi-talker control | Nokia, Nokia Shanghai Bell | 23.379 | 0400 | 1 | Rel-19 | B | FRMCS\_Ph5 | revised |
| S6-240441 | Correction on List of members which can talk in a multi-talker group | Nokia, Nokia Shanghai Bell | 23.379 | 0400 | 2 | Rel-19 | F | FRMCS\_Ph5 | agreed |
| S6-240255 | Change list of participants when criteria was used to setup the ad hoc group call (MCPTT) | Nokia, Nokia Shanghai Bell | 23.379 | 0401 | 1 | Rel-19 | B | FRMCS\_Ph5 | revised |
| S6-240429 | Change list of participants when criteria was used to setup the ad hoc group call (MCPTT) | Nokia, Nokia Shanghai Bell | 23.379 | 0401 | 2 | Rel-19 | B | FRMCS\_Ph5 | agreed |
| S6-240041 | MCPTT Logging Reference Architecture. | Motorola Solutions UK Ltd. | 23.379 | 0405 | - | Rel-19 | B | enhMC | withdrawn |
| S6-240042 | Reference points for MCPTT Service Logging. | Motorola Solutions UK Ltd. | 23.379 | 0406 | - | Rel-19 | B | enhMC | withdrawn |
| S6-240122 | Void the clause 10.6.2.9.3.3 | Huawei, Hisilicon | 23.379 | 0407 | - | Rel-18 | F | enh4MCPTT | revised |
| S6-240419 | Void the clause 10.6.2.9.3.3 | Huawei, Hisilicon | 23.379 | 0407 | 1 | Rel-18 | F | enh4MCPTT | agreed |
| S6-240123 | Void the clause 10.6.2.9.3.3 | Huawei, Hisilicon | 23.379 | 0408 | - | Rel-19 | A | enh4MCPTT | revised |
| S6-240420 | Void the clause 10.6.2.9.3.3 | Huawei, Hisilicon | 23.379 | 0408 | 1 | Rel-19 | A | enh4MCPTT | agreed |
| S6-240134 | Correction of GW MC service ID | Huawei, Hisilicon | 23.379 | 0409 | - | Rel-19 | B | FRMCS\_Ph5 | postponed |
| S6-240138 | Support both user list and criteria in a ad hoc group call | Huawei, Hisilicon | 23.379 | 0410 | - | Rel-19 | B | enhMC | merged |
| S6-240214 | Void the clause 10.6.2.9.3.3 | Huawei, Hisilicon | 23.379 | 0411 | - | Rel-18 | F | enh4MCPTT | withdrawn |
| S6-240215 | Void the clause 10.6.2.9.3.3 | Huawei, Hisilicon | 23.379 | 0412 | - | Rel-19 | A | enh4MCPTT | withdrawn |
| S6-240226 | Correction of GW MC service ID-MCPTT | Huawei, Hisilicon | 23.379 | 0413 | - | Rel-19 | B | FRMCS\_Ph5 | withdrawn |
| S6-240230 | Support both user list and criteria in a ad hoc group call-MCPTT | Huawei, Hisilicon | 23.379 | 0414 | - | Rel-19 | B | enhMC | withdrawn |
| S6-240392 | Re-determine the pre-configured group used for end-to-end security | Samsung | 23.379 | 0415 | - | Rel-19 | B | FRMCS\_Ph5 | postponed |
| S6-240267 | Clarification on content delivery in SEALDD-S interface | Huawei, Hisilicon | 23.433 | 0029 | - | Rel-19 | F | SEALDD\_Ph2 | revised |
| S6-240487 | Clarification on content delivery in SEALDD-S interface | Huawei, Hisilicon | 23.433 | 0029 | 1 | Rel-19 | F | SEALDD\_Ph2 | agreed |
| S6-240268 | Clarification on media delivery functionality in SEALDD | Huawei, Hisilicon | 23.433 | 0030 | - | Rel-19 | F | SEALDD\_Ph2 | revised |
| S6-240488 | Clarification on media delivery functionality in SEALDD | Huawei, Hisilicon | 23.433 | 0030 | 1 | Rel-19 | F | SEALDD\_Ph2 | revised |
| S6-240562 | Clarification on media delivery functionality in SEALDD | Huawei, Hisilicon | 23.433 | 0030 | 2 | Rel-19 | F | SEALDD\_Ph2 | agreed |
| S6-240269 | Clarification on SEALDD server discovery for SEALDD client | Huawei, Hisilicon | 23.433 | 0031 | - | Rel-19 | F | SEALDD\_Ph2 | revised |
| S6-240524 | Clarification on SEALDD server discovery for SEALDD client | Huawei, Hisilicon | 23.433 | 0031 | 1 | Rel-19 | F | SEALDD\_Ph2 | postponed |
| S6-240271 | Seamless SEALDD relocation enhancement | Huawei, Hisilicon | 23.433 | 0032 | - | Rel-19 | B | SEALDD\_Ph2 | revised |
| S6-240525 | Seamless SEALDD relocation enhancement | Huawei, Hisilicon | 23.433 | 0032 | 1 | Rel-19 | B | SEALDD\_Ph2 | revised |
| S6-240563 | Seamless SEALDD relocation enhancement | Huawei, Hisilicon | 23.433 | 0032 | 2 | Rel-19 | B | SEALDD\_Ph2 | revised |
| S6-240584 | Seamless SEALDD relocation enhancement | Huawei, Hisilicon | 23.433 | 0032 | 3 | Rel-19 | B | SEALDD\_Ph2 | agreed |
| S6-240272 | Alignment on VAL UE identity and VAL user identity | Huawei, Hisilicon | 23.433 | 0033 | - | Rel-18 | F | SEALDD | agreed |
| S6-240273 | Alignment on VAL UE identity and VAL user identity | Huawei, Hisilicon | 23.433 | 0034 | - | Rel-19 | A | SEALDD | agreed |
| S6-240274 | Complete API for regular data transmission procedure | Huawei, Hisilicon | 23.433 | 0035 | - | Rel-18 | F | SEALDD | revised |
| S6-240479 | Complete API for regular data transmission procedure | Huawei, Hisilicon | 23.433 | 0035 | 1 | Rel-18 | F | SEALDD | revised |
| S6-240781 | Complete API for regular data transmission procedure | Huawei, Hisilicon | 23.433 | 0035 | 2 | Rel-18 | F | SEALDD | agreed |
| S6-240275 | Complete API for regular data transmission procedure | Huawei, Hisilicon | 23.433 | 0036 | - | Rel-19 | A | SEALDD | revised |
| S6-240480 | Complete API for regular data transmission procedure | Huawei, Hisilicon | 23.433 | 0036 | 1 | Rel-19 | A | SEALDD | revised |
| S6-240782 | Complete API for regular data transmission procedure | Huawei, Hisilicon | 23.433 | 0036 | 2 | Rel-19 | A | SEALDD | agreed |
| S6-240276 | Complete API for stored data transfer procedure | Huawei, Hisilicon | 23.433 | 0037 | - | Rel-18 | F | SEALDD | revised |
| S6-240481 | Complete API for stored data transfer procedure | Huawei, Hisilicon | 23.433 | 0037 | 1 | Rel-18 | F | SEALDD | agreed |
| S6-240277 | Complete API for stored data transfer procedure | Huawei, Hisilicon | 23.433 | 0038 | - | Rel-19 | A | SEALDD | revised |
| S6-240482 | Complete API for stored data transfer procedure | Huawei, Hisilicon | 23.433 | 0038 | 1 | Rel-19 | A | SEALDD | agreed |
| S6-240278 | Complete API for SEALDD URLLC transmission connection release | Huawei, Hisilicon | 23.433 | 0039 | - | Rel-18 | F | SEALDD | merged |
| S6-240279 | Complete API for SEALDD URLLC transmission connection release | Huawei, Hisilicon | 23.433 | 0040 | - | Rel-19 | A | SEALDD | merged |
| S6-240307 | Add release operation for URLLC connection | Ericsson | 23.433 | 0041 | - | Rel-18 | F | SEALDD | revised |
| S6-240483 | Add release operation for URLLC connection | Ericsson, Huawei | 23.433 | 0041 | 1 | Rel-18 | F | SEALDD | agreed |
| S6-240308 | Add release operation for URLLC connection | Ericsson | 23.433 | 0042 | - | Rel-19 | A | SEALDD | revised |
| S6-240484 | Add release operation for URLLC connection | Ericsson, Huawei | 23.433 | 0042 | 1 | Rel-19 | A | SEALDD | agreed |
| S6-240309 | Correct NRM and SEALDD interaction | Ericsson | 23.433 | 0043 | - | Rel-18 | F | SEALDD | revised |
| S6-240521 | Correct NRM and SEALDD interaction | Ericsson | 23.433 | 0043 | 1 | Rel-18 | F | SEALDD | revised |
| S6-240568 | Correct NRM and SEALDD interaction | Ericsson | 23.433 | 0043 | 2 | Rel-18 | F | SEALDD | agreed |
| S6-240310 | Correct NRM and SEALDD interaction | Ericsson | 23.433 | 0044 | - | Rel-19 | A | SEALDD | revised |
| S6-240522 | Correct NRM and SEALDD interaction | Ericsson | 23.433 | 0044 | 1 | Rel-19 | A | SEALDD | revised |
| S6-240569 | Correct NRM and SEALDD interaction | Ericsson | 23.433 | 0044 | 2 | Rel-19 | A | SEALDD | agreed |
| S6-240311 | Correct regular transmission procedure | Ericsson | 23.433 | 0045 | - | Rel-18 | F | SEALDD | agreed |
| S6-240312 | Correct regular transmission procedure | Ericsson | 23.433 | 0046 | - | Rel-19 | A | SEALDD | agreed |
| S6-240313 | Correct Sdd\_TransmissionQualityMeasurement API | Ericsson | 23.433 | 0047 | - | Rel-18 | F | SEALDD | agreed |
| S6-240314 | Correct Sdd\_TransmissionQualityMeasurement API | Ericsson | 23.433 | 0048 | - | Rel-19 | A | SEALDD | agreed |
| S6-240315 | Correct URLLC transmission procedure | Ericsson | 23.433 | 0049 | - | Rel-18 | F | SEALDD | agreed |
| S6-240316 | Correct URLLC transmission procedure | Ericsson | 23.433 | 0050 | - | Rel-19 | A | SEALDD | agreed |
| S6-240317 | SEALDD Background data transfer | Ericsson | 23.433 | 0051 | - | Rel-19 | B | SEALDD\_Ph2 | revised |
| S6-240486 | SEALDD Background data transfer | Ericsson | 23.433 | 0051 | 1 | Rel-19 | B | SEALDD\_Ph2 | revised |
| S6-240566 | SEALDD Background data transfer | Ericsson | 23.433 | 0051 | 2 | Rel-19 | B | SEALDD\_Ph2 | revised |
| S6-240583 | SEALDD Background data transfer | Ericsson | 23.433 | 0051 | 3 | Rel-19 | B | SEALDD\_Ph2 | agreed |
| S6-240318 | Correct IE presence condition | Ericsson | 23.433 | 0052 | - | Rel-19 | F | SEALDD\_Ph2 | agreed |
| S6-240375 | Enhancements to SEALDD architecture | Ericsson | 23.433 | 0053 | - | Rel-19 | B | SEALDD\_Ph2 | postponed |
| S6-240376 | E2E redundant transport for SEALDD using dual UE – dual UP | Ericsson | 23.433 | 0054 | - | Rel-19 | B | SEALDD\_Ph2 | postponed |
| S6-240141 | MBS service area update failure cause handling at NRM | Huawei, Hisilicon | 23.434 | 0282 | - | Rel-19 | B | TEI19, SEAL\_Ph3 | postponed |
| S6-240191 | UE identifiers correction in the SS\_LocationAreaInfoRetrieval API | Ericsson | 23.434 | 0283 | - | Rel-17 | F | eSEAL | revised |
| S6-240447 | UE identifiers correction in the SS\_LocationAreaInfoRetrieval API | Ericsson | 23.434 | 0283 | 1 | Rel-17 | F | eSEAL | agreed |
| S6-240192 | UE identifiers correction in the SS\_LocationAreaInfoRetrieval API | Ericsson | 23.434 | 0284 | - | Rel-18 | A | eSEAL | revised |
| S6-240448 | UE identifiers correction in the SS\_LocationAreaInfoRetrieval API | Ericsson | 23.434 | 0284 | 1 | Rel-18 | A | eSEAL | agreed |
| S6-240193 | UE identifiers correction in the SS\_LocationAreaInfoRetrieval API | Ericsson | 23.434 | 0285 | - | Rel-19 | A | eSEAL | revised |
| S6-240449 | UE identifiers correction in the SS\_LocationAreaInfoRetrieval API | Ericsson | 23.434 | 0285 | 1 | Rel-19 | A | eSEAL | agreed |
| S6-240194 | Termination indication in the SS\_NetworkResourceMonitoring API | Ericsson | 23.434 | 0286 | - | Rel-19 | B | TEI19, eSEAL | revised |
| S6-240526 | Termination indication in the SS\_NetworkResourceMonitoring API | Ericsson | 23.434 | 0286 | 1 | Rel-19 | B | TEI19, eSEAL | agreed |
| S6-240195 | Monitoring profiles in the SS\_NetworkResourceMonitoring API | Ericsson | 23.434 | 0287 | - | Rel-19 | B | TEI19, eSEAL | postponed |
| S6-240233 | MBS service area update failure cause handling at NRM | Huawei, Hisilicon | 23.434 | 0288 | - | Rel-19 | B | TEI19, SEAL\_Ph3 | withdrawn |
| S6-240301 | Correct IE presence condition | Ericsson | 23.434 | 0289 | - | Rel-17 | F | eSEAL | agreed |
| S6-240302 | Correct IE presence condition | Ericsson | 23.434 | 0290 | - | Rel-18 | A | eSEAL | agreed |
| S6-240303 | Correct IE presence condition | Ericsson | 23.434 | 0291 | - | Rel-19 | A | eSEAL | agreed |
| S6-240319 | NRM Network resource adaptation enhancement for BDT | Ericsson | 23.434 | 0292 | - | Rel-19 | B | SEALDD\_Ph2 | revised |
| S6-240523 | NRM Network resource adaptation enhancement for BDT | Ericsson | 23.434 | 0292 | 1 | Rel-19 | B | SEALDD\_Ph2 | agreed |
| S6-240383 | Enhancements to NRM reliable transmission API | Ericsson Inc. | 23.434 | 0293 | - | Rel-19 | B | eSEAL | postponed |
| S6-240114 | IE Name and Reference Corrections | China Mobile Com. Corporation | 23.435 | 0007 | - | Rel-18 | F | NSCALE | agreed |
| S6-240142 | Fault diagnosis subscription request | Huawei, Hisilicon | 23.435 | 0008 | - | Rel-18 | F | NSCALE | revised |
| S6-240512 | Fault diagnosis subscription request | Huawei, Hisilicon | 23.435 | 0008 | 1 | Rel-18 | F | NSCALE | revised |
| S6-240570 | Fault diagnosis subscription request | Huawei, Hisilicon | 23.435 | 0008 | 2 | Rel-18 | F | NSCALE | agreed |
| S6-240143 | Fault diagnosis subscription request | Huawei, Hisilicon | 23.435 | 0009 | - | Rel-19 | A | TEI19, NSCALE | revised |
| S6-240513 | Fault diagnosis subscription request | Huawei, Hisilicon | 23.435 | 0009 | 1 | Rel-19 | A | TEI19, NSCALE | agreed |
| S6-240144 | Add late notification to the network slice adaptation procedures | Huawei, Hisilicon | 23.435 | 0010 | - | Rel-18 | F | NSCALE | revised |
| S6-240514 | Add late notification to the network slice adaptation procedures | Huawei, Hisilicon | 23.435 | 0010 | 1 | Rel-18 | F | NSCALE | revised |
| S6-240575 | Add late notification to the network slice adaptation procedures | Huawei, Hisilicon | 23.435 | 0010 | 2 | Rel-18 | F | NSCALE | revised |
| S6-240587 | Add late notification to the network slice adaptation procedures | Huawei, Hisilicon | 23.435 | 0010 | 3 | Rel-18 | F | NSCALE | agreed |
| S6-240145 | Add late notification to the network slice adaptation procedures | Huawei, Hisilicon | 23.435 | 0011 | - | Rel-19 | A | TEI19, NSCALE | revised |
| S6-240515 | Add late notification to the network slice adaptation procedures | Huawei, Hisilicon | 23.435 | 0011 | 1 | Rel-19 | A | TEI19, NSCALE | revised |
| S6-240576 | Add late notification to the network slice adaptation procedures | Huawei, Hisilicon | 23.435 | 0011 | 2 | Rel-19 | A | TEI19, NSCALE | revised |
| S6-240588 | Add late notification to the network slice adaptation procedures | Huawei, Hisilicon | 23.435 | 0011 | 3 | Rel-19 | A | TEI19, NSCALE | agreed |
| S6-240188 | Correction of Area of interest | China Mobile E-Commerce Co. | 23.435 | 0012 | - | Rel-18 | F | NSCALE | revised |
| S6-240516 | Correction of Area of interest | China Mobile E-Commerce Co. | 23.435 | 0012 | 1 | Rel-18 | F | NSCALE | revised |
| S6-240556 | Correction of Area of interest | China Mobile E-Commerce Co. | 23.435 | 0012 | 2 | Rel-18 | F | NSCALE | agreed |
| S6-240234 | Correct the Fault diagnosis subscription request information flow | Huawei, Hisilicon | 23.435 | 0013 | - | Rel-18 | F | NSCALE | withdrawn |
| S6-240235 | Correct the Fault diagnosis subscription request information flow | Huawei, Hisilicon | 23.435 | 0014 | - | Rel-19 | A | TEI19, NSCALE | withdrawn |
| S6-240236 | Add late notification to the network slice adaptation procedures | Huawei, Hisilicon | 23.435 | 0015 | - | Rel-18 | F | NSCALE | withdrawn |
| S6-240237 | Add late notification to the network slice adaptation procedures | Huawei, Hisilicon | 23.435 | 0016 | - | Rel-19 | A | TEI19, NSCALE | withdrawn |
| S6-240386 | Enhancements to Slice requirement verification and alignment capability | Ericsson Inc. | 23.435 | 0017 | - | Rel-19 | B | TEI19, NSCALE | revised |
| S6-240518 | Enhancements to Slice requirement verification and alignment capability | Ericsson Inc. | 23.435 | 0017 | 1 | Rel-19 | B | TEI19, NSCALE | revised |
| S6-240565 | Enhancements to Slice requirement verification and alignment capability | Ericsson Inc. | 23.435 | 0017 | 2 | Rel-19 | B | TEI19, NSCALE | revised |
| S6-240778 | Enhancements to Slice requirement verification and alignment capability | Ericsson Inc. | 23.435 | 0017 | 3 | Rel-19 | B | TEI19, NSCALE | agreed |
| S6-240517 | Correction of Area of interest | China Mobile E-Commerce Co. | 23.435 | 0018 | - | Rel-19 | A | NSCALE | revised |
| S6-240557 | Correction of Area of interest | China Mobile E-Commerce Co. | 23.435 | 0018 | 1 | Rel-19 | A | NSCALE | agreed |
| S6-240520 | IE Name and Reference Corrections | China Mobile Com. Corporation | 23.435 | 0019 | - | Rel-19 | A | NSCALE | revised |
| S6-240555 | IE Name and Reference Corrections | China Mobile Com. Corporation | 23.435 | 0019 | 1 | Rel-19 | A | NSCALE | agreed |
| S6-240519 | IE Name and Reference Corrections | China Mobile Com. Corporation | 23.435 | XXX | 1 | Rel-18 | F | NSCALE | agreed |
| S6-240289 | Correct edge load analytics | Ericsson | 23.436 | 0015 | - | Rel-18 | F | ADAES | agreed |
| S6-240290 | Correct registration | Ericsson | 23.436 | 0016 | - | Rel-18 | F | ADAES | agreed |
| S6-240330 | clarification on A-DCCF | Huawei, Hisilicon | 23.436 | 0017 | - | Rel-18 | F | ADAES | postponed |
| S6-240331 | correct the analytics type in the message | Huawei, Hisilicon | 23.436 | 0018 | - | Rel-18 | F | ADAES | not pursued |
| S6-240332 | fix the in-consistency of the A-ADRF | Huawei, Hisilicon | 23.436 | 0019 | - | Rel-18 | F | ADAES | revised |
| S6-240511 | fix the in-consistency of the A-ADRF | Huawei, Hisilicon | 23.436 | 0019 | 1 | Rel-18 | F | ADAES | revised |
| S6-240585 | fix the in-consistency of the A-ADRF | Huawei, Hisilicon | 23.436 | 0019 | 2 | Rel-18 | F | ADAES | revised |
| S6-240793 | fix the in-consistency of the A-ADRF | Huawei, Hisilicon | 23.436 | 0019 | 3 | Rel-18 | F | ADAES | agreed |
| S6-240336 | Updates to Application Performance Analytics and API | Ericsson | 23.436 | 0020 | - | Rel-18 | B | ADAES | revised |
| S6-240504 | Updates to Application Performance Analytics and API | Ericsson | 23.436 | 0020 | 1 | Rel-18 | B | ADAES | agreed |
| S6-240337 | Updates to Slice-specific Application Performance Analytics and API | Ericsson | 23.436 | 0021 | - | Rel-18 | B | ADAES | revised |
| S6-240505 | Updates to Slice-specific Application Performance Analytics and API | Ericsson | 23.436 | 0021 | 1 | Rel-18 | B | ADAES | revised |
| S6-240558 | Updates to Slice-specific Application Performance Analytics and API | Ericsson | 23.436 | 0021 | 2 | Rel-18 | B | ADAES | agreed |
| S6-240338 | Updates to UE-to-UE Application Performance Analytics and API | Ericsson | 23.436 | 0022 | - | Rel-18 | B | ADAES | revised |
| S6-240506 | Updates to UE-to-UE Application Performance Analytics and API | Ericsson | 23.436 | 0022 | 1 | Rel-18 | B | ADAES | revised |
| S6-240559 | Updates to UE-to-UE Application Performance Analytics and API | Ericsson | 23.436 | 0022 | 2 | Rel-18 | B | ADAES | agreed |
| S6-240339 | Updates to Location Accuracy Analytics and API | Ericsson | 23.436 | 0023 | - | Rel-18 | B | ADAES | revised |
| S6-240507 | Updates to Location Accuracy Analytics and API | Ericsson | 23.436 | 0023 | 1 | Rel-18 | B | ADAES | agreed |
| S6-240340 | Updates to Service API Analytics and API | Ericsson | 23.436 | 0024 | - | Rel-18 | B | ADAES | revised |
| S6-240508 | Updates to Service API Analytics and API | Ericsson | 23.436 | 0024 | 1 | Rel-18 | B | ADAES | revised |
| S6-240560 | Updates to Service API Analytics and API | Ericsson | 23.436 | 0024 | 2 | Rel-18 | B | ADAES | agreed |
| S6-240341 | Updates to Slice Usage Pattern Analytics and API | Ericsson | 23.436 | 0025 | - | Rel-18 | B | ADAES | revised |
| S6-240509 | Updates to Slice Usage Pattern Analytics and API | Ericsson | 23.436 | 0025 | 1 | Rel-18 | B | ADAES | revised |
| S6-240561 | Updates to Slice Usage Pattern Analytics and API | Ericsson | 23.436 | 0025 | 2 | Rel-18 | B | ADAES | agreed |
| S6-240342 | Updates to Edge Load Analytics and API | Ericsson | 23.436 | 0026 | - | Rel-18 | B | ADAES | revised |
| S6-240510 | Updates to Edge Load Analytics and API | Ericsson | 23.436 | 0026 | 1 | Rel-18 | B | ADAES | agreed |
| S6-240051 | Resolving EN on PEGC/PEMC authorization | InterDigital Inc. | 23.542 | 0048 | - | Rel-18 | F | PINAPP | revised |
| S6-240539 | Resolving EN on PEGC/PEMC authorization | InterDigital Inc. | 23.542 | 0048 | 1 | Rel-18 | F | PINAPP | agreed |
| S6-240052 | Resolving EN on CAPIF usage | InterDigital Inc., Nokia, Nokia Shanghai Bell | 23.542 | 0049 | - | Rel-18 | F | PINAPP | revised |
| S6-240540 | Resolving EN on CAPIF usage | InterDigital Inc., Nokia, Nokia Shanghai Bell | 23.542 | 0049 | 1 | Rel-18 | F | PINAPP | agreed |
| S6-240053 | Resolving EN on enhanced PIN security aspects | InterDigital Inc. | 23.542 | 0050 | - | Rel-18 | F | PINAPP | revised |
| S6-240541 | Resolving EN on enhanced PIN security aspects | InterDigital Inc. | 23.542 | 0050 | 1 | Rel-18 | F | PINAPP | agreed |
| S6-240054 | Resolving EN on Annex A.1 | InterDigital Inc. | 23.542 | 0051 | - | Rel-18 | F | PINAPP | revised |
| S6-240542 | Resolving EN on Annex A.1 | InterDigital Inc. | 23.542 | 0051 | 1 | Rel-18 | F | PINAPP | agreed |
| S6-240089 | Correction of authorization | vivo | 23.542 | 0052 | - | Rel-18 | F | PINAPP | revised |
| S6-240543 | Correction of authorization | vivo | 23.542 | 0052 | 1 | Rel-18 | F | PINAPP | agreed |
| S6-240090 | Correction of Additional PEMCs | vivo | 23.542 | 0053 | - | Rel-18 | F | PINAPP | revised |
| S6-240544 | Correction of Additional PEMCs | vivo | 23.542 | 0053 | 1 | Rel-18 | F | PINAPP | agreed |
| S6-240029 | A Constrained UE cannot be triggered | one2many B.V. | 23.554 | 0192 | - | Rel-18 | F | 5GMARCH\_Ph2 | revised |
| S6-240031 | A Constrained UE cannot be triggered | one2many | 23.554 | 0192 | 1 | Rel-18 | F | 5GMARCH\_Ph2 | not pursued |
| S6-240030 | A Constrained UE cannot be triggered | one2many | 23.554 | 0193 | - | Rel-19 | A | 5GMARCH\_Ph3 | not pursued |
| S6-240084 | Resolving\_EN\_52 | Huawei, Hisilicon | 23.554 | 0194 | - | Rel-19 | F | 5GMARCH\_Ph3 | merged |
| S6-240085 | update of clause 8.11 | Huawei, Hisilicon | 23.554 | 0195 | - | Rel-19 | F | 5GMARCH\_Ph3 | revised |
| S6-240537 | update of clause 8.11 | Huawei, Hisilicon | 23.554 | 0195 | 1 | Rel-19 | F | 5GMARCH\_Ph3 | agreed |
| S6-240086 | Delete the element of UE service ID in the Constrained device selecting MSGin5G Gateway UE procedure | Huawei, Hisilicon | 23.554 | 0196 | - | Rel-18 | F | 5GMARCH\_Ph2 | postponed |
| S6-240087 | Updates APIs provided by MSGin5G Server | Huawei, Hisilicon | 23.554 | 0197 | - | Rel-18 | F | 5GMARCH\_Ph2 | not pursued |
| S6-240176 | Correction on Message response | China Mobile | 23.554 | 0198 | - | Rel-18 | F | 5GMARCH\_Ph2 | revised |
| S6-240498 | Correction on Message response | China Mobile | 23.554 | 0198 | 1 | Rel-18 | F | 5GMARCH\_Ph2 | agreed |
| S6-240177 | Correction on Message response | China Mobile | 23.554 | 0199 | - | Rel-19 | A | 5GMARCH\_Ph2 | revised |
| S6-240499 | Correction on Message response | China Mobile | 23.554 | 0199 | 1 | Rel-19 | A | 5GMARCH\_Ph2 | agreed |
| S6-240178 | Correction on supported MSGin5G segment size and he procedure of segmentation | China Mobile Com. Corporation | 23.554 | 0200 | - | Rel-18 | F | 5GMARCH\_Ph2 | agreed |
| S6-240179 | Correction on supported MSGin5G segment size and he procedure of segmentation | China Mobile | 23.554 | 0201 | - | Rel-19 | A | 5GMARCH\_Ph2 | agreed |
| S6-240182 | Solve EN in 5.2 | China Mobile | 23.554 | 0202 | - | Rel-19 | C | 5GMARCH\_Ph3 | revised |
| S6-240500 | Solve EN in 5.2 | China Mobile | 23.554 | 0202 | 1 | Rel-19 | C | 5GMARCH\_Ph3 | agreed |
| S6-240186 | Remove EN in 8.1.2 | China Mobile | 23.554 | 0203 | - | Rel-19 | F | 5GMARCH\_Ph3 | agreed |
| S6-240187 | Application Server in Group messaging | China Mobile | 23.554 | 0204 | - | Rel-19 | C | 5GMARCH\_Ph3 | revised |
| S6-240538 | Application Server in Group messaging | China Mobile | 23.554 | 0204 | 1 | Rel-19 | C | 5GMARCH\_Ph3 | postponed |
| S6-240075 | Remove EDN information in EES Profile | Samsung | 23.558 | 0473 | 3 | Rel-18 | F | EDGEAPP\_Ph2 | postponed |
| S6-240102 | Service Continuity for ENS | Samsung, Ericsson | 23.558 | 0526 | 3 | Rel-19 | B | EDGEAPP\_Ph3 | merged |
| S6-240103 | Common EAS in partner ECSP | Samsung | 23.558 | 0528 | 1 | Rel-19 | B | EDGEAPP\_Ph3 | revised |
| S6-240658 | Common EAS in partner ECSP | Samsung | 23.558 | 0528 | 2 | Rel-19 | B | EDGEAPP\_Ph3 | revised |
| S6-240776 | Common EAS in partner ECSP | Samsung | 23.558 | 0528 | 3 | Rel-19 | B | EDGEAPP\_Ph3 | agreed |
| S6-240049 | Resolve Editor's note on simultaneous PSA connectivity in ACR | Vodafone | 23.558 | 0551 | - | Rel-18 | F | EDGEAPP\_Ph2 | postponed |
| S6-240050 | Resolve Editor's note on simultaneous PSA connectivity in ACR | Vodafone | 23.558 | 0552 | - | Rel-19 | A | EDGEAPP\_Ph2 | postponed |
| S6-240055 | Correction in S-EES executed ACR to CAS | InterDigital Inc. | 23.558 | 0553 | - | Rel-18 | F | EDGEAPP\_Ph2 | revised |
| S6-240607 | Correction in S-EES executed ACR to CAS | InterDigital Inc. | 23.558 | 0553 | 1 | Rel-18 | F | EDGEAPP\_Ph2 | agreed |
| S6-240056 | Correction in S-EES executed ACR to CAS | InterDigital Inc. | 23.558 | 0554 | - | Rel-19 | A | EDGEAPP\_Ph3 | revised |
| S6-240608 | Correction in S-EES executed ACR to CAS | InterDigital Inc. | 23.558 | 0554 | 1 | Rel-19 | A | EDGEAPP\_Ph2 | agreed |
| S6-240057 | Correction to EAS Information Provisioning request type | InterDigital Inc. | 23.558 | 0555 | - | Rel-18 | F | EDGEAPP\_Ph2 | postponed |
| S6-240058 | Correction to EAS Information Provisioning request type | InterDigital Inc. | 23.558 | 0556 | - | Rel-19 | A | EDGEAPP\_Ph3 | postponed |
| S6-240076 | Remove EDN information in EES Profile | Samsung | 23.558 | 0557 | - | Rel-19 | A | EDGEAPP\_Ph2 | postponed |
| S6-240077 | Remove EN on EAS ID definition | Samsung | 23.558 | 0558 | - | Rel-18 | F | EDGEAPP\_Ph2 | agreed |
| S6-240078 | Remove EN on EAS ID definition | Samsung | 23.558 | 0559 | - | Rel-19 | A | EDGEAPP\_Ph2 | agreed |
| S6-240079 | Remove EN on EEC triggering service parameter | Samsung | 23.558 | 0560 | - | Rel-18 | F | EDGEAPP\_Ph2 | revised |
| S6-240611 | Remove EN on EEC triggering service parameter | Samsung | 23.558 | 0560 | 1 | Rel-18 | F | EDGEAPP\_Ph2 | agreed |
| S6-240082 | Instigating ACR at the edge enabler server (EES) | Vodafone | 23.558 | 0561 | - | Rel-19 | C | EDGEAPP\_Ph3 | revised |
| S6-240662 | Instigating ACR at the edge enabler server (EES) | Vodafone | 23.558 | 0561 | 1 | Rel-19 | C | EDGEAPP\_Ph3 | revised |
| S6-240768 | Instigating ACR at the edge enabler server (EES) | Vodafone | 23.558 | 0561 | 2 | Rel-19 | C | EDGEAPP\_Ph3 | postponed |
| S6-240091 | Correction on ECS registration procedure | Samsung | 23.558 | 0562 | - | Rel-18 | F | EDGEAPP\_Ph2 | revised |
| S6-240612 | Correction on ECS registration procedure | Samsung | 23.558 | 0562 | 1 | Rel-18 | F | EDGEAPP\_Ph2 | agreed |
| S6-240092 | Correction on ECS registration procedure | Samsung | 23.558 | 0563 | - | Rel-19 | A | EDGEAPP\_Ph2 | agreed |
| S6-240613 | Correction on ECS registration procedure | Samsung | 23.558 | 0563 | 1 | Rel-19 | A | EDGEAPP\_Ph2 | agreed |
| S6-240093 | Resolving EN related to information collection between ECS-ER and partner ECS | NTT DOCOMO | 23.558 | 0564 | - | Rel-19 | B | EDGEAPP\_Ph3 | revised |
| S6-240696 | Resolving EN related to information collection between ECS-ER and partner ECS | NTT DOCOMO | 23.558 | 0564 | 1 | Rel-19 | B | EDGEAPP\_Ph3 | revised |
| S6-240756 | Resolving EN related to information collection between ECS-ER and partner ECS | NTT DOCOMO | 23.558 | 0564 | 2 | Rel-19 | B | EDGEAPP\_Ph3 | agreed |
| S6-240095 | Common EAS procedures – putting together | Samsung, Apple | 23.558 | 0565 | - | Rel-18 | F | EDGEAPP\_Ph2 | revised |
| S6-240614 | Common EAS procedures – putting together | Samsung, Apple | 23.558 | 0565 | 1 | Rel-18 | F | EDGEAPP\_Ph2 | revised |
| S6-240710 | Common EAS procedures – putting together | Samsung, Apple | 23.558 | 0565 | 2 | Rel-18 | F | EDGEAPP\_Ph2 | not pursued |
| S6-240096 | Common EAS procedures – putting together | Samsung, Apple | 23.558 | 0566 | - | Rel-19 | A | EDGEAPP\_Ph2 | revised |
| S6-240615 | Common EAS procedures – putting together | Samsung, Apple | 23.558 | 0566 | 1 | Rel-19 | A | EDGEAPP\_Ph2 | revised |
| S6-240711 | Common EAS procedures – putting together | Samsung, Apple | 23.558 | 0566 | 2 | Rel-19 | A | EDGEAPP\_Ph2 | revised |
| S6-240743 | Common EAS procedures – putting together | Samsung, Apple | 23.558 | 0566 | 3 | Rel-19 | B | EDGEAPP\_Ph2 | revised |
| S6-240772 | Common EAS procedures – putting together | Samsung, Apple | 23.558 | 0566 | 4 | Rel-19 | B | EDGEAPP\_Ph3 | agreed |
| S6-240097 | Fix for allowed MNO details IE | Samsung | 23.558 | 0567 | - | Rel-18 | F | EDGEAPP\_Ph2 | revised |
| S6-240616 | Fix for allowed MNO details IE | Samsung | 23.558 | 0567 | 1 | Rel-18 | F | EDGEAPP\_Ph2 | revised |
| S6-240689 | Fix for allowed MNO details IE | Samsung | 23.558 | 0567 | 2 | Rel-18 | F | EDGEAPP\_Ph2 | revised |
| S6-240744 | Fix for allowed MNO details IE | Samsung | 23.558 | 0567 | 3 | Rel-18 | F | EDGEAPP\_Ph2 | agreed |
| S6-240098 | Fix for allowed MNO details IE | Samsung | 23.558 | 0568 | - | Rel-19 | A | EDGEAPP\_Ph2 | revised |
| S6-240617 | Fix for allowed MNO details IE | Samsung | 23.558 | 0568 | 1 | Rel-19 | A | EDGEAPP\_Ph2 | revised |
| S6-240690 | Fix for allowed MNO details IE | Samsung | 23.558 | 0568 | 2 | Rel-19 | A | EDGEAPP\_Ph2 | revised |
| S6-240745 | Fix for allowed MNO details IE | Samsung | 23.558 | 0568 | 3 | Rel-19 | A | EDGEAPP\_Ph2 | agreed |
| S6-240099 | Fix for common EAS aspects for service provisioning procedure | Samsung | 23.558 | 0569 | - | Rel-18 | F | EDGEAPP\_Ph2 | revised |
| S6-240618 | Fix for common EAS aspects for service provisioning procedure | Samsung | 23.558 | 0569 | 1 | Rel-18 | F | EDGEAPP\_Ph2 | postponed |
| S6-240100 | Fix for common EAS aspects for service provisioning procedure | Samsung | 23.558 | 0570 | - | Rel-19 | A | EDGEAPP\_Ph2 | revised |
| S6-240619 | Fix for common EAS aspects for service provisioning procedure | Samsung | 23.558 | 0570 | 1 | Rel-19 | A | EDGEAPP\_Ph2 | postponed |
| S6-240104 | Service continuity for common EAS (overload situation) | Samsung | 23.558 | 0571 | - | Rel-19 | B | EDGEAPP\_Ph3 | revised |
| S6-240659 | Service continuity for common EAS (overload situation) | Samsung | 23.558 | 0571 | 1 | Rel-19 | B | EDGEAPP\_Ph3 | revised |
| S6-240777 | Service continuity for common EAS (overload situation) | Samsung | 23.558 | 0571 | 2 | Rel-19 | B | EDGEAPP\_Ph3 | revised |
| S6-240787 | Service continuity for common EAS (overload situation) | Samsung | 23.558 | 0571 | 3 | Rel-19 | B | EDGEAPP\_Ph3 | revised |
| S6-240790 | Service continuity for common EAS (overload situation) | Samsung | 23.558 | 0571 | 4 | Rel-19 | B | EDGEAPP\_Ph3 | revised |
| S6-240792 | Service continuity for common EAS (overload situation) | Samsung | 23.558 | 0571 | 5 | Rel-19 | B | EDGEAPP\_Ph3 | agreed |
| S6-240203 | Procedure to select the optimal EAS in ACR | NTT DOCOMO | 23.558 | 0572 | - | Rel-19 | B | EDGEAPP\_Ph3 | postponed |
| S6-240204 | Federation procedure for EES and EAS triggers | NTT DOCOMO INC.. | 23.558 | 0573 | - | Rel-19 | B | EDGEAPP\_Ph3 | withdrawn |
| S6-240205 | Editorial corrections regarding EDGEAPP | NTT DOCOMO INC.. | 23.558 | 0574 | - | Rel-18 | F | EDGEAPP\_Ph2 | withdrawn |
| S6-240240 | Federation procedure for EES and EAS triggers | NTT DOCOMO | 23.558 | 0575 | - | Rel-19 | B | EDGEAPP\_Ph3 | postponed |
| S6-240241 | Editorial corrections regarding EDGEAPP | NTT DOCOMO INC.. | 23.558 | 0576 | - | Rel-19 | F | EDGEAPP\_Ph2 | withdrawn |
| S6-240260 | Editorial corrections regarding EDGEAPP | NTT DOCOMO INC.. | 23.558 | 0577 | - | Rel-19 | F | EDGEAPP\_Ph2 | revised |
| S6-240400 | Editorial corrections regarding EDGEAPP | NTT DOCOMO INC.. | 23.558 | 0577 | 1 | Rel-19 | F | EDGEAPP\_Ph2 | agreed |
| S6-240291 | Add missing common EAS removal | Ericsson | 23.558 | 0578 | - | Rel-18 | F | EDGEAPP\_Ph2 | revised |
| S6-240620 | Add missing common EAS removal | Ericsson | 23.558 | 0578 | 1 | Rel-18 | F | EDGEAPP\_Ph2 | agreed |
| S6-240292 | Add missing common EAS removal | Ericsson | 23.558 | 0579 | - | Rel-19 | A | EDGEAPP\_Ph2 | merged |
| S6-240293 | CAS consumes EES services | Ericsson | 23.558 | 0580 | - | Rel-18 | F | EDGEAPP\_Ph2 | revised |
| S6-240450 | CAS consumes EES services | Ericsson | 23.558 | 0580 | 1 | Rel-18 | F | EDGEAPP\_Ph2 | agreed |
| S6-240294 | CAS consumes EES services | Ericsson | 23.558 | 0581 | - | Rel-19 | A | EDGEAPP\_Ph2 | revised |
| S6-240451 | CAS consumes EES services | Ericsson | 23.558 | 0581 | 1 | Rel-19 | A | EDGEAPP\_Ph2 | agreed |
| S6-240295 | CES consumes EEL services | Ericsson | 23.558 | 0582 | - | Rel-18 | F | EDGEAPP\_Ph2 | agreed |
| S6-240296 | CES consumes EEL services | Ericsson | 23.558 | 0583 | - | Rel-19 | A | EDGEAPP\_Ph2 | agreed |
| S6-240297 | Clarify CES service | Ericsson | 23.558 | 0584 | - | Rel-18 | F | EDGEAPP\_Ph2 | agreed |
| S6-240298 | Clarify CES service | Ericsson | 23.558 | 0585 | - | Rel-19 | A | EDGEAPP\_Ph2 | agreed |
| S6-240299 | Service continuity in ENS via leading ECSP | Ericsson | 23.558 | 0586 | - | Rel-19 | B | EDGEAPP\_Ph3 | revised |
| S6-240694 | Service continuity in ENS via leading ECSP | Ericsson | 23.558 | 0586 | 1 | Rel-19 | B | EDGEAPP\_Ph3 | agreed |
| S6-240300 | Correct IE presence condition | Ericsson | 23.558 | 0587 | - | Rel-19 | F | EDGEAPP\_Ph3 | agreed |
| S6-240321 | Clarification on bundle EAS | Huawei, Hisilicon | 23.558 | 0588 | - | Rel-19 | F | EDGEAPP\_Ph3 | revised |
| S6-240698 | Clarification on bundle EAS | Huawei, Hisilicon | 23.558 | 0588 | 1 | Rel-19 | F | EDGEAPP\_Ph3 | revised |
| S6-240739 | Clarification on bundle EAS | Huawei, Hisilicon | 23.558 | 0588 | 2 | Rel-19 | F | EDGEAPP\_Ph3 | agreed |
| S6-240322 | Clarification on Federation | Huawei, Hisilicon | 23.558 | 0589 | - | Rel-19 | F | EDGEAPP\_Ph3 | revised |
| S6-240695 | Clarification on Federation | Huawei, Hisilicon | 23.558 | 0589 | 1 | Rel-19 | F | EDGEAPP\_Ph3 | revised |
| S6-240738 | Clarification on Federation | Huawei, Hisilicon | 23.558 | 0589 | 2 | Rel-19 | F | EDGEAPP\_Ph3 | agreed |
| S6-240323 | Clarification on EAS discovery for group of UE | Huawei, Hisilicon | 23.558 | 0590 | - | Rel-19 | F | EDGEAPP\_Ph3 | revised |
| S6-240661 | Clarification on EAS discovery for group of UE | Huawei, Hisilicon | 23.558 | 0590 | 1 | Rel-19 | F | EDGEAPP\_Ph3 | postponed |
| S6-240767 | Clarification on EAS discovery for group of UE | Huawei, Hisilicon | 23.558 | 0590 | 2 | Rel-19 | F | EDGEAPP\_Ph3 | withdrawn |
| S6-240324 | Adding EAS synchronization definition | Huawei, Hisilicon | 23.558 | 0591 | - | Rel-19 | F | EDGEAPP\_Ph3 | revised |
| S6-240697 | Adding EAS synchronization definition | Huawei, Hisilicon | 23.558 | 0591 | 1 | Rel-19 | F | EDGEAPP\_Ph3 | postponed |
| S6-240325 | common EAS selection considering EAS service KPI | Huawei, Hisilicon | 23.558 | 0592 | - | Rel-19 | B | EDGEAPP\_Ph3 | revised |
| S6-240660 | common EAS selection considering EAS service KPI | Huawei, Hisilicon | 23.558 | 0592 | 1 | Rel-19 | B | EDGEAPP\_Ph3 | postponed |
| S6-240326 | EAS instantiation considering different ACR type | Huawei, Hisilicon | 23.558 | 0593 | - | Rel-19 | B | EDGEAPP\_Ph3 | revised |
| S6-240692 | EAS instantiation considering different ACR type | Huawei, Hisilicon | 23.558 | 0593 | 1 | Rel-19 | B | EDGEAPP\_Ph3 | revised |
| S6-240737 | EAS instantiation considering different ACR type | Huawei, Hisilicon | 23.558 | 0593 | 2 | Rel-19 | B | EDGEAPP\_Ph3 | revised |
| S6-240769 | EAS instantiation considering different ACR type | Huawei, Hisilicon, InterDigital | 23.558 | 0593 | 3 | Rel-19 | B | EDGEAPP\_Ph3 | agreed |
| S6-240333 | Service continuity | China Mobile | 23.558 | 0594 | - | Rel-19 | F | EDGEAPP\_Ph3 | revised |
| S6-240691 | Service continuity | China Mobile | 23.558 | 0594 | 1 | Rel-19 | F | EDGEAPP\_Ph3 | agreed |
| S6-240348 | EDGEAPP\_R18 clarify EASID(s) description | Samsung | 23.558 | 0595 | - | Rel-18 | F | EDGEAPP\_Ph2 | postponed |
| S6-240369 | EEL reliability for service differentiation | Convida Wireless LLC | 23.558 | 0597 | - | Rel-19 | B | EDGEAPP\_Ph3 | postponed |
| S6-240402 | Add Update and Cancellation services of Eees\_TrafficInfluenceEAS | China Mobile | 23.558 | 0598 | - | Rel-18 | F | EDGEAPP\_Ph2 | revised |
| S6-240699 | Add Update and Cancellation services of Eees\_TrafficInfluenceEAS | China Mobile | 23.558 | 0598 | 1 | Rel-18 | F | EDGEAPP\_Ph2 | revised |
| S6-240757 | Add Update and Cancellation services of Eees\_TrafficInfluenceEAS | China Mobile | 23.558 | 0598 | 2 | Rel-18 | F | EDGEAPP\_Ph2 | agreed |
| S6-240622 | Add missing common EAS removal | Ericsson | 23.558 | 0600 | - | Rel-19 | B | EDGEAPP\_Ph2 | revised |
| S6-240716 | Add missing common EAS removal | Ericsson | 23.558 | 0600 | 1 | Rel-19 | B | EDGEAPP\_Ph2 | agreed |
| S6-240549 | Clarification on EAS type | Huawei, Hisilicon | 23.558 | 0601 | - | Rel-18 | F | EDGEAPP\_Ph2 | revised |
| S6-240550 | Clarification on EAS type | Huawei, Hisilicon | 23.558 | 0602 | - | Rel-19 | F | EDGEAPP\_Ph2 | agreed |
| S6-240403 | Add Update and Cancellation services of Eees\_TrafficInfluenceEAS | China Mobile | 23.558 | 599 | - | Rel-19 | A | EDGEAPP\_Ph2 | revised |
| S6-240700 | Add Update and Cancellation services of Eees\_TrafficInfluenceEAS | China Mobile | 23.558 | 599 | 1 | Rel-19 | A | EDGEAPP\_Ph2 | revised |
| S6-240758 | Add Update and Cancellation services of Eees\_TrafficInfluenceEAS | China Mobile | 23.558 | 599 | 2 | Rel-19 | A | EDGEAPP\_Ph2 | agreed |
| S6-240101 | Updates to role mapping between EDGEAPP and GSMA | Samsung | 23.958 | 0001 | - | Rel-18 | F | EDGEAPP\_EXT | revised |
| S6-240657 | Updates to role mapping between EDGEAPP and GSMA | Samsung | 23.958 | 0001 | 1 | Rel-18 | F | EDGEAPP\_EXT | revised |
| S6-240746 | Updates to role mapping between EDGEAPP and GSMA | Samsung | 23.958 | 0001 | 2 | Rel-18 | F | EDGEAPP\_EXT | agreed |

## Annex C: Lists of liaisons

### C1: Incoming liaison statements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Original | Title | From | Decision | Reply TDoc |
| S6-240007 | C3-235717 | LS on Clarification related to the information exposed by the 5GC to NSCE server | CT3 | noted | (none) |
| S6-240008 | S2-2313776 | LS on Ranging/SL Positioning service exposure security and privacy check | SA2 | noted | (none) |
| S6-240009 | C3-235524 | LS on the implementation of the SS\_VALServiceData API | CT3 | postponed | (none) |
| S6-240010 | C3-235618 | Reply LS on clarifications on V2X, UAS and SEAL entities acting as EAS | CT3 | replied to | S6-240581 |
| S6-240011 | C3-235619 | Reply LS on CAPIF extensibility | CT3 | noted | (none) |
| S6-240012 | C1-239188 | Reply LS on questions related to SEALDD APIs | CT1 | noted | (none) |
| S6-240013 | C1-239502 | LS on service authorization for/to partner MC system | CT1 | replied to | S6-240404 |
| S6-240014 | S5-238096 | LS reply on inputs for mapping GSMA OPG architecture roles with 3GPP defined Edge architectures | SA5 | noted | (none) |
| S6-240015 | R2-2313623 | LS to SA2 on QoS to Carrier Mapping for SL CA | RAN2 | noted | (none) |
| S6-240016 | OPG159 Doc03 | LS reply on LS on MSISDN exposure to trusted AF | GSMA OPG | noted | (none) |
| S6-240017 | MEC(23)000524r3 | Response LS to 3GPP CT3 on CAPIF extensibility | ETSI MEC | noted | (none) |
| S6-240018 | SP-231778 | LS on collaboration and alignment of 3GPP defined application enablers with GSMA Open Gateway | SA | noted | (none) |
| S6-240019 | C3-240095 | LS on A-DCCF, A-ADRF and ADAES services | CT3 | replied to | S6-240552 |
| S6-240020 | C3-240155 | Reply LS on CAPIF extensibility | CT3 | noted | (none) |
| S6-240021 | C3-240225 | LS on Issues related to ADAE server APIs | CT3 | replied to | S6-240553 |
| S6-240022 | C3-240241 | LS on Application traffic influence trigger from EAS | CT3 | postponed | (none) |
| S6-240023 | S4-240517 | Reply to LS on 3GPP work on energy efficiency | SA4 | noted | (none) |
| S6-240024 | S2-2401579 | Reply LS on QoS to Carrier Mapping for SL CA | SA2 | noted | (none) |
| S6-240025 | S2-2401649 | LS on limited MSISDN exposure | SA2 | noted | (none) |
| S6-240026 | S2-2401812 | Reply LS on Coordination of work for UAS\_Ph3 | SA2 | noted | (none) |
| S6-240035 | S5-238096 | LS reply on inputs for mapping GSMA OPG architecture roles with 3GPP defined Edge architectures | SA5 | withdrawn | (none) |
| S6-240036 | S5-240794 | LS on alignment of 3GPP EDGEAPP, ETSI MEC and GSMA OP architectures | SA5 | postponed | (none) |
| S6-240398 | S4-240517 | Withdrawn - Reply to LS on 3GPP work on energy efficiency | SA4 | withdrawn | (none) |
| S6-240399 | S5-240794 | Withdrawn - LS on alignment of 3GPP EDGEAPP, ETSI MEC and GSMA OP architectures | SA5 | withdrawn | (none) |
| S6-240551 | S3-240828 | Reply LS on evaluating security aspects for MC services over MC gateway UE | SA3 | postponed | (none) |

### C2: Outgoing liaison statements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Document | Title | To | Cc | reply to i/c LS |
| S6-240404 | Reply LS to S6-240013 LS on service authorization for/to partner MC system | CT1, SA3 | SA1 | S6-240013 |
| S6-240552 | Reply LS on A-DCCF, A-ADRF and ADAES services | CT3 | - | S6-240019 |
| S6-240553 | Reply LS on Issues related to ADAE server APIs | CT3 | - | S6-240021 |
| S6-240581 | Reply LS on clarifications on V2X, UAS and SEAL entities acting as EAS | CT3 | CT1 | S6-240010 |

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

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Title | Source | new/revised |
| S6-240586 | Revised SID on application enablement for Satellite access enabled 5G services | Samsung | SID revised |
| S6-240780 | Revised SID on study on enhanced application layer support for location services | CATT | SID 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

Atle Monrad InterDigital Communications was elected the SA6 chair.

## Annex H: List of participants

|  |  |  |
| --- | --- | --- |
| Name | Representing | Status (OP) |
| ABHISHEK, Rohit | AT&T Labs, Inc | 3GPPMEMBER (ATIS) |
| AGARWAL, Deepak | CEWiT | 3GPPMEMBER (TSDSI) |
| AGHILI, Behrouz | Apple (Ulanqab) | 3GPPMEMBER (CCSA) |
| AHMAD, Saad | InterDigital, Inc. | 3GPPMEMBER (ETSI) |
| AI, Ming | Wuhan Hongxin Technology | 3GPPMEMBER (CCSA) |
| ALEKSIEV, Vasil | T-Mobile Austria GmbH | 3GPPMEMBER (ETSI) |
| ALHALASEH, Rana | Ericsson GmbH, Eurolab | 3GPPMEMBER (ETSI) |
| AMOGH, Niranth | Nokia Corporation | 3GPPMEMBER (ETSI) |
| BASKARAN, Sheeba Backia Mary | Lenovo Information Technology | 3GPPMEMBER (CCSA) |
| BEICHT, Peter | Kontron Transportation France | 3GPPMEMBER (ETSI) |
| BISWAS, Sudipto | Motorola Solutions Germany | 3GPPMEMBER (ETSI) |
| BROSZEIT, Marco | Vodafone Italia SpA | 3GPPMEMBER (ETSI) |
| CETINKAYA, Egemen | Verizon Denmark | 3GPPMEMBER (ETSI) |
| CHAKRABARTI, SAMITA | Verizon Sweden | 3GPPMEMBER (ETSI) |
| CHAUDHARI, Amar | IIT Delhi | 3GPPMEMBER (TSDSI) |
| CHEN, Ben | BJTU | 3GPPMEMBER (CCSA) |
| CHEN, Dong | Beijing Xiaomi Electronics | 3GPPMEMBER (CCSA) |
| CHEN, Jingran | Guangdong OPPO Mobile Telecom. | 3GPPMEMBER (CCSA) |
| CHEN, Lijuan | ZONSON | 3GPPMEMBER (CCSA) |
| CHEN, Yinglin | E-surfing Digital | 3GPPMEMBER (CCSA) |
| CHEN, Zhuoyi | CTSI | 3GPPMEMBER (CCSA) |
| CHENG, Cuiru | BTPDI | 3GPPMEMBER (CCSA) |
| CHITTURI, Suresh | Samsung R&D Institute UK | 3GPPMEMBER (ETSI) |
| CHONG, vivian | vivo Mobile Communication (H) | 3GPPMEMBER (CCSA) |
| CONG, Shi | OPPO Beijing | 3GPPMEMBER (CCSA) |
| DAWES, Peter | Vodafone Ireland Plc | 3GPPMEMBER (ETSI) |
| DEMPO, Hiroshi | NEC Corporation | 3GPPMEMBER (ETSI) |
| DENG, Qiang | CICTCI | 3GPPMEMBER (CCSA) |
| DESAI, Sairaj | Tejas Network Limited | 3GPPMEMBER (TSDSI) |
| DJAPIC, Relja | TNO | 3GPPMEMBER (ETSI) |
| DONG, Hao | ZTE Italia | 3GPPMEMBER (ETSI) |
| DU, Shenxiu | China Mobile Com. Corporation | 3GPPMEMBER (CCSA) |
| DUAN, Xiaoyan | CICT Mobile | 3GPPMEMBER (CCSA) |
| EITOKU, Haruka | NTT corporation | 3GPPMEMBER (ETSI) |
| FEATHERSTONE, Walter | Apple R&D | 3GPPMEMBER (CCSA) |
| FENG, Yuang | Jetflow | 3GPPMEMBER (CCSA) |
| FLANDER, Andreas | BDBOS | 3GPPMEMBER (ETSI) |
| GADHAI, Shyam Vijay | IIT Kanpur | 3GPPMEMBER (TSDSI) |
| GANDOTRA, Rahil | CableLabs | 3GPPMEMBER (ETSI) |
| GE, Cuili | HiSilicon Technologies Co. Ltd | 3GPPMEMBER (CCSA) |
| GKATZIKIS, Lazaros | ENERGY COMMUNITY BESSARION Ltd | 3GPPGUEST (ETSI) |
| GOLDNER, Alla | OPPO Beijing | 3GPPMEMBER (CCSA) |
| GONG, Ruby | Beijing Xiaomi Mobile Software | 3GPPMEMBER (CCSA) |
| GONZALEZ, Veronica | VODAFONE Group Plc | 3GPPMEMBER (ETSI) |
| GUAN, Hongjun | Hytera Communications Corp. | 3GPPMEMBER (CCSA) |
| GUO, Boren | Hangzhou Mengyuxiang | 3GPPMEMBER (CCSA) |
| GUPTA, Nishant | Qualcomm India Pvt Ltd | 3GPPMEMBER (TSDSI) |
| GUPTA, Vivek | Apple (Guizhou) | 3GPPMEMBER (CCSA) |
| HARRIS, Paul | VIAVI Solutions | 3GPPMEMBER (ETSI) |
| HASHMI, DANISH EHSAN | Samsung Electronics Iberia SA | 3GPPMEMBER (ETSI) |
| HU, Li | VIVO TECH GmbH | 3GPPMEMBER (ETSI) |
| HU, Yajie | Huawei Device Co., Ltd | 3GPPMEMBER (CCSA) |
| HUANG, Zhenning | China Mobile (Suzhou) Software | 3GPPMEMBER (CCSA) |
| HUNUKUMBURE, Mythri | HOME OFFICE | 3GPPMEMBER (ETSI) |
| INOUE, Yoshihiro | NTT-AT Corp. | 3GPPMEMBER (TTC) |
| ITAHARA, Sohei | KDDI Corporation | 3GPPMEMBER (TTC) |
| JAIN, Puneet | Intel | 3GPPMEMBER (ATIS) |
| JIAN, Zhang | Huawei Technologies (Korea) | 3GPPMEMBER (TTA) |
| JIANG, Yi | China Mobile (Hangzhou) Inf. | 3GPPMEMBER (CCSA) |
| KAPALE, Kiran | Samsung Electronics Co., Ltd | 3GPPMEMBER (TTA) |
| KARAMPATSIS, Dimitrios | Lenovo Future Communications | 3GPPMEMBER (CCSA) |
| KE, xiaowan | vivo Mobile Com. (Chongqing) | 3GPPMEMBER (CCSA) |
| KEDALAGUDDE, Meghashree D | Intel Corporation SAS | 3GPPMEMBER (ETSI) |
| KIANI, Abbas | Futurewei | 3GPPMEMBER (ETSI) |
| KILGOUR, Kit | Sepura Ltd | 3GPPMEMBER (ETSI) |
| KIM, Hyesung | Samsung Nanjing | 3GPPMEMBER (CCSA) |
| KIM, Hyunsook | LG Electronics Inc. | 3GPPMEMBER (TTA) |
| KIRTAN, Kirtan Gopal Panda | IIT, Kharagpur | 3GPPMEMBER (TSDSI) |
| KISS, Krisztian | Apple Benelux B.V. | 3GPPMEMBER (ETSI) |
| KOLEKAR, Abhijeet | Intel Technology Poland SP Zoo | 3GPPMEMBER (ETSI) |
| KOO, Hyounhee | SyncTechno Inc. | 3GPPMEMBER (TTA) |
| KUMAR, Lalith | Samsung Electronics France SA | 3GPPMEMBER (ETSI) |
| KUNZ, Andreas | Motorola Mobility España SA | 3GPPMEMBER (ETSI) |
| KUROIWA, Fumito | DOCOMO Beijing Labs | 3GPPMEMBER (CCSA) |
| LAIR, Yannick | Nokia Poland | 3GPPMEMBER (ETSI) |
| LAM, Maria | Verizon Switzerland AG | 3GPPMEMBER (ETSI) |
| LEE, Jay | Verizon UK Ltd | 3GPPMEMBER (ETSI) |
| LEVINE, Anatoli | Softil Ltd | 3GPPMEMBER (ETSI) |
| LI, Aihua | CMDI | 3GPPMEMBER (CCSA) |
| LI, Chenyi | Unicompay | 3GPPMEMBER (CCSA) |
| LI, He | Huawei Technologies Sweden AB | 3GPPMEMBER (ETSI) |
| LI, Jiahui | China Telecomunication Corp. | 3GPPMEMBER (CCSA) |
| LI, Meng | HUAWEI TECHNOLOGIES Co. Ltd. | 3GPPMEMBER (ETSI) |
| LI, Mingxue | China Telecomunication Corp. | 3GPPMEMBER (CCSA) |
| LI, Xiaoqiang | Cybercore | 3GPPMEMBER (CCSA) |
| LI, Zhendong | Sanechips | 3GPPMEMBER (CCSA) |
| LI, Zhijun | ZTE Corporation | 3GPPMEMBER (ETSI) |
| LIANG, Shuang | ZTE Photonics | 3GPPMEMBER (CCSA) |
| LIBUNAO, Gerardo | Verizon Spain | 3GPPMEMBER (ETSI) |
| LIPFORD, Mark | FirstNet | 3GPPMEMBER (ATIS) |
| LIPING, Wu | CATT | 3GPPMEMBER (CCSA) |
| LIU, Jianning(Carry) | Xiaomi Communications | 3GPPMEMBER (CCSA) |
| LIU, Liu | Chinatelecom Cloud | 3GPPMEMBER (CCSA) |
| LIU, Peilin | ZTE Japan K.K. | 3GPPMEMBER (ARIB) |
| LIU, Yingying | Fiberhome Technologies Group | 3GPPMEMBER (CCSA) |
| LIU, Yubing | China Telecom Corporation Ltd. | 3GPPMEMBER (CCSA) |
| LIU, Yue | China Mobile Com. Corporation | 3GPPMEMBER (CCSA) |
| LIU, Yuze | ZTE FRANCE SASU | 3GPPMEMBER (ETSI) |
| LU, Fei | Chengdu OPPO Telecommunication | 3GPPMEMBER (CCSA) |
| LU, Yang | Vodafone Telekomünikasyon A.S. | 3GPPMEMBER (ETSI) |
| LYU, Huazhang | iQoo | 3GPPMEMBER (CCSA) |
| M VAMANAN, Sudeep | Apple | 3GPPMEMBER (CCSA) |
| MA, Ruitao | CITC | 3GPPMEMBER (CCSA) |
| MAO, Yuxin | Xiaomi Technology | 3GPPMEMBER (CCSA) |
| MARIOTTE, Hubert | Orange | 3GPPMEMBER (ETSI) |
| MASAL, Abhijeet | CEWiT | 3GPPMEMBER (TSDSI) |
| MATTSSON, Bernt | ETSI | 3GPPORG\_REP (ETSI) |
| MISHIMA, Atsumu | SKY Perfect JSAT Corporation | 3GPPMEMBER (ARIB) |
| MLADIN, Catalina | Convida Wireless | 3GPPMEMBER (ETSI) |
| MOHAJERI, Shahram | AT&T Services, Inc. | 3GPPMEMBER (ATIS) |
| MONNES, Peter | Peraton Labs | 3GPPMEMBER (ATIS) |
| MONRAD, Atle | InterDigital Communications | 3GPPMEMBER (ATIS) |
| MUSTAPHA, Mona | Apple France | 3GPPMEMBER (ETSI) |
| NAKAMURA, Kazuo | NICT | 3GPPMEMBER (ARIB) |
| NAPER, Hans Petter | Nkom | 3GPPMEMBER (ETSI) |
| NAYAK, Ashok Kumar | Samsung Electronics GmbH | 3GPPMEMBER (ETSI) |
| NEGALAGULI, Harish | Motorola Solutions UK Ltd. | 3GPPMEMBER (ETSI) |
| NOZAKI, Kohei | NTT DOCOMO INC.. | 3GPPMEMBER (ARIB) |
| OETTL, Martin | Nokia Belgium | 3GPPMEMBER (ETSI) |
| OLVERA, Ulises | InterDigital Canada | 3GPPMEMBER (ATIS) |
| OPRESCU, Val | AT&T Labs, Inc | 3GPPMEMBER (ATIS) |
| PALAT, Sudeep | Intel Technology India Pvt Ltd | 3GPPMEMBER (TSDSI) |
| PASTUSHOK, Igor | Ericsson LM | 3GPPMEMBER (ETSI) |
| PATEROMICHELAKIS, Emmanouil | Beijing Lenovo Software Ltd. | 3GPPMEMBER (CCSA) |
| PATTAN, Basavaraj (Basu) | Harman GmbH | 3GPPMEMBER (ETSI) |
| PETRANOVICH, Jim | ViaSat Satellite Holdings Ltd | 3GPPMEMBER (ETSI) |
| PIROARD, Francois | Airbus | 3GPPMEMBER (ETSI) |
| PRECIADO ROJAS, Diego | Nokia Hungary | 3GPPMEMBER (ETSI) |
| RAJADURAI, Rajavelsamy | Samsung R&D Institute India | 3GPPMEMBER (TSDSI) |
| RAJENDRAN, Rohini | Samsung Electronics Polska | 3GPPMEMBER (ETSI) |
| RAMANAN, Sivasubramaniam | HOME OFFICE | 3GPPMEMBER (ETSI) |
| RIGAZZI, Giovanni | Sateliot | 3GPPMEMBER (ETSI) |
| ROMAGUERA, Cristina | Vodafone GmbH | 3GPPMEMBER (ETSI) |
| ROY, Michel | InterDigital, Europe, Ltd. | 3GPPMEMBER (ETSI) |
| SABATER, Susana | Vodafone Romania S.A. | 3GPPMEMBER (ETSI) |
| SALKINTZIS, Apostolis | Motorola Mobility France S.A.S | 3GPPMEMBER (ETSI) |
| SÄLLBERG, Krister | Ericsson-LG Co., LTD | 3GPPMEMBER (TTA) |
| SAMDANIS, Konstantinos | Lenovo (Beijing) Ltd | 3GPPMEMBER (CCSA) |
| SANDERS, Peter | one2many B.V. | 3GPPMEMBER (ETSI) |
| SANGAMESHWARA, Vijay | Samsung Shenzhen | 3GPPMEMBER (CCSA) |
| SHAH, Sapan | Samsung Electronics Czech | 3GPPMEMBER (ETSI) |
| SHAN, Changhong | Intel China Ltd. | 3GPPMEMBER (CCSA) |
| SHAO, Weixiang | ZTE JAPAN K.K. | 3GPPMEMBER (TTC) |
| SHAO, Xiao | TOYOTA MOTOR CORPORATION | 3GPPMEMBER (TTC) |
| SHARMA, Ashish S | Ericsson Inc. | 3GPPMEMBER (ATIS) |
| SHEN, Yang | Xiaomi EV Technology | 3GPPMEMBER (CCSA) |
| SHEN, Zukang | HuaWei Technologies Co., Ltd | 3GPPMEMBER (CCSA) |
| SHI, Xiaonan | China Mobile International Ltd | 3GPPMEMBER (CCSA) |
| SHIFERAW, Yonatan | KPN N.V. | 3GPPMEMBER (ETSI) |
| SHIH, Jerry | AT&T | 3GPPMEMBER (ATIS) |
| SINGH, Rohit | Indian Institute of Tech (M) | 3GPPMEMBER (TSDSI) |
| SINHA, UTSAV | Samsung Electronics Nordic AB | 3GPPMEMBER (ETSI) |
| SOLOWAY, Alan | Qualcomm Incorporated | 3GPPMEMBER (ATIS) |
| STARSINIC, Michael | InterDigital Pennsylvania | 3GPPMEMBER (ATIS) |
| STOJANOVSKI, Saso | Intel Sweden AB | 3GPPMEMBER (ETSI) |
| SUN, Haiyang | Huawei Technologies Japan K.K. | 3GPPMEMBER (TTC) |
| SUN, Xiaowen | vivo Mobile Communication (S) | 3GPPMEMBER (CCSA) |
| SUN, Yue | China Telecommunications | 3GPPMEMBER (ETSI) |
| SUNG, Jihoon | ETRI | 3GPPMEMBER (TTA) |
| SUZUKI, Akito | KDDI Corporation | 3GPPMEMBER (ARIB) |
| TAN, Peng | OnePlus | 3GPPMEMBER (CCSA) |
| TANG, Tingfang | Beijing Xiaomi Software Tech | 3GPPMEMBER (CCSA) |
| TOUMI, Nassima | TNO | 3GPPMEMBER (ETSI) |
| TRAKINAT, Jean | T-Mobile USA Inc. | 3GPPMEMBER (ATIS) |
| UOSHIMA, Junpei | NTT DOCOMO INC. | 3GPPMEMBER (TTC) |
| VELEV, Genadi | Motorola Mobility Germany GmbH | 3GPPMEMBER (ETSI) |
| VERWEIJ, Kees | Netherlands Police | 3GPPMEMBER (ETSI) |
| VIALEN, Jukka | Airbus | 3GPPMEMBER (ETSI) |
| WAN, Qing | Datang Mobile Com. Equipment | 3GPPMEMBER (CCSA) |
| WANG, Baixiao | CICT | 3GPPMEMBER (CCSA) |
| WANG, Dan | China Mobile Group Device Co. | 3GPPMEMBER (CCSA) |
| WANG, Guanzhou | InterDigital New York | 3GPPMEMBER (ATIS) |
| WANG, Han | Huawei Telecommunication India | 3GPPMEMBER (TSDSI) |
| WANG, Ke | CATT | 3GPPMEMBER (ETSI) |
| WANG, Menghan | Nubia Technology Co.,Ltd | 3GPPMEMBER (CCSA) |
| WANG, Yaxin | Shenzhen Heytap | 3GPPMEMBER (CCSA) |
| WANG, Zhaoning | CU Digital Technology | 3GPPMEMBER (CCSA) |
| WIEHE, Ulrich | Nokia Denmark | 3GPPMEMBER (ETSI) |
| WON, Sung Hwan | Nokia Korea | 3GPPMEMBER (TTA) |
| WOODWARD, Tim | Motorola Solutions UK Ltd. | 3GPPMEMBER (ETSI) |
| WU, Jinhua | Beijing Xiaomi Mobile Software | 3GPPMEMBER (ETSI) |
| WU, Xiaobo | vivo Mobile Communication Co., | 3GPPMEMBER (CCSA) |
| XIANG, Amanda | Futurewei Technologies | 3GPPMEMBER (ATIS) |
| XIE, Zhenhua | Nanjing Weibo | 3GPPMEMBER (CCSA) |
| XIE, Zhonghuai | VSENS | 3GPPMEMBER (CCSA) |
| XING, TianQi | China Unicom | 3GPPMEMBER (CCSA) |
| XING, Zhen | CUG | 3GPPMEMBER (CCSA) |
| XIONG, Chunshan | Datang Linktester Technology | 3GPPMEMBER (CCSA) |
| XIONG, Lihui | Hangzhou Douku | 3GPPMEMBER (CCSA) |
| XU, Ling | ShenZhen Zhongxing Shitong | 3GPPMEMBER (CCSA) |
| XU, Wenliang | Ericsson France S.A.S | 3GPPMEMBER (ETSI) |
| XU, Yang | OPPO (chongqing) Intelligence | 3GPPMEMBER (CCSA) |
| XU, Yishan | Huawei Technologies Sweden AB | 3GPPMEMBER (ETSI) |
| XUE, Kaixin | CBN | 3GPPMEMBER (CCSA) |
| YAN, Xiaojian | CALTTA | 3GPPMEMBER (CCSA) |
| YANG, Yanmei | Huawei Tech.(UK) Co.. Ltd | 3GPPMEMBER (ETSI) |
| YOU, Shilin | ZTE Korea Limited | 3GPPMEMBER (TTA) |
| YOUNGE, Mark | T-Mobile USA Inc. | 3GPPMEMBER (ATIS) |
| YUE, JING | Ericsson Japan K.K. | 3GPPMEMBER (ARIB) |
| ZHANG, Chi | HUAWEI Technologies Japan K.K. | 3GPPMEMBER (ARIB) |
| ZHANG, Leyi | ZTE | 3GPPMEMBER (TSDSI) |
| ZHANG, Yuying | Esurfing IoT | 3GPPMEMBER (CCSA) |
| ZHAO, HUAN | Unicom Broadband Online | 3GPPMEMBER (CCSA) |
| ZHAO, Xiaoxue | CICT | 3GPPMEMBER (ETSI) |
| ZHENG, Shaowen | China Mobile E-Commerce Co. | 3GPPMEMBER (CCSA) |
| ZHOU, Wei | Wuhan Hongxin Technical | 3GPPMEMBER (CCSA) |
| ZHOU, Xingyue | ZTE Corporation | 3GPPMEMBER (CCSA) |
| ZHOU, Xutao | GUANGDONG GENIUS TECHNOLOGY CO | 3GPPMEMBER (CCSA) |
| ZHU, Fangyuan | Huawei Technologies France | 3GPPMEMBER (ETSI) |
| ZHU, Jinguo | ZXNE | 3GPPMEMBER (CCSA) |
| ZHU, Wenruo | HUAWEI TECH. GmbH | 3GPPMEMBER (ETSI) |
| ZHU, Zengbao | BUPT | 3GPPMEMBER (CCSA) |
| **Registered for online participation (however this does not count against accruing voting rights)** | | |
| AHN, Byung Jun | ETRI | 3GPPMEMBER (TTA) |
| ALFREDSSON, Rebecka | Ericsson Limited | 3GPPMEMBER (ETSI) |
| ARTUÑEDO GUILLEN, David | TELEFONICA S.A. | 3GPPMEMBER (ETSI) |
| BALASUBRAMANIAN, Anusuya | CEWiT | 3GPPMEMBER (TSDSI) |
| BOLTEK, Sanja | Frequentis AG | 3GPPMEMBER (ETSI) |
| CHO, Hanbyeog | ETRI | 3GPPMEMBER (TTA) |
| FERRUS, Ramon | Sateliot | 3GPPMEMBER (ETSI) |
| FU, Jiadi | China Mobile Com. Corporation | 3GPPMEMBER (CCSA) |
| GACH, Guillaume | Union Inter. Chemins de Fer | 3GPPMEMBER (ETSI) |
| GODOY, Gabriela | SDI Squared | 3GPPMEMBER (ETSI) |
| HAINDL, Bernhard | Frequentis AG | 3GPPMEMBER (ETSI) |
| HARPER, Colby | Pivotal Commware | 3GPPMEMBER (ATIS) |
| HAYASHI, Yushin | DOCOMO Beijing Labs | 3GPPMEMBER (CCSA) |
| HU, Xiaokun | HuaWei Technologies Co., Ltd | 3GPPMEMBER (CCSA) |
| KOERSTEN, Frank | BDBOS | 3GPPMEMBER (ETSI) |
| LEE, Seung-Ik | ETRI | 3GPPMEMBER (TTA) |
| LIU, Jingwen | China Mobile Com. Corporation | 3GPPMEMBER (CCSA) |
| M NAIR, Prathap | GE Network Technologies, LLC | 3GPPMEMBER (ATIS) |
| METHENNI, Achref | InterDigital Communications | 3GPPMEMBER (ATIS) |
| MYSORE ANNAIAH, Mahesh Nayaka | TSDSI | 3GPPORG\_REP (TSDSI) |
| NORTON, Mark | U.S. Department of Defense | 3GPPMEMBER (ATIS) |
| PLATZER, Andreas | BDBOS | 3GPPMEMBER (ETSI) |
| POZO, Sergio | Vodafone Italia SpA | 3GPPMEMBER (ETSI) |
| SETTY, Adinarayana K | Motorola Solutions UK Ltd. | 3GPPMEMBER (ETSI) |
| WEI, Jiang | China Mobile (Hangzhou) Inf. | 3GPPMEMBER (CCSA) |
| YI, Jong-Hwa | ETRI | 3GPPMEMBER (TTA) |
| ZAUS, Robert | Apple (UK) Limited | 3GPPMEMBER (ETSI) |
| ZHOU, Zhe | China Telecom Corporation Ltd. | 3GPPMEMBER (CCSA) |

## Annex I: List of future meetings

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Title** | **Start date** | **End date (OP)** | **Town** | **Country** | **Reference** |
| 3GPPSA6#60 | 15/04/2024 | 19/04/2024 | Changsha | China | S6-60 |
| 3GPPSA6#61 | 20/05/2024 | 24/05/2024 | Jeju | Korea | S6-61 |
| 3GPPSA6#62-Ad Hoc-e | 10/07/2024 | 18/07/2024 | - | - | S6a-62 |
| 3GPPSA6#62 | 19/08/2024 | 23/08/2024 | Maastricht | Netherlands | S6-62 |
| 3GPPSA6#63 | 14/10/2024 | 18/10/2024 | TBC | India | S6-63 |
| 3GPPSA6#64 | 18/11/2024 | 22/11/2024 | Orlando | North America | S6-64 |
| 3GPPSA6#65 | 17/02/2025 | 21/02/2025 | TBC | Europe | S6-65 |
| 3GPPSA6#66 | 07/04/2025 | 11/04/2025 | TBC | Europe | S6-66 |
| 3GPPSA6#67 | 19/05/2025 | 23/05/2025 | TBC | Japan | S6-67 |
| 3GPPSA6#68 | 25/08/2025 | 29/08/2025 | TBC | Europe | S6-68 |
| 3GPPSA6#69 | 13/10/2025 | 17/10/2025 | TBC | China | S6-69 |
| 3GPPSA6#70 | 17/11/2025 | 21/11/2025 | TBC | North America | S6-70 |