**3GPP TSG-SA WG6 Meeting #37-e S6-200623**

**e-meeting, 14th – 26th May 2020**

Source: MCC

Title: SA6 Meeting 36-BIS-e report

Agenda Item: 3

Contact: Bernt Mattsson bernt.mattsson@etsi.org

*Abstract: Meeting report of 3GPP SA6 meeting #36-BIS-e*

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

**Meeting Report  
for  
TSG SA WG6  
meeting: BIS-e**

**e-meeting, n/a, 31/03/2020 to 08/04/2020**

Report generated on Tuesday, 2020-04-22 18:10 Romance Standard Time

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## 1 Opening of the meeting

The chairman Suresh Chitturi (Samsung) opened the e-meeting that consisted of an opening session and subsequent topic specific online sessions of around 2 hours, as well as discussions over the WG SA6 email reflector.

### 1.1 IPR and antitrust policy reminders

**IPR Call Reminder:**

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

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

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

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

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

**Antitrust declaration:**

The chairman of the meeting made the following antitrust declaration:

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

### 1.2 EAR statement

The chairman of the meeting read out load the following EAR statement:

**Statement Regarding Engagement with Companies Added to the U.S. Export Administration Regulations (EAR) Entity List in 3GPP Activities** <https://www.3gpp.org/about-3gpp/legal-matters>

1. Public Information is Not Subject to EAR

3GPP is an open platform where all contributions (including technology protected or not by patent) made by the different Individual Members under the membership of each respective Organizational Partner are publicly available. Indeed, contributions by all and any Individual Members are uploaded to a public file server when received and then the documents are effectively in the public domain.

In addition, since membership of email distribution lists is open to all, documents and emails distributed by that means are considered to be publicly available.

As a result, information contained in 3GPP contributions, documents, and emails distributed at 3GPP meetings or by 3GPP email distribution lists, because it is made available to the public without restrictions upon its further dissemination, is not subject to the export restrictions of the EAR.

Meeting minutes are maintained for 3GPP meetings. Such meeting minutes for 3GPP meetings are made available to the public without restrictions upon its further dissemination. As a result, information, including information conveyed orally, contained in 3GPP meetings is not subject to the export restriction of the EAR; this would include information conveyed during side meetings that may occur during the main meetings, if these meetings are open to any participants and the results of all said meetings are publicly available without restrictions upon their further dissemination.

2. Non-Public Information

Non-public information refers to the information not contained or not intended to be contained in 3GPP contributions, documents or emails. Such non-public information may be disclosed during informal meetings, exchanges, discussions or any form of other communication outside the 3GPP meetings and email distribution lists, and may be subject to the EAR.

3. Other Information

Certain encryption software controlled under the International Traffic in Arms Regulations (ITAR), even if publicly available, may still be subject to US export controls other than the EAR.

4. Conduct of Meetings

The situation should be considered as "business as usual" during all the meetings called by 3GPP.

5. Responsibility of Individual Members

It should be remembered that contributions, meetings, exchanges, discussions or any form of other communication in or outside the 3GPP meetings are of the accountability, integrity and the responsibility of each Individual Member. In addition, Individual Members remain responsible for ensuring their compliance with all applicable export control regulations, including but not limited to EAR.

Individual Members with questions regarding the impact of laws and regulations on their participation in 3GPP should contact their companies’ legal counsels.

## 2 Agenda and Chairman’s notes

**S6-200429 SA6 Meeting 36-BIS-e Agenda**

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

**Abstract:**

Agenda for the SA6#36-BIS-e meeting

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

**S6-200431 SA6 Meeting #36-BIS-e - Agenda with Tdocs allocation after submission deadline**

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

**Abstract:**

The SA6#36-BIS-e meeting agenda with Tdocs allocation after submission deadline

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

**S6-200432 SA6 Meeting #36-BIS-e - Agenda with Tdocs allocation at start of the meeting**

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

**Abstract:**

The SA6#36-BIS-e meeting agenda with Tdocs allocation at the start of the meeting

**Discussion:**

The chairman presented the agenda available as S6-200431.

The chairman asked whether the was any concern taking on board S6-200529 and 530 as part of the agenda even if submitted late. No concern was raised hence the two contribution were accepted as part of the agenda.

The chairman explained about the practicalities of the meeting with regard to online sessions and email discussions, these are also to be found as part of the agenda.

Motorola Solutions suggested to reschedule the planned parallel call 2nd April to start 11:00 UTC avoiding running two sessions in parallell. It was agreed to move the planned parallel call 2nd April to start 11:00 UTC and hence to use the same MAIN bridge for all online sessions.

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

**S6-200433 SA6 Meeting #36-BIS-e - Chairman's notes at end of the meeting**

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

**Abstract:**

Chairman's notes at end of the SA6#36-BIS-e meeting

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

## 3 Report from previous meetings

**S6-200430 SA6 Meeting 36-e Report**

*Type: report For: Approval  
 Source: MCC*

**Abstract:**

The report of the SA6#36-e meeting.

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

**S6-200441 Report on SA6 related topics at SA#87-e**

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

**Abstract:**

This document contains a brief report from SA#87-e on matters relating to SA6 WG activities.

**Discussion:**

The chiarman presented the report on SA6 related topics at SA#87-e.

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

## 4 Liaison statements

### 4.1 Incoming LSs

**S6-200434** LIAISON STATEMENT TO EXTERNAL ORGANIZATIONS ON DRAFT REVISION OF REPORT ITU-R M.2291-1 “THE USE OF INTERNATIONAL MOBILE TELECOMMUNICATIONS (IMT) FOR BROADBAND PUBLIC PROTECTION AND DISASTER RELIEF (PPDR) APPLICATIONS”

*Type: LS in For: Action  
 Original outgoing LS: 5D\_TD\_52R1e\_IMT-2020, to 3GPP, 3GPP RAN, APCO, APT, ARIB, ATIS, AWG, CCSA, CDG, CEPT ECC WG FM, ETSI, ETSI ERM-TGDMR, ETSI SC EMTEL, ETSI TC ERM, ETSI TC TCCE, GSA, GSMA, IEEE, OASIS, TEC, TIA, TIA TR-45, TIA TR-45.5, TIA TR-8, TIA TR-8.8, TTA, WiMAX Forum, cc -  
 Source: ITU-R Working Party 5D*

**Abstract:**

Report ITU-R [M.2291-1](https://www.itu.int/pub/R-REP-M.2291-1-2016) was developed by ITU-R in 2016. Tables 2, 3 and 4 in Annex 1 of Report ITU-R M2291-1 were developed in collaboration with 3GPP. These tables detail how 3GPP LTE supports the various requirements of PPDR and provide the relevant 3GPP Release numbers, which are included in the last column of the tables.

WP 5D has started revising Report ITU-R M.2291-1. This revision will update as necessary, tables in Annex 1 of the report to reflect technological developments in IMT-2020, in particular the work carried out by 3GPP (SA6) in the latest releases of 3GPP LTE and NR. A copy of the working document towards the preliminary draft revision of Report ITU-R M.2291-1 is enclosed to facilitate updating of Annex 1.

As a part of this revision, WP 5D intends to include information on IMT-2020, similar to the information available on LTE in Annex 1. Blank columns have been added in the working document in Tables 2, 3 and 4 to facilitate this work by the External Organisations.

It would also be useful if External Organizations could indicate any new features/applications that have been added in support of PPDR applications in their IMT-2020 specifications, which are currently not included in Annex 1 of the Report ITU-R M.2291-1, by adding additional rows, as necessary.

WP 5D therefore requests External Organisations to kindly provide input to facilitate updating of Annex 1 of Report ITU-R M.2291-1 as explained above. WP 5D would appreciate receiving inputs towards this work in time for the 35th meeting of WP 5D scheduled to be held from 23rd June 2020 (deadline for contribution is 1600 hours UTC 16th June 2020).

**Attachment:** Working document towards preliminary draft revision of Report ITU-R M.2291-1 (Document 5D/TEMP/53)

**Discussion:**

The chairman presented the LS available as S6-200434.

FirstNet raised the question whether anyone was using the document in question.

Motorola Solutions volunteered to work on preparing a reply for the LS.

It was suggested the possible reply would be reviewed at the next meeting.

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

**S6-200435 Reply LS on Application Architecture for enabling Edge Applications**

*Type: LS in For: Action  
 Original outgoing LS: S5-201598, to SA6, cc -  
 Source: 3GPP SA5*

**Abstract:**

1. Overall description:

SA5 thanks SA6 for their update.

Please see below for the responses to SA6’s questions regarding lifecycle management:

1) Does SA5 consider that any of the following application layer LCM operations are covered by their terms of reference and are therefore within SA5’s current scope?

Answer 1: SA5 would like to inform SA6 that LCM of EAS (Edge Application Server) is very well in-scope of SA5.

2) Does SA5 consider that some LCM operations for Edge Application Servers could follow similar procedures already specified for LCM of mobile networks that include virtualized network functions (with necessary modifications if needed) as per the TS28.52x series of specifications?

Answer 2: SA5 will study the concept and then decide on the probable solutions.

3) Does SA5 plan any work on LCM for edge applications in Release 17?

Answer 3: SA5 plans to start related work on the management of edge computing in Rel-17.

2. Actions:

To 3GPP SA6

ACTION:

• SA5 requests SA6 to consider the information provided above and keep SA5 informed on the works related to “Application Architecture for enabling Edge Applications”.

**Discussion:**

The chairman presented the LS available as S6-200435.

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

### 4.2 Outgoing LSs

**S6-200436 Disc on Clarification of the definition of a UAS**

*Type: discussion For: Discussion  
 Source: InterDigital*

**Discussion:**

InterDigital presented the discussion paper S6-200436 in relation to the draft LS in S6-200437.

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

**S6-200437 LS on Clarification of the definition of a UAS**

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

**Discussion:**

InterDigital presented the draft LS available as S6-200437.

**Decision:** The document was **revised to S6-200544**.

**S6-200544 LS on Clarification of the definition of a UAS**

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

(Replaces S6-200437)

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

**S6-200492 LS out on UE Identifier API**

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

**Discussion:**

Samsung presented the draft LS available as S6-200492 (related to contribution S6-200491).

A discusssion followed a.o. on the handling of the of UE's GPSI.

There was also a suggestion to copy SA3 in a potential LS.

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

**S6-200547 LS on provisioning "EDN connection info" by Edge Configuration Server**

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

**Decision:** The document was **revised to S6-200617**.

**S6-200617 LS on provisioning "EDN connection info" by Edge Configuration Server**

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

(Replaces S6-200547)

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

**S6-200549 LS on Clarification of requirements for UAS application enablement**

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

**Decision:** The document was **revised to S6-200576**.

**S6-200576 LS on Clarification of requirements for UAS application enablement**

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

(Replaces S6-200549)

**Decision:** The document was **revised to** **S6-200619**.

**S6-200619 LS on Clarification of requirements for UAS application enablement**

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

(Replaces S6-200576)

**Discussion:**

The only change is replacing "contributions" with "potential key issues" in the first sentence.

With the above change the revised contribution, S6-200620, is considered pre-approved.

**Decision:** The document was **revised to S6-200619**.

**S6-200620 LS on Clarification of requirements for UAS application enablement**

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

(Replaces S6-200619)

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

**S6-200580 LS on requirement for 5GMSG in broadcast scenario**

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

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

## 5 Items for early consideration

### 5.1 Working Agreements

None

### 5.2 Others

None

## 6 Rel-16 Work Items

**S6-200523 Add consumer for discover and publish service APIs**

*Type: CR For: Agreement  
 23.222 v16.7.0 CR-0068 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

The contribution propsoes adding CAPIF core function as known consumer for the CAPIF\_Discover\_Service\_API and CAPIF\_Publish\_Service\_API, except for the event operations in those APIs.

**Discussion:**

Ericsson presented the contribution available as S6-200523.

The were no comments during the opening call but was left open for possible later comments.

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

**S6-200526 Add obtaining routing info service API**

*Type: CR For: Agreement  
 23.222 v17.0.0 CR-0071 Cat: A (Rel-17)  
  
 Source: Ericsson*

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

**S6-200525 Add obtaining routing info service API**

*Type: CR For: Agreement  
 23.222 v16.7.0 CR-0070 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

The contribution proposes adding CAPIF\_Routing\_Info API and its service operation.

**Discussion:**

Ericsson presented the contribution available as S6-200525.

The were no comments during the opening call but was left open for possible later comments.

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

**S6-200527 Correct API topology hiding**

*Type: CR For: Agreement  
 23.222 v16.7.0 CR-0072 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

The contribution proposes:

- adding CAPIF event “topology hiding status” (subclause 8.8.6).

- adding action and validity time in the API topology hiding notify (subclause 8.24.2.1).

- updating subclause 8.24.3 with API topology hiding information removal procedure.

**Discussion:**

Ericsson presented the contribution available as S6-200527.

Qualcomm agreed in general with the contribution but did support inlcuding the validity time.

Samsung did not agree with the proposed Note.

**Decision:** The document was **revised to S6-200578**.

**S6-200578 Correct API topology hiding**

*Type: CR For: Agreement  
 23.222 v16.7.0 CR-0072 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces S6-200527)

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

**S6-200524 Add consumer for discover and publish service APIs**

*Type: CR For: Agreement  
 23.222 v17.0.0 CR-0069 Cat: A (Rel-17)  
  
 Source: Ericsson*

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

**S6-200528 Correct API topology hiding**

*Type: CR For: Agreement  
 23.222 v17.0.0 CR-0073 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S6-200579**.

**S6-200579 Correct API topology hiding**

*Type: CR For: Agreement  
 23.222 v17.0.0 CR-0073 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces S6-200528)

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

## 7 Rel-17 Work Items

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

**S6-200493 Status of eMONASTERY2**

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

**Abstract:**

The paper provides the overall eMONASTERY2 status.

**Discussion:**

Nokia presented the contribution available as S6-200493.

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

**S6-200496 Clarification on target recipients in first-to-answer calls**

*Type: CR For: Agreement  
 23.379 v16.5.0 CR-0251 rev 2 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-200425)

**Abstract:**

A list of MCPTT IDs is introduced and it is clarified that either this list or a functional alias is used as target address, but not both together.

**Discussion:**

Nokia presented the contribution available as S6-200496.

Motorola Solutions made remark that it would be sensible to correct some of the existing text in step 2, as the service identifiers are not defined in 23.228.

**Decision:** The document was **revised to S6-200553**.

**S6-200553 Clarification on target recipients in first-to-answer calls**

*Type: CR For: Agreement  
 23.379 v16.5.0 CR-0251 rev 3 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-200496)

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

**S6-200477 Media security for MCPTT private call forwarding**

*Type: CR For: Agreement  
 23.379 v16.5.0 CR-0253 Cat: F (Rel-16)  
  
 Source: Kontron Transportation France*

**Abstract:**

The procedure for call forwarding immediate (and for call forwarding no answer in release 16) is changed that the initiating client gets knowledge of the target MCPPT Id and thus is able to perform media encryption.

**Discussion:**

Kontron presented the contribution available as S6-200477.

**Decision:** The document was **revised to S6-200573**.

**S6-200573 Media security for MCPTT private call forwarding**

*Type: CR For: Agreement  
 23.379 v16.5.0 CR-0253 rev 1 Cat: F (Rel-16)  
  
 Source: Kontron Transportation France*

(Replaces S6-200477)

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

**S6-200478 Media security for MCPTT private call forwarding immediate**

*Type: CR For: Agreement  
 23.379 v17.2.0 CR-0254 Cat: A (Rel-17)  
  
 Source: Kontron Transportation France*

**Decision:** The document was **revised to S6-200574**.

**S6-200574 Media security for MCPTT private call forwarding immediate**

*Type: CR For: Agreement  
 23.379 v17.2.0 CR-0254 rev 1 Cat: A (Rel-17)  
  
 Source: Kontron Transportation France*

(Replaces S6-200478)

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

**S6-200479 Corrections in MCPTT private call forwarding**

*Type: CR For: Agreement  
 23.379 v17.2.0 CR-0255 Cat: F (Rel-17)  
  
 Source: Kontron Transportation France*

**Decision:** The document was **revised to S6-200575**.

**S6-200575 Corrections in MCPTT private call forwarding**

*Type: CR For: Agreement  
 23.379 v17.2.0 CR-0255 rev 1 Cat: F (Rel-17)  
  
 Source: Kontron Transportation France*

(Replaces S6-200479)

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

**S6-200494 Introducing a functional alias as target address for private video calls**

*Type: CR For: Agreement  
 23.281 v17.2.0 CR-0142 rev 3 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-200213)

**Abstract:**

Adding function alias as target address to the information flows and describe the handling of the functional alias within the procedures.

**Decision:** The document was **revised to S6-200555**.

**S6-200555 Introducing a functional alias as target address for private video calls**

*Type: CR For: Agreement  
 23.281 v17.2.0 CR-0142 rev 4 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-200494)

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

**S6-200495 Media plane security when using a functional alias as target address for private MCPTT calls**

*Type: CR For: Agreement  
 23.379 v17.2.0 CR-0256 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Kontron Transportation*

**Abstract:**

The private call procedure is modified to allow the requesting client to use a functional alias as target address and to protect the media by help of the MCPTT ID of the called party.

**Decision:** The document was **revised to S6-200557**.

**S6-200557 Media plane security when using a functional alias as target address for private MCPTT calls**

*Type: CR For: Agreement  
 23.379 v17.2.0 CR-0256 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Kontron Transportation*

(Replaces S6-200495)

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

**S6-200497 Clarification on target recipients in first-to-answer calls**

*Type: CR For: Agreement  
 23.379 v17.2.0 CR-0252 rev 2 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-200426)

**Abstract:**

A list of MCPTT IDs is introduced and it is clarified that either this list or a functional alias is used as target address, but not both together.

**Decision:** The document was **revised to S6-200554**.

**S6-200554 Clarification on target recipients in first-to-answer calls**

*Type: CR For: Agreement  
 23.379 v17.2.0 CR-0252 rev 3 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S6-200497)

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

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

**S6-200469 MC user emergency state in IOPS**

*Type: pCR For: Approval  
 23.180 v0.3.0  
 Source: Ericsson*

**Decision:** The document was **revised to S6-200588**.

**S6-200588 Pseudo-CR on MC user’s priority state in IOPS**

*Type: pCR For: Approval  
 23.180 v0.3.0  
 Source: Ericsson*

(Replaces S6-200469)

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

**S6-200470 Pseudo-CR on Emergency private calls in IOPS**

*Type: pCR For: Approval  
 23.180 v0.3.0  
 Source: Ericsson*

**Decision:** The document was **revised to S6-200589**.

**S6-200589 Pseudo-CR on Emergency private calls in IOPS**

*Type: pCR For: Approval  
 23.180 v0.3.0  
 Source: Ericsson*

(Replaces S6-200470)

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

**S6-200471 Pseudo-CR on Emergency group calls in IOPS**

*Type: pCR For: Approval  
 23.180 v0.3.0  
 Source: Ericsson*

**Decision:** The document was **revised to S6-200590**.

**S6-200590 Pseudo-CR on Emergency group calls in IOPS**

*Type: pCR For: Approval  
 23.180 v0.3.0  
 Source: Ericsson*

(Replaces S6-200471)

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

**S6-200472 Pseudo-CR on MCPTT group call release in IOPS**

*Type: pCR For: Approval  
 23.180 v0.3.0  
 Source: Ericsson*

**Decision:** The document was **revised to S6-200591**.

**S6-200591 Pseudo-CR on MCPTT group call release in IOPS**

*Type: pCR For: Approval  
 23.180 v0.3.0  
 Source: Ericsson*

(Replaces S6-200472)

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

**S6-200482 Clarification for the IOPS MC Service ID**

*Type: pCR For: Approval  
 23.180 v0.3.0  
 Source: Samsung*

**Decision:** The document was **revised to S6-200561**.

**S6-200561 Pseudo-CR on Clarification for the IOPS MC Service ID**

*Type: pCR For: Approval  
 23.180 v0.3.0  
 Source: Samsung*

(Replaces S6-200482)

**Discussion:**

It was noted that ref, should be 23.281 not 22.281 (rapporteur to take on board this change).

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

**S6-200483 Clarifying the usage of IOPS MC Service IDs and IOPS MC Service Group IDs**

*Type: pCR For: Approval  
 23.180 v0.3.0  
 Source: Samsung*

**Decision:** The document was **revised to S6-200562**.

**S6-200562 Pseudo-CR on Clarifying the usage of IOPS MC Service IDs and IOPS MC Service Group IDs**

*Type: pCR For: Approval  
 23.180 v0.3.0  
 Source: Samsung*

(Replaces S6-200483)

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

**S6-200484 Pseudo-CR on Group connectivity information in IP Connectivity group notify request**

*Type: pCR For: Approval  
 23.180 v0.3.0  
 Source: Samsung*

**Decision:** The document was **revised to S6-200563**.

**S6-200563 Pseudo-CR on Group connectivity information in IP Connectivity group notify request**

*Type: pCR For: Approval  
 23.180 v0.3.0  
 Source: Samsung*

(Replaces S6-200484)

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

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

**S6-200442 MCX service on a loaded eNodeB on a shared LTE network**

*Type: LS out For: Discussion  
 to SA6  
 Source: HOME OFFICE*

**Abstract:**

Most Public Safety Organisations will share resources of an LTE/5G network with the general public. During a major incident the network will be congested and require resource pre-emption. This LS highlights some issues in this area that need to be address

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

**S6-200531 Additional details to the Location information report**

*Type: CR For: Agreement  
 23.280 v17.2.0 CR-0243 Cat: B (Rel-17)  
  
 Source: BDBOS*

**Decision:** The document was **revised to S6-200581**.

**S6-200581 Additional details to the Location information report**

*Type: CR For: Agreement  
 23.280 v17.2.0 CR-0243 rev 1 Cat: B (Rel-17)  
  
 Source: BDBOS, KRRI*

(Replaces S6-200531)

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

**S6-200532 Additional details to the Location information notification**

*Type: CR For: Agreement  
 23.280 v17.2.0 CR-0244 Cat: B (Rel-17)  
  
 Source: BDBOS*

**Decision:** The document was **revised to S6-200582**.

**S6-200582 Additional details to the Location information notification**

*Type: CR For: Agreement  
 23.280 v17.2.0 CR-0244 rev 1 Cat: B (Rel-17)  
  
 Source: BDBOS*

(Replaces S6-200532)

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

**S6-200533 Additional details to the Location report response**

*Type: CR For: Agreement  
 23.280 v17.2.0 CR-0245 Cat: B (Rel-17)  
  
 Source: BDBOS*

**Decision:** The document was **revised to S6-200583**.

**S6-200583 Additional details to the Location report response**

*Type: CR For: Agreement  
 23.280 v17.2.0 CR-0245 rev 1 Cat: B (Rel-17)  
  
 Source: BDBOS*

(Replaces S6-200533)

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

**S6-200534 Additional details to the Location reporting procedures**

*Type: CR For: Agreement  
 23.280 v17.2.0 CR-0246 Cat: B (Rel-17)  
  
 Source: BDBOS*

**Decision:** The document was **revised to S6-200584**.

**S6-200584 Additional details to the Location reporting procedures**

*Type: CR For: Agreement  
 23.280 v17.2.0 CR-0246 rev 1 Cat: B (Rel-17)  
  
 Source: BDBOS*

(Replaces S6-200534)

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

**S6-200535 Off-network storing of location information procedure**

*Type: CR For: Agreement  
 23.280 v17.2.0 CR-0247 Cat: B (Rel-17)  
  
 Source: BDBOS*

**Abstract:**

Adding a procedure for off-network storing of event-triggered location information

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

**S6-200536 Replacing the usage of MCPTT with MC Service**

*Type: CR For: Agreement  
 23.280 v17.2.0 CR-0248 Cat: C (Rel-17)  
  
 Source: Samsung R&D Institute India*

**Decision:** The document was **revised to S6-200567**.

**S6-200567 Replacing the usage of MCPTT with MC Service**

*Type: CR For: Agreement  
 23.280 v17.2.0 CR-0248 rev 1 Cat: C (Rel-17)  
  
 Source: Samsung R&D Institute India*

(Replaces S6-200536)

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

**S6-200537 Corrections to Location Information flows**

*Type: CR For: Agreement  
 23.280 v17.2.0 CR-0249 Cat: C (Rel-17)  
  
 Source: Samsung R&D Institute India*

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

**S6-200568 Corrections to Location Information flows**

*Type: CR For: Agreement  
 23.280 v17.2.0 CR-0249 rev 1 Cat: C (Rel-17)  
  
 Source: Samsung R&D Institute India*

(Replaces S6-200537)

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

**S6-200538 Location information in the emergency alert request**

*Type: CR For: Agreement  
 23.280 v17.2.0 CR-0250 Cat: C (Rel-17)  
  
 Source: Samsung*

**Decision:** The document was **revised to S6-200569**.

**S6-200569 Location information in the emergency alert request**

*Type: CR For: Agreement  
 23.280 v17.2.0 CR-0250 rev 1 Cat: C (Rel-17)  
  
 Source: Samsung*

(Replaces S6-200538)

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

**S6-200539 Minor corrections of the information elements**

*Type: CR For: Agreement  
 23.379 v17.2.0 CR-0257 Cat: C (Rel-17)  
  
 Source: Samsung*

**Decision:** The document was **revised to S6-200570**.

**S6-200570 Minor corrections of the informational elements**

*Type: CR For: Agreement  
 23.379 v17.2.0 CR-0257 rev 1 Cat: C (Rel-17)  
  
 Source: Samsung*

(Replaces S6-200539)

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

**S6-200540 Minor changes to ambient listening procedures on user indication**

*Type: CR For: Agreement  
 23.379 v17.2.0 CR-0258 Cat: C (Rel-17)  
  
 Source: Samsung*

**Decision:** The document was **revised to S6-200571**.

**S6-200571 Minor changes to ambient listening procedures on user indication**

*Type: CR For: Agreement  
 23.379 v17.2.0 CR-0258 rev 1 Cat: C (Rel-17)  
  
 Source: Samsung*

(Replaces S6-200540)

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

**S6-200541 Removing subscription and notification for functional alias**

*Type: CR For: Agreement  
 23.379 v17.2.0 CR-0259 Cat: C (Rel-17)  
  
 Source: Samsung*

**Decision:** The document was **revised to S6-200572**.

**S6-200572 Removing subscription and notification for functional alias**

*Type: CR For: Agreement  
 23.379 v17.2.0 CR-0259 rev 1 Cat: C (Rel-17)  
  
 Source: Samsung*

(Replaces S6-200541)

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

### 7.4 EDGEAPP – Architecture for enabling Edge Applications

**S6-200443 Pseudo-CR on clause 3**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: VODAFONE Group Plc*

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

**S6-200460 Enhancements to the information elements sent by the Edge Enabler Client and Edge Enabler Server**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Apple*

**Abstract:**

This contribution suggests two enhancements to the common information elements defined for the Edge Enabler Client Registration IE.

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

**S6-200463 pCR on Adding Geographical Area definition to commonly used values**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Intel Deutschland GmbH, Samsung*

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

**S6-200464 pCR on Adding service area definitions to common information elements**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Intel Deutschland GmbH, Samsung*

**Decision:** The document was **revised to S6-200560**.

**S6-200560 Pseudo-CR on Adding service area definitions to common information elements**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Intel, Samsung*

(Replaces S6-200464)

**Decision:** The document was **revised to S6-200577**.

**S6-200577 Pseudo-CR on Adding service area definitions to common information elements**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Intel, Samsung*

(Replaces S6-200560)

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

**S6-200465 pCR on Additions to service provisioning**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Intel Deutschland GmbH, Samsung*

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

**S6-200466 pCR on Distributed discovery deployment**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Intel Deutschland GmbH*

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

**S6-200467 Pseudo-CR on EAS discovery service on EDGE3**

*Type: pCR For: (not specified)  
 23.558 v0.1.2  
 Source: Ericsson*

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

**S6-200468 pCR on EAS Registration and EAS profile**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Samsung*

**Decision:** The document was **revised to S6-200548**.

**S6-200548 pCR on EAS Registration and EAS profile**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Samsung*

(Replaces S6-200468)

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

**S6-200473 Deployment model for different Network Slice implementations**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Samsung*

**Decision:** The document was **revised to S6-200551**.

**S6-200551 Deployment model for different Network Slice implementations**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Samsung*

(Replaces S6-200473)

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

**S6-200474 pCR on service provisioning**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Samsung*

**Decision:** The document was **revised to S6-200552**.

**S6-200552 pCR on service provisioning**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Samsung*

(Replaces S6-200474)

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

**S6-200475 pCR on application context relocation**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Samsung*

**Decision:** The document was **revised to S6-200608**.

**S6-200608 pCR on application context relocation**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Samsung*

(Replaces S6-200475)

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

**S6-200476 pCR on EAS discovery response**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Samsung*

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

**S6-200480 pCR on Client Information API**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Convida Wireless LLC*

**Abstract:**

This contribution proposes a Client Information API based on Solution 25 of TR 23.758.

**Decision:** The document was **revised to S6-200618**.

**S6-200618 Client Information API**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Convida Wireless LLC*

(Replaces S6-200480)

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

**S6-200485 EAS description update**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Samsung Electronics*

**Decision:** The document was **revised to S6-200564**.

**S6-200564 Pseudo-CR on EAS description update**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Samsung, AT&T*

(Replaces S6-200485)

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

**S6-200486 EAS information distribution**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Samsung Electronics*

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

**S6-200487 ECS obtaining UE location**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Samsung Electronics*

**Decision:** The document was **revised to S6-200565**.

**S6-200565 Pseudo-CR on ECS obtaining UE location**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Samsung, Huawei, Deutsche Telekom*

(Replaces S6-200487)

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

**S6-200488 EEC subscription for updates**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Samsung Electronics*

**Decision:** The document was **revised to S6-200586**.

**S6-200586 Pseudo-CR on EEC subscription for updates**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Samsung*

(Replaces S6-200488)

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

**S6-200489 Requirements for EES registration**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Samsung Electronics*

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

**S6-200490 Restructure clause 8.6**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Samsung Electronics*

**Decision:** The document was **revised to S6-200566**.

**S6-200566 Pseudo-CR on restructuring clause 8.6**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Samsung Electronics*

(Replaces S6-200490)

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

**S6-200491 UE identifier API**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Samsung Electronics*

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

**S6-200498 Pseudo-CR on Correction and enhancements to the common information elements sent by the Application Client**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Apple*

**Abstract:**

The present contribution suggests two enhancements and one correction to the common information elements defined for the Application Client.

**Decision:** The document was **revised to S6-200545**.

**S6-200545 Pseudo-CR on Correction and enhancements to the common information elements sent by the Application Client**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Apple*

(Replaces S6-200498)

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

**S6-200499 Pseudo-CR on Corrections to the Service KPI Information Elements**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Apple*

**Abstract:**

The present contribution suggests a number of corrections, clarifications and one enhancement to the common information elements defined for the Service KPIs for the Application Client and the Edge Application Server.

**Decision:** The document was **revised to S6-200546**.

**S6-200546 Pseudo-CR on Corrections to the Service KPI Information Elements**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Apple*

(Replaces S6-200499)

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

**S6-200500 Pseudo-CR on updates in EAS registration**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: CATT*

**Abstract:**

This contribution addresses editor’s notes and updates for EAS registration procedure.

**Decision:** The document was **revised to S6-200556**.

**S6-200556 Pseudo-CR on updates in EAS registration**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: CATT*

(Replaces S6-200500)

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

**S6-200501 Pseudo-CR on edge application information notification**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: CATT*

**Abstract:**

This contribution defines procedures for edge application information notification.

**Decision:** The document was **revised to S6-200559**.

**S6-200559 Pseudo-CR on edge application information notification**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: CATT*

(Replaces S6-200501)

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

**S6-200558 Duplicate of 559**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: CATT*

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

**S6-200502 Update to Cardinality rules**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Update to Cardinality rules

**Decision:** The document was **revised to S6-200592**.

**S6-200592 Update to Cardinality rules**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon, Qualcomm, Intel*

(Replaces S6-200502)

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

**S6-200503 Service provisioning overview and triggers**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Service provisioning overview and triggers

**Decision:** The document was **revised to S6-200593**.

**S6-200593 Service provisioning overview and triggers**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

(Replaces S6-200503)

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

**S6-200504 Service provisioning input**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Service provisioning input

**Decision:** The document was **revised to S6-200594**.

**S6-200594 Service provisioning input**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

(Replaces S6-200504)

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

**S6-200505 Service provisioning procedures**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Service provisioning procedures

**Decision:** The document was **revised to S6-200595**.

**S6-200595 Service provisioning procedures**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon, Intel*

(Replaces S6-200505)

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

**S6-200506 User plane management events API**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for User plane management events API

**Decision:** The document was **revised to S6-200596**.

**S6-200596 User plane management events API**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

(Replaces S6-200506)

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

**S6-200507 Fetch target EAS information**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Fetch target EAS information

**Decision:** The document was **revised to S6-200597**.

**S6-200597 Discover target EAS information**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon, Ericsson*

(Replaces S6-200507)

**Discussion:**

The only change is adding an editor's note "The description text in clause 8.x.2.a and IEs for Security Credential and UE identifier in Table 8.x.3.1-1 should be corrected" in clause 8.x.

With the above change the revised contribution S6-200621, is considered pre-approved.

**Decision:** The document was **revised to S6-200621**.

**S6-200621 Discover target EAS information**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon, Ericsson*

(Replaces S6-200597)

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

**S6-200508 Network capability exposure to EAS**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Network capability exposure to EAS

**Decision:** The document was **revised to S6-200598**.

**S6-200598 Network capability exposure to EAS**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon, Samsung*

(Replaces S6-200508)

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

**S6-200509 General description for capabilities to support service continuity**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for General description for capabilities to support service continuity

**Decision:** The document was **revised to S6-200599**.

**S6-200599 General description for capabilities to support service continuity**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

(Replaces S6-200509)

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

**S6-200510 Basic application context relocation procedure**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Basic application context relocation procedure

**Decision:** The document was **revised to S6-200600**.

**S6-200600 Basic application context relocation procedure**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

(Replaces S6-200510)

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

**S6-200511 Application context relocation with connection re-establishment**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Application context relocation with connection re-establishment

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

**S6-200512 Clarification on EAS registration**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Clarification on EAS registration

**Decision:** The document was **revised to S6-200601**.

**S6-200601 Clarification on EAS registration**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

(Replaces S6-200512)

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

**S6-200513 EAS discovery update**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for EAS discovery update

**Decision:** The document was **revised to S6-200602**.

**S6-200602 EAS discovery update**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

(Replaces S6-200513)

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

**S6-200514 Deployment models update**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Deployment models update

**Decision:** The document was **revised to S6-200603**.

**S6-200603 Deployment models update**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

(Replaces S6-200514)

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

**S6-200515 Functionality of EDGE-8**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Functionality of EDGE-8

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

**S6-200516 Clarification on ACID**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Clarification on ACID

**Decision:** The document was **revised to S6-200604**.

**S6-200604 Clarification on ACID**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Huawei, Hisilicon*

(Replaces S6-200516)

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

**S6-200518 Pseudo-CR on EEC Registration**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Sony Europe B.V.*

**Abstract:**

Pseudo-CR on EEC Registration

**Decision:** The document was **revised to S6-200607**.

**S6-200607 Pseudo-CR on EEC Registration**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Sony*

(Replaces S6-200518)

**Discussion:**

Rapporteur to revert change to pre-condition 1 and only keep changes to editor's note.

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

**S6-200529 Pseudo-CR on FFS in cardinality rules (clause 6.5)**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Qualcomm Technologies Int*

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

**S6-200530 Pseudo-CR on alignment of EDN definition and specification usage**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Qualcomm Technologies Int*

**Decision:** The document was **revised to S6-200550**.

**S6-200550 Pseudo-CR on alignment of EDN definition and specification usage**

*Type: pCR For: Approval  
 23.558 v0.1.2  
 Source: Qualcomm Technologies Int*

(Replaces S6-200530)

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

## 8 Study Items

### 8.1 FS\_UASAPP – Study on application layer support for Unmanned Aerial System (UAS)

**S6-200438 pCR on Clarification of the definition of a UAS**

*Type: pCR For: Approval  
 23.755 v0.6.0  
 Source: InterDigital*

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

**S6-200439 Support for location provided by 3GPP via E-UTRAN and NG-RAN**

*Type: pCR For: Approval  
 23.755 v0.6.0  
 Source: InterDigital*

**Decision:** The document was **revised to S6-200542**.

**S6-200542 Support for location provided by 3GPP via E-UTRAN and NG-RAN**

*Type: pCR For: Approval  
 23.755 v0.6.0  
 Source: InterDigital, Deutsche Telekom, KRRI, Airbus, Tencent*

(Replaces S6-200439)

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

**S6-200440 Removal of Editor’s Note on trusted and untrusted location reporting requirements**

*Type: pCR For: Approval  
 23.755 v0.6.0  
 Source: InterDigital*

**Decision:** The document was **revised to S6-200543**.

**S6-200543 Removal of Editor’s Note on trusted and untrusted location reporting requirements**

*Type: pCR For: Approval  
 23.755 v0.6.0  
 Source: InterDigital, Airbus*

(Replaces S6-200440)

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

**S6-200444 Pseudo-CR on Study on Key issue#3, Address UAV’s airspace location**

*Type: pCR For: Approval  
 23.755 v0.6.0  
 Source: Tencent*

**Abstract:**

While SA6 focuses on application architecture for UAS, it is important to identify the various aerounatical data. This pCR discusses some advanced communication elements for a safe UAS operation. A UAV shall receive and recognize the airport information e

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

**S6-200445 Pseudo-CR on adding new Key issue #4: UAV flight restrictions**

*Type: pCR For: Approval  
 23.755 v0.6.0  
 Source: Tencent*

**Abstract:**

Airspace is largely static, and published in charts that are updated every few months. However, so-called Temporary Flight Restrictions (TFRs) or airport closures through Notice to Airmen (NOTAMs) can issue at any time and often become effective immediat

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

**S6-200446 Pseudo-CR on Key issue #3 UAV flight map data structure**

*Type: pCR For: Approval  
 23.755 v0.6.0  
 Source: Tencent*

**Abstract:**

Current TR 23.755 does not identify or neither provide avalible UAV flight map. This pCR proposes to add proposed JSON UAV flight map format in addition to identify UAV’s location mentioned as one of the possible solutions for Key issue #3 UAV location in

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

**S6-200447 Pseudo-CR on updated references and terminologies used in ASTM**

*Type: pCR For: Approval  
 23.755 v0.6.0  
 Source: Tencent*

**Abstract:**

update reference and add terminologies used in ASTM F38.02

**Decision:** The document was **revised to S6-200587**.

**S6-200587 Pseudo-CR on updated references regarding FAA’s NPRM**

*Type: pCR For: Approval  
 23.755 v0.6.0  
 Source: Tencent, Airbus, InterDigital*

(Replaces S6-200447)

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

**S6-200459 New key issue KI# Capability Exposure of UAS related information**

*Type: pCR For: Approval  
 23.755 v0.6.0  
 Source: China Unicom*

**Decision:** The document was **revised to S6-200609**.

**S6-200609 Pseudo-CR on FS\_UASAPP KIxx Capability Exposure of UAS related Information**

*Type: pCR For: Approval  
 23.755 v0.6.0  
 Source: China Unicom, Tencent, Huawei, Samsung, Deutsche Telekom, Airbus*

(Replaces S6-200459)

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

**S6-200517 Key issue on Support for operation modes selection for C2 communications**

*Type: pCR For: Approval  
 23.755 v0.6.0  
 Source: Huawei, Hisilicon*

**Abstract:**

Proposal for Key issue on Support for operation modes selection for C2 communications

**Decision:** The document was **revised to S6-200605**.

**S6-200605 Key issue on Support for operation modes selection for C2 communications**

*Type: pCR For: Approval  
 23.755 v0.6.0  
 Source: Huawei, Hisilicon, Tencent, Interdigital, Airbus*

(Replaces S6-200517)

**Discussion:**

Deutsche Telekom AG and Qualcomm suggested postponing until corresponding progress in SA2 can be ensured.

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

**S6-200519 Pseudo-CR on identifing new use case Key issue?: USS Discovery and Synchronization service**

*Type: pCR For: Approval  
 23.755 v0.6.0  
 Source: Tencent*

**Abstract:**

ASTM F38 has published the specfication for Remote ID and tracking [1], one of the killer feature is the USS interoperability. It assumes that UTM services in a given location are provided by a set of one or more UAS Service Suppliers (USSs). USSs must be

**Decision:** The document was **revised to S6-200606**.

**S6-200606 Pseudo-CR on Identifying new use case Key issue#X: USS Discovery and Synchronization service**

*Type: pCR For: Approval  
 23.755 v0.6.0  
 Source: Tencent, InterDigital*

(Replaces S6-200519)

**Discussion:**

Airbus did not agree to the proposed contribution.

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

### 8.2 FS\_5GMARCH – Study on support of the 5GMSG Service

**S6-200448 update the service name and UE types**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S6-200614**.

**S6-200614 FS\_5GMARCH update the service name and UE types**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: China Mobile Com. Corporation*

(Replaces S6-200448)

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

**S6-200449 5GMARCH Key Issue messaging mechanism**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: China Mobile Com. Corporation*

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

**S6-200450 Pseudo-CR on FS 5GMARCH Key Issue Application-to-point message exchange**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S6-200615**.

**S6-200615 Pseudo-CR on FS 5GMARCH Key Issue Application-to-point message exchange**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: China Mobile Com. Corporation*

(Replaces S6-200450)

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

**S6-200451 pCR KIxx\_solution message mechanism**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: China Mobile Com. Corporation*

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

**S6-200452 FS\_5GMARCH KI 7 solution MSGin5G Group Message after group is created**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S6-200616**.

**S6-200616 FS\_5GMARCH KI 7 solution MSGin5G Group Message after group is created**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: China Mobile Com. Corporation*

(Replaces S6-200452)

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

**S6-200453 addition of UE C in scenario 1**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: China Unicom*

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

**S6-200456 editorial edits**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: China Unicom*

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

**S6-200457 Pseudo-CR on FS\_5GMARCH KIxx support for broadcast area configuration**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: China Unicom*

**Decision:** The document was **revised to S6-200610**.

**S6-200610 Pseudo-CR on FS\_5GMARCH KIxx support for broadcast area configuration**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: China Unicom*

(Replaces S6-200457)

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

**S6-200458 Pseudo-CR on FS\_5GMARCH KIxx Mobility Management of MSGin5G related information**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: China Unicom*

**Decision:** The document was **revised to S6-200611**.

**S6-200611 Pseudo-CR on FS\_5GMARCH KIxx Mobility Management of MSGin5G related information**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: China Unicom*

(Replaces S6-200458)

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

**S6-200461 corrections for scenario 2**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: China Unicom*

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

**S6-200522 Pseudo-CR on adding scenarios for broadcast messages**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: Samsung*

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

**S6-200462 Pseudo-CR on FS\_5GMARCH corrections for scenario 4**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: China Unicom*

**Decision:** The document was **revised to S6-200612**.

**S6-200612 Pseudo-CR on FS\_5GMARCH corrections for scenario 4**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: China Unicom, Samsung*

(Replaces S6-200462)

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

**S6-200613 corrections for scenario 4**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: China Unicom*

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

**S6-200481 FS\_5GMARCH KI1 solution**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: Convida Wireless LLC, one2many*

**Abstract:**

Solution for Key Issue #1 on support of acknowledgement of delivery status

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

**S6-200520 Pseudo-CR on adding scenarios for point-to-point messages**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: Samsung*

**Decision:** The document was **revised to S6-200585**.

**S6-200585 Pseudo-CR on adding scenarios for point-to-point messages**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: Samsung, China Unicom*

(Replaces S6-200520)

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

**S6-200521 Pseudo-CR on adding scenarios for group messages**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: Samsung*

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

**S6-200454 corrections for scenario 2**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: China Unicom*

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

**S6-200455 corrections for scenario 4**

*Type: pCR For: Approval  
 23.700-24 v0.4.0  
 Source: China Unicom*

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

## 9 Work Plan review

**Rel-17 Work-Items**

- eMONASTERY2 60% -> **70%**

- MCIOPS 50% -> **65%**

- eMCData3 15% (not on the SA6#36-BIS agenda)

- EDGEAPP 20% -> **35%**

- enh3MCPTT 0% -> **5%**

**Studies**

- FS\_MCOver5GS 45% (not on the SA6#36-BIS agenda)

- FS\_enhMCLoc 75% (not on the SA6#36-BIS agenda)

- FS\_FFAPP 50% (not on the SA6#36-BIS agenda)

- FS\_UASAPP 35% -> **40%**

- FS\_eV2XAPP 50% (not on the SA6#36-BIS agenda)

- FS\_5GMARCH 40% -> **45%**

## 10 Future meetings

There was a discussion on how the delegates perceived the current e-meeting format. The delegates were in general positive to the mixed format with online sessions and email discussions. Some were distracted of the fact that some discussions continued over the weekend, while others thought such flexibility was welcome. It was noted that allowing the meeting run longer than the for F2F meeting typical one week length was particularly beneficial.

For list of planned meeting plese see Annex I:

## 11 AOB

The chairman remarked that the 1st term of vice chairman Mr Alan Soloway (Qualcomm) had reached its end and the election of a vice chair will hence be on the agenda of the SA6#37-e meeting.

## 12 Close of the meeting

Report prepared by: MCC

## Annex A: List of contribution documents

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Decision | Replaces | Replaced by |
| S6-200429 | SA6 Meeting 36-BIS-e Agenda | SA6 Chairman | noted |  |  |
| S6-200430 | SA6 Meeting 36-e Report | MCC | approved |  |  |
| S6-200431 | SA6 Meeting #36-BIS-e - Agenda with Tdocs allocation after submission deadline | SA6 Chairman | noted |  |  |
| S6-200432 | SA6 Meeting #36-BIS-e - Agenda with Tdocs allocation at start of the meeting | SA6 Chairman | approved |  |  |
| S6-200433 | SA6 Meeting #36-BIS-e - Chairman's notes at end of the meeting | SA6 Chairman | noted |  |  |
| S6-200434 | LIAISON STATEMENT TO EXTERNAL ORGANIZATIONS ON DRAFT REVISION OF REPORT ITU-R M.2291-1 “THE USE OF INTERNATIONAL MOBILE TELECOMMUNICATIONS (IMT) FOR BROADBAND PUBLIC PROTECTION AND DISASTER RELIEF (PPDR) APPLICATIONS” | ITU-R Working Party 5D | postponed |  |  |
| S6-200435 | Reply LS on Application Architecture for enabling Edge Applications | 3GPP SA5 | noted |  |  |
| S6-200436 | Disc on Clarification of the definition of a UAS | InterDigital | noted |  |  |
| S6-200437 | LS on Clarification of the definition of a UAS | InterDigital | revised |  | S6-200544 |
| S6-200438 | pCR on Clarification of the definition of a UAS | InterDigital | postponed |  |  |
| S6-200439 | Support for location provided by 3GPP via E-UTRAN and NG-RAN | InterDigital | revised |  | S6-200542 |
| S6-200440 | Removal of Editor’s Note on trusted and untrusted location reporting requirements | InterDigital | revised |  | S6-200543 |
| S6-200441 | Report on SA6 related topics at SA#87-e | SA6 Chairman | noted |  |  |
| S6-200442 | MCX service on a loaded eNodeB on a shared LTE network | HOME OFFICE | withdrawn |  |  |
| S6-200443 | Pseudo-CR on clause 3 | VODAFONE Group Plc | approved |  |  |
| S6-200444 | Pseudo-CR on Study on Key issue#3, Address UAV’s airspace location | Tencent | postponed |  |  |
| S6-200445 | Pseudo-CR on adding new Key issue #4: UAV flight restrictions | Tencent | postponed |  |  |
| S6-200446 | Pseudo-CR on Key issue #3 UAV flight map data structure | Tencent | postponed |  |  |
| S6-200447 | Pseudo-CR on updated references and terminologies used in ASTM | Tencent | revised |  | S6-200587 |
| S6-200448 | update the service name and UE types | China Mobile Com. Corporation | revised |  | S6-200614 |
| S6-200449 | 5GMARCH Key Issue messaging mechanism | China Mobile Com. Corporation | postponed |  |  |
| S6-200450 | Pseudo-CR on FS 5GMARCH Key Issue Application-to-point message exchange | China Mobile Com. Corporation | revised |  | S6-200615 |
| S6-200451 | pCR KIxx\_solution message mechanism | China Mobile Com. Corporation | postponed |  |  |
| S6-200452 | FS\_5GMARCH KI 7 solution MSGin5G Group Message after group is created | China Mobile Com. Corporation | revised |  | S6-200616 |
| S6-200453 | addition of UE C in scenario 1 | China Unicom | merged |  | S6-200520 |
| S6-200454 | corrections for scenario 2 | China Unicom | withdrawn |  |  |
| S6-200455 | corrections for scenario 4 | China Unicom | withdrawn |  |  |
| S6-200456 | editorial edits | China Unicom | approved |  |  |
| S6-200457 | Pseudo-CR on FS\_5GMARCH KIxx support for broadcast area configuration | China Unicom | revised |  | S6-200610 |
| S6-200458 | Pseudo-CR on FS\_5GMARCH KIxx Mobility Management of MSGin5G related information | China Unicom | revised |  | S6-200611 |
| S6-200459 | New key issue KI# Capability Exposure of UAS related information | China Unicom | revised |  | S6-200609 |
| S6-200460 | Enhancements to the information elements sent by the Edge Enabler Client and Edge Enabler Server | Apple | postponed |  |  |
| S6-200461 | corrections for scenario 2 | China Unicom | approved |  |  |
| S6-200462 | Pseudo-CR on FS\_5GMARCH corrections for scenario 4 | China Unicom | revised |  | S6-200612 |
| S6-200463 | pCR on Adding Geographical Area definition to commonly used values | Intel Deutschland GmbH, Samsung | postponed |  |  |
| S6-200464 | pCR on Adding service area definitions to common information elements | Intel Deutschland GmbH, Samsung | revised |  | S6-200560 |
| S6-200465 | pCR on Additions to service provisioning | Intel Deutschland GmbH, Samsung | postponed |  |  |
| S6-200466 | pCR on Distributed discovery deployment | Intel Deutschland GmbH | postponed |  |  |
| S6-200467 | Pseudo-CR on EAS discovery service on EDGE3 | Ericsson | merged |  | S6-200507 |
| S6-200468 | pCR on EAS Registration and EAS profile | Samsung | revised |  | S6-200548 |
| S6-200469 | MC user emergency state in IOPS | Ericsson | revised |  | S6-200588 |
| S6-200470 | Pseudo-CR on Emergency private calls in IOPS | Ericsson | revised |  | S6-200589 |
| S6-200471 | Pseudo-CR on Emergency group calls in IOPS | Ericsson | revised |  | S6-200590 |
| S6-200472 | Pseudo-CR on MCPTT group call release in IOPS | Ericsson | revised |  | S6-200591 |
| S6-200473 | Deployment model for different Network Slice implementations | Samsung | revised |  | S6-200551 |
| S6-200474 | pCR on service provisioning | Samsung | revised |  | S6-200552 |
| S6-200475 | pCR on application context relocation | Samsung | revised |  | S6-200608 |
| S6-200476 | pCR on EAS discovery response | Samsung | postponed |  |  |
| S6-200477 | Media security for MCPTT private call forwarding | Kontron Transportation France | revised |  | S6-200573 |
| S6-200478 | Media security for MCPTT private call forwarding immediate | Kontron Transportation France | revised |  | S6-200574 |
| S6-200479 | Corrections in MCPTT private call forwarding | Kontron Transportation France | revised |  | S6-200575 |
| S6-200480 | pCR on Client Information API | Convida Wireless LLC | revised |  | S6-200618 |
| S6-200481 | FS\_5GMARCH KI1 solution | Convida Wireless LLC, one2many | postponed |  |  |
| S6-200482 | Clarification for the IOPS MC Service ID | Samsung | revised |  | S6-200561 |
| S6-200483 | Clarifying the usage of IOPS MC Service IDs and IOPS MC Service Group IDs | Samsung | revised |  | S6-200562 |
| S6-200484 | Pseudo-CR on Group connectivity information in IP Connectivity group notify request | Samsung | revised |  | S6-200563 |
| S6-200485 | EAS description update | Samsung Electronics | revised |  | S6-200564 |
| S6-200486 | EAS information distribution | Samsung Electronics | postponed |  | - |
| S6-200487 | ECS obtaining UE location | Samsung Electronics | revised |  | S6-200565 |
| S6-200488 | EEC subscription for updates | Samsung Electronics | revised |  | S6-200586 |
| S6-200489 | Requirements for EES registration | Samsung Electronics | approved |  |  |
| S6-200490 | Restructure clause 8.6 | Samsung Electronics | revised |  | S6-200566 |
| S6-200491 | UE identifier API | Samsung Electronics | postponed |  |  |
| S6-200492 | LS out on UE Identifier API | Samsung Electronics | postponed |  |  |
| S6-200493 | Status of eMONASTERY2 | Nokia, Nokia Shanghai Bell | noted |  |  |
| S6-200494 | Introducing a functional alias as target address for private video calls | Nokia, Nokia Shanghai Bell | revised | S6-200213 | S6-200555 |
| S6-200495 | Media plane security when using a functional alias as target address for private MCPTT calls | Nokia, Nokia Shanghai Bell, Kontron Transportation | revised |  | S6-200557 |
| S6-200496 | Clarification on target recipients in first-to-answer calls | Nokia, Nokia Shanghai Bell | revised | S6-200425 | S6-200553 |
| S6-200497 | Clarification on target recipients in first-to-answer calls | Nokia, Nokia Shanghai Bell | revised | S6-200426 | S6-200554 |
| S6-200498 | Pseudo-CR on Correction and enhancements to the common information elements sent by the Application Client | Apple | revised |  | S6-200545 |
| S6-200499 | Pseudo-CR on Corrections to the Service KPI Information Elements | Apple | revised |  | S6-200546 |
| S6-200500 | Pseudo-CR on updates in EAS registration | CATT | revised |  | S6-200556 |
| S6-200501 | Pseudo-CR on edge application information notification | CATT | revised |  | S6-200559 |
| S6-200502 | Update to Cardinality rules | Huawei, Hisilicon | revised |  | S6-200592 |
| S6-200503 | Service provisioning overview and triggers | Huawei, Hisilicon | revised |  | S6-200593 |
| S6-200504 | Service provisioning input | Huawei, Hisilicon | revised |  | S6-200594 |
| S6-200505 | Service provisioning procedures | Huawei, Hisilicon | revised |  | S6-200595 |
| S6-200506 | User plane management events API | Huawei, Hisilicon | revised |  | S6-200596 |
| S6-200507 | Fetch target EAS information | Huawei, Hisilicon | revised |  | S6-200597 |
| S6-200508 | Network capability exposure to EAS | Huawei, Hisilicon | revised |  | S6-200598 |
| S6-200509 | General description for capabilities to support service continuity | Huawei, Hisilicon | revised |  | S6-200599 |
| S6-200510 | Basic application context relocation procedure | Huawei, Hisilicon | revised |  | S6-200600 |
| S6-200511 | Application context relocation with connection re-establishment | Huawei, Hisilicon | postponed |  | - |
| S6-200512 | Clarification on EAS registration | Huawei, Hisilicon | revised |  | S6-200601 |
| S6-200513 | EAS discovery update | Huawei, Hisilicon | revised |  | S6-200602 |
| S6-200514 | Deployment models update | Huawei, Hisilicon | revised |  | S6-200603 |
| S6-200515 | Functionality of EDGE-8 | Huawei, Hisilicon | merged |  | S6-200487 |
| S6-200516 | Clarification on ACID | Huawei, Hisilicon | revised |  | S6-200604 |
| S6-200517 | Key issue on Support for operation modes selection for C2 communications | Huawei, Hisilicon | revised |  | S6-200605 |
| S6-200518 | Pseudo-CR on EEC Registration | Sony Europe B.V. | revised |  | S6-200607 |
| S6-200519 | Pseudo-CR on identifing new use case Key issue?: USS Discovery and Synchronization service | Tencent | revised |  | S6-200606 |
| S6-200520 | Pseudo-CR on adding scenarios for point-to-point messages | Samsung | revised |  | S6-200585 |
| S6-200521 | Pseudo-CR on adding scenarios for group messages | Samsung | approved |  |  |
| S6-200522 | Pseudo-CR on adding scenarios for broadcast messages | Samsung | merged |  | S6-200462 |
| S6-200523 | Add consumer for discover and publish service APIs | Ericsson | agreed |  |  |
| S6-200524 | Add consumer for discover and publish service APIs | Ericsson | agreed |  |  |
| S6-200525 | Add obtaining routing info service API | Ericsson | agreed |  |  |
| S6-200526 | Add obtaining routing info service API | Ericsson | agreed |  |  |
| S6-200527 | Correct API topology hiding | Ericsson | revised |  | S6-200578 |
| S6-200528 | Correct API topology hiding | Ericsson | revised |  | S6-200579 |
| S6-200529 | Pseudo-CR on FFS in cardinality rules (clause 6.5) | Qualcomm Technologies Int | merged |  | S6-200502 |
| S6-200530 | Pseudo-CR on alignment of EDN definition and specification usage | Qualcomm Technologies Int | revised |  | S6-200550 |
| S6-200531 | Additional details to the Location information report | BDBOS | revised |  | S6-200581 |
| S6-200532 | Additional details to the Location information notification | BDBOS | revised |  | S6-200582 |
| S6-200533 | Additional details to the Location report response | BDBOS | revised |  | S6-200583 |
| S6-200534 | Additional details to the Location reporting procedures | BDBOS | revised |  | S6-200584 |
| S6-200535 | Off-network storing of location information procedure | BDBOS | postponed |  |  |
| S6-200536 | Replacing the usage of MCPTT with MC Service | Samsung R&D Institute India | revised |  | S6-200567 |
| S6-200537 | Corrections to Location Information flows | Samsung R&D Institute India | postponed |  | S6-200568 |
| S6-200538 | Location information in the emergency alert request | Samsung | revised |  | S6-200569 |
| S6-200539 | Minor corrections of the information elements | Samsung | revised |  | S6-200570 |
| S6-200540 | Minor changes to ambient listening procedures on user indication | Samsung | revised |  | S6-200571 |
| S6-200541 | Removing subscription and notification for functional alias | Samsung | revised |  | S6-200572 |
| S6-200542 | Support for location provided by 3GPP via E-UTRAN and NG-RAN | InterDigital, Deutsche Telekom, KRRI, Airbus, Tencent | approved | S6-200439 | - |
| S6-200543 | Removal of Editor’s Note on trusted and untrusted location reporting requirements | InterDigital, Airbus | approved | S6-200440 | - |
| S6-200544 | LS on Clarification of the definition of a UAS | InterDigital | approved | S6-200437 | - |
| S6-200545 | Pseudo-CR on Correction and enhancements to the common information elements sent by the Application Client | Apple | approved | S6-200498 | - |
| S6-200546 | Pseudo-CR on Corrections to the Service KPI Information Elements | Apple | approved | S6-200499 | - |
| S6-200547 | LS on provisioning "EDN connection info" by Edge Configuration Server | Apple | revised | - | S6-200617 |
| S6-200548 | pCR on EAS Registration and EAS profile | Samsung | approved | S6-200468 | - |
| S6-200549 | LS on Clarification of requirements for UAS application enablement | InterDigital | revised | - | S6-200576 |
| S6-200550 | Pseudo-CR on alignment of EDN definition and specification usage | Qualcomm Technologies Int | approved | S6-200530 | - |
| S6-200551 | Deployment model for different Network Slice implementations | Samsung | postponed | S6-200473 | - |
| S6-200552 | pCR on service provisioning | Samsung | postponed | S6-200474 | - |
| S6-200553 | Clarification on target recipients in first-to-answer calls | Nokia, Nokia Shanghai Bell | agreed | S6-200496 | - |
| S6-200554 | Clarification on target recipients in first-to-answer calls | Nokia, Nokia Shanghai Bell | agreed | S6-200497 | - |
| S6-200555 | Introducing a functional alias as target address for private video calls | Nokia, Nokia Shanghai Bell | postponed | S6-200494 | - |
| S6-200556 | Pseudo-CR on updates in EAS registration | CATT | approved | S6-200500 | - |
| S6-200557 | Media plane security when using a functional alias as target address for private MCPTT calls | Nokia, Nokia Shanghai Bell, Kontron Transportation | postponed | S6-200495 | - |
| S6-200558 | Duplicate of 559 | CATT | withdrawn | - | - |
| S6-200559 | Pseudo-CR on edge application information notification | CATT | postponed | S6-200501 | - |
| S6-200560 | Pseudo-CR on Adding service area definitions to common information elements | Intel, Samsung | revised | S6-200464 | S6-200577 |
| S6-200561 | Pseudo-CR on Clarification for the IOPS MC Service ID | Samsung | approved | S6-200482 | - |
| S6-200562 | Pseudo-CR on Clarifying the usage of IOPS MC Service IDs and IOPS MC Service Group IDs | Samsung | approved | S6-200483 | - |
| S6-200563 | Pseudo-CR on Group connectivity information in IP Connectivity group notify request | Samsung | approved | S6-200484 | - |
| S6-200564 | Pseudo-CR on EAS description update | Samsung, AT&T | approved | S6-200485 | - |
| S6-200565 | Pseudo-CR on ECS obtaining UE location | Samsung, Huawei, Deutsche Telekom | approved | S6-200487 | - |
| S6-200566 | Pseudo-CR on restructuring clause 8.6 | Samsung Electronics | approved | S6-200490 | - |
| S6-200567 | Replacing the usage of MCPTT with MC Service | Samsung R&D Institute India | agreed | S6-200536 | - |
| S6-200568 | Corrections to Location Information flows | Samsung R&D Institute India | withdrawn | S6-200537 | - |
| S6-200569 | Location information in the emergency alert request | Samsung | agreed | S6-200538 | - |
| S6-200570 | Minor corrections of the informational elements | Samsung | agreed | S6-200539 | - |
| S6-200571 | Minor changes to ambient listening procedures on user indication | Samsung | agreed | S6-200540 | - |
| S6-200572 | Removing subscription and notification for functional alias | Samsung | agreed | S6-200541 | - |
| S6-200573 | Media security for MCPTT private call forwarding | Kontron Transportation France | agreed | S6-200477 | - |
| S6-200574 | Media security for MCPTT private call forwarding immediate | Kontron Transportation France | agreed | S6-200478 | - |
| S6-200575 | Corrections in MCPTT private call forwarding | Kontron Transportation France | agreed | S6-200479 | - |
| S6-200576 | LS on Clarification of requirements for UAS application enablement | InterDigital | revised | S6-200549 | S6-200619 |
| S6-200577 | Pseudo-CR on Adding service area definitions to common information elements | Intel, Samsung | approved | S6-200560 | - |
| S6-200578 | Correct API topology hiding | Ericsson | agreed | S6-200527 | - |
| S6-200579 | Correct API topology hiding | Ericsson | agreed | S6-200528 | - |
| S6-200580 | LS on requirement for 5GMSG in broadcast scenario | SA6 | approved | - | - |
| S6-200581 | Additional details to the Location information report | BDBOS, KRRI | agreed | S6-200531 | - |
| S6-200582 | Additional details to the Location information notification | BDBOS | agreed | S6-200532 | - |
| S6-200583 | Additional details to the Location report response | BDBOS | agreed | S6-200533 | - |
| S6-200584 | Additional details to the Location reporting procedures | BDBOS | agreed | S6-200534 | - |
| S6-200585 | Pseudo-CR on adding scenarios for point-to-point messages | Samsung, China Unicom | approved | S6-200520 | - |
| S6-200586 | Pseudo-CR on EEC subscription for updates | Samsung | postponed | S6-200488 | - |
| S6-200587 | Pseudo-CR on updated references regarding FAA’s NPRM | Tencent, Airbus, InterDigital | postponed | S6-200447 | - |
| S6-200588 | Pseudo-CR on MC user’s priority state in IOPS | Ericsson | approved | S6-200469 | - |
| S6-200589 | Pseudo-CR on Emergency private calls in IOPS | Ericsson | approved | S6-200470 | - |
| S6-200590 | Pseudo-CR on Emergency group calls in IOPS | Ericsson | approved | S6-200471 | - |
| S6-200591 | Pseudo-CR on MCPTT group call release in IOPS | Ericsson | approved | S6-200472 | - |
| S6-200592 | Update to Cardinality rules | Huawei, Hisilicon, Qualcomm, Intel | approved | S6-200502 | - |
| S6-200593 | Service provisioning overview and triggers | Huawei, Hisilicon | approved | S6-200503 | - |
| S6-200594 | Service provisioning input | Huawei, Hisilicon | approved | S6-200504 | - |
| S6-200595 | Service provisioning procedures | Huawei, Hisilicon, Intel | postponed | S6-200505 | - |
| S6-200596 | User plane management events API | Huawei, Hisilicon | approved | S6-200506 | - |
| S6-200597 | Discover target EAS information | Huawei, Hisilicon, Ericsson | revised | S6-200507 | S6-200621 |
| S6-200598 | Network capability exposure to EAS | Huawei, Hisilicon, Samsung | approved | S6-200508 | - |
| S6-200599 | General description for capabilities to support service continuity | Huawei, Hisilicon | approved | S6-200509 | - |
| S6-200600 | Basic application context relocation procedure | Huawei, Hisilicon | postponed | S6-200510 | - |
| S6-200601 | Clarification on EAS registration | Huawei, Hisilicon | approved | S6-200512 | - |
| S6-200602 | EAS discovery update | Huawei, Hisilicon | postponed | S6-200513 | - |
| S6-200603 | Deployment models update | Huawei, Hisilicon | approved | S6-200514 | - |
| S6-200604 | Clarification on ACID | Huawei, Hisilicon | postponed | S6-200516 | - |
| S6-200605 | Key issue on Support for operation modes selection for C2 communications | Huawei, Hisilicon, Tencent, Interdigital, Airbus | postponed | S6-200517 | - |
| S6-200606 | Pseudo-CR on Identifying new use case Key issue#X: USS Discovery and Synchronization service | Tencent, InterDigital | postponed | S6-200519 | - |
| S6-200607 | Pseudo-CR on EEC Registration | Sony | approved | S6-200518 | - |
| S6-200608 | pCR on application context relocation | Samsung | postponed | S6-200475 | - |
| S6-200609 | Pseudo-CR on FS\_UASAPP KIxx Capability Exposure of UAS related Information | China Unicom, Tencent, Huawei, Samsung, Deutsche Telekom, Airbus | approved | S6-200459 | - |
| S6-200610 | Pseudo-CR on FS\_5GMARCH KIxx support for broadcast area configuration | China Unicom | approved | S6-200457 | - |
| S6-200611 | Pseudo-CR on FS\_5GMARCH KIxx Mobility Management of MSGin5G related information | China Unicom | approved | S6-200458 | - |
| S6-200612 | Pseudo-CR on FS\_5GMARCH corrections for scenario 4 | China Unicom, Samsung | approved | S6-200462 | - |
| S6-200613 | corrections for scenario 4 | China Unicom | withdrawn | - | - |
| S6-200614 | FS\_5GMARCH update the service name and UE types | China Mobile Com. Corporation | approved | S6-200448 | - |
| S6-200615 | Pseudo-CR on FS 5GMARCH Key Issue Application-to-point message exchange | China Mobile Com. Corporation | approved | S6-200450 | - |
| S6-200616 | FS\_5GMARCH KI 7 solution MSGin5G Group Message after group is created | China Mobile Com. Corporation | postponed | S6-200452 | - |
| S6-200617 | LS on provisioning "EDN connection info" by Edge Configuration Server | SA6 | approved | S6-200547 | - |
| S6-200618 | Client Information API | Convida Wireless LLC | approved | S6-200480 | - |
| S6-200619 | LS on Clarification of requirements for UAS application enablement | InterDigital | revised | S6-200576 | c |
| S6-200620 | LS on Clarification of requirements for UAS application enablement | SA6 | approved | S6-200619 | - |
| S6-200621 | Discover target EAS information | Huawei, Hisilicon, Ericsson | approved | S6-200597 | - |

## Annex B: List of change requests

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Spec | CR | Rev | Rel | Cat | WI | Decision |
| S6-200523 | Add consumer for discover and publish service APIs | Ericsson | 23.222 | 0068 | - | Rel-16 | F | eCAPIF | agreed |
| S6-200524 | Add consumer for discover and publish service APIs | Ericsson | 23.222 | 0069 | - | Rel-17 | A | eCAPIF | agreed |
| S6-200525 | Add obtaining routing info service API | Ericsson | 23.222 | 0070 | - | Rel-16 | F | eCAPIF | agreed |
| S6-200526 | Add obtaining routing info service API | Ericsson | 23.222 | 0071 | - | Rel-17 | A | eCAPIF | agreed |
| S6-200527 | Correct API topology hiding | Ericsson | 23.222 | 0072 | - | Rel-16 | F | eCAPIF | revised |
| S6-200578 | Correct API topology hiding | Ericsson | 23.222 | 0072 | 1 | Rel-16 | F | eCAPIF | agreed |
| S6-200528 | Correct API topology hiding | Ericsson | 23.222 | 0073 | - | Rel-17 | A | eCAPIF | revised |
| S6-200579 | Correct API topology hiding | Ericsson | 23.222 | 0073 | 1 | Rel-17 | A | eCAPIF | agreed |
| S6-200531 | Additional details to the Location information report | BDBOS | 23.280 | 0243 | - | Rel-17 | B | enh3MCPTT | revised |
| S6-200581 | Additional details to the Location information report | BDBOS, KRRI | 23.280 | 0243 | 1 | Rel-17 | B | enh3MCPTT | agreed |
| S6-200532 | Additional details to the Location information notification | BDBOS | 23.280 | 0244 | - | Rel-17 | B | enh3MCPTT | revised |
| S6-200582 | Additional details to the Location information notification | BDBOS | 23.280 | 0244 | 1 | Rel-17 | B | enh3MCPTT | agreed |
| S6-200533 | Additional details to the Location report response | BDBOS | 23.280 | 0245 | - | Rel-17 | B | enh3MCPTT | revised |
| S6-200583 | Additional details to the Location report response | BDBOS | 23.280 | 0245 | 1 | Rel-17 | B | enh3MCPTT | agreed |
| S6-200534 | Additional details to the Location reporting procedures | BDBOS | 23.280 | 0246 | - | Rel-17 | B | enh3MCPTT | revised |
| S6-200584 | Additional details to the Location reporting procedures | BDBOS | 23.280 | 0246 | 1 | Rel-17 | B | enh3MCPTT | agreed |
| S6-200535 | Off-network storing of location information procedure | BDBOS | 23.280 | 0247 | - | Rel-17 | B | enh3MCPTT | postponed |
| S6-200536 | Replacing the usage of MCPTT with MC Service | Samsung R&D Institute India | 23.280 | 0248 | - | Rel-17 | C | enh3MCPTT | revised |
| S6-200567 | Replacing the usage of MCPTT with MC Service | Samsung R&D Institute India | 23.280 | 0248 | 1 | Rel-17 | C | enh3MCPTT | agreed |
| S6-200537 | Corrections to Location Information flows | Samsung R&D Institute India | 23.280 | 0249 | - | Rel-17 | C | enh3MCPTT | postponed |
| S6-200568 | Corrections to Location Information flows | Samsung R&D Institute India | 23.280 | 0249 | 1 | Rel-17 | C | enh3MCPTT | withdrawn |
| S6-200538 | Location information in the emergency alert request | Samsung | 23.280 | 0250 | - | Rel-17 | C | enh3MCPTT | revised |
| S6-200569 | Location information in the emergency alert request | Samsung | 23.280 | 0250 | 1 | Rel-17 | C | enh3MCPTT | agreed |
| S6-200494 | Introducing a functional alias as target address for private video calls | Nokia, Nokia Shanghai Bell | 23.281 | 0142 | 3 | Rel-17 | B | eMONASTERY2 | revised |
| S6-200555 | Introducing a functional alias as target address for private video calls | Nokia, Nokia Shanghai Bell | 23.281 | 0142 | 4 | Rel-17 | B | eMONASTERY2 | postponed |
| S6-200496 | Clarification on target recipients in first-to-answer calls | Nokia, Nokia Shanghai Bell | 23.379 | 0251 | 2 | Rel-16 | F | MONASTERY2 | revised |
| S6-200553 | Clarification on target recipients in first-to-answer calls | Nokia, Nokia Shanghai Bell | 23.379 | 0251 | 3 | Rel-16 | F | MONASTERY2 | agreed |
| S6-200497 | Clarification on target recipients in first-to-answer calls | Nokia, Nokia Shanghai Bell | 23.379 | 0252 | 2 | Rel-17 | A | MONASTERY2 | revised |
| S6-200554 | Clarification on target recipients in first-to-answer calls | Nokia, Nokia Shanghai Bell | 23.379 | 0252 | 3 | Rel-17 | A | MONASTERY2 | agreed |
| S6-200477 | Media security for MCPTT private call forwarding | Kontron Transportation France | 23.379 | 0253 | - | Rel-16 | F | eMONASTERY2 | revised |
| S6-200573 | Media security for MCPTT private call forwarding | Kontron Transportation France | 23.379 | 0253 | 1 | Rel-16 | F | eMONASTERY2 | agreed |
| S6-200478 | Media security for MCPTT private call forwarding immediate | Kontron Transportation France | 23.379 | 0254 | - | Rel-17 | A | eMONASTERY2 | revised |
| S6-200574 | Media security for MCPTT private call forwarding immediate | Kontron Transportation France | 23.379 | 0254 | 1 | Rel-17 | A | eMONASTERY2 | agreed |
| S6-200479 | Corrections in MCPTT private call forwarding | Kontron Transportation France | 23.379 | 0255 | - | Rel-17 | F | eMONASTERY2 | revised |
| S6-200575 | Corrections in MCPTT private call forwarding | Kontron Transportation France | 23.379 | 0255 | 1 | Rel-17 | F | eMONASTERY2 | agreed |
| S6-200495 | Media plane security when using a functional alias as target address for private MCPTT calls | Nokia, Nokia Shanghai Bell, Kontron Transportation | 23.379 | 0256 | - | Rel-17 | F | eMONASTERY2 | revised |
| S6-200557 | Media plane security when using a functional alias as target address for private MCPTT calls | Nokia, Nokia Shanghai Bell, Kontron Transportation | 23.379 | 0256 | 1 | Rel-17 | F | eMONASTERY2 | postponed |
| S6-200539 | Minor corrections of the information elements | Samsung | 23.379 | 0257 | - | Rel-17 | C | enh3MCPTT | revised |
| S6-200570 | Minor corrections of the informational elements | Samsung | 23.379 | 0257 | 1 | Rel-17 | C | enh3MCPTT | agreed |
| S6-200540 | Minor changes to ambient listening procedures on user indication | Samsung | 23.379 | 0258 | - | Rel-17 | C | enh3MCPTT | revised |
| S6-200571 | Minor changes to ambient listening procedures on user indication | Samsung | 23.379 | 0258 | 1 | Rel-17 | C | enh3MCPTT | agreed |
| S6-200541 | Removing subscription and notification for functional alias | Samsung | 23.379 | 0259 | - | Rel-17 | C | enh3MCPTT | revised |
| S6-200572 | Removing subscription and notification for functional alias | Samsung | 23.379 | 0259 | 1 | Rel-17 | C | enh3MCPTT | agreed |

## Annex C: Lists of liaisons

### C1: Incoming liaison statements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Original | Title | From | Decision | Reply TDoc |
| S6-200434 | 5D\_TD\_52R1e\_IMT-2020 | LIAISON STATEMENT TO EXTERNAL ORGANIZATIONS ON DRAFT REVISION OF REPORT ITU-R M.2291-1 “THE USE OF INTERNATIONAL MOBILE TELECOMMUNICATIONS (IMT) FOR BROADBAND PUBLIC PROTECTION AND DISASTER RELIEF (PPDR) APPLICATIONS” | ITU-R Working Party 5D | postponed | (none) |
| S6-200435 | S5-201598 | Reply LS on Application Architecture for enabling Edge Applications | 3GPP SA5 | noted | (none) |

### C2: Outgoing liaison statements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Document | Title | To | Cc | reply to i/c LS |
| S6-200544 | LS on Clarification of the definition of a UAS | SA1 | SA2 | - |
| S6-200580 | LS on requirement for 5GMSG in broadcast scenario | SA1 | - |  |
| S6-200617 | LS on provisioning "EDN connection info" by Edge Configuration Server | SA2 | - | - |
| S6-200620 | LS on Clarification of requirements for UAS application enablement | SA1 | SA2 | - |

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

n/a

## Annex E: List of draft Technical Specifications and Reports

n/a

## Annex F: List of action items

n/a

## Annex G: List of decisions

n/a

## Annex H: List of participants

|  |  |  |
| --- | --- | --- |
| Name | Representing | Status (OP) |
| ALEKSIEV, Vasil | Deutsche Telekom AG | 3GPPMEMBER (ETSI) |
| ALNÃ¥S, Svante | Sony Europe B.V. | 3GPPMEMBER (ETSI) |
| AMOGH, Niranth | Huawei Telecommunication India | 3GPPMEMBER (TSDSI) |
| ARORA, Saurav | ETSI | 3GPPORG\_REP (ETSI) |
| BAI, kunai | TD Tech Ltd | 3GPPMEMBER (CCSA) |
| BEICHT, Peter | Kontron Transportation France | 3GPPMEMBER (ETSI) |
| BUDAVARAPU, Mahesh | RadiSys | 3GPPMEMBER (ETSI) |
| CHATER-LEA, David | Motorola Solutions UK Ltd. | 3GPPMEMBER (ETSI) |
| CHEN, Xiao | ZTE Photonics | 3GPPMEMBER (CCSA) |
| CHEN, Ying | TD Tech Ltd | 3GPPMEMBER (CCSA) |
| CHITTURI, Suresh | Samsung Electronics Co., Ltd | 3GPPMEMBER (TTA) |
| CHOI, Sang Won | KRRI | 3GPPMEMBER (TTA) |
| DA SILVA, Francisco | Huawei Technologies Sweden AB | 3GPPMEMBER (ETSI) |
| EGBUNA, Davina | Airbus | 3GPPMEMBER (ETSI) |
| ELLOUMI, Omar | Nokia France | 3GPPMEMBER (ETSI) |
| FEATHERSTONE, Walter | Samsung R&D Institute UK | 3GPPMEMBER (ETSI) |
| GE, Cuili | HUAWEI TECHNOLOGIES Co. Ltd. | 3GPPMEMBER (ETSI) |
| GOLDHAMER, Mariana | HERON | 3GPPMEMBER (ETSI) |
| GUPTA, Nishant | Samsung R&D Institute India | 3GPPMEMBER (TSDSI) |
| HALL, Edward | Qualcomm Technologies Int | 3GPPMEMBER (ETSI) |
| HAN, Andrew Min-gyu | Hansung University | 3GPPMEMBER (TTA) |
| JANKY, William | FirstNet | 3GPPMEMBER (ATIS) |
| JIAO, Jerry | ZTE Trunking Technology Corp. | 3GPPMEMBER (CCSA) |
| KARAKAS, Nurettin Can | Havelsan | 3GPPMEMBER (ETSI) |
| KILGOUR, Kit | Hytera Communications Corp. | 3GPPMEMBER (CCSA) |
| KIM, Hyesung | Samsung R&D Institute UK | 3GPPMEMBER (ETSI) |
| KISS, Krisztian | Apple (UK) Limited | 3GPPMEMBER (ETSI) |
| KOERSTEN, Frank | BDBOS | 3GPPMEMBER (ETSI) |
| LAZARA, Dominic | Motorola Solutions Germany | 3GPPMEMBER (ETSI) |
| LEVINE, Anatoli | Softil Ltd | 3GPPMEMBER (ETSI) |
| LI, Alice | VODAFONE Group Plc | 3GPPMEMBER (ETSI) |
| LIN, Lin | China Unicom | 3GPPMEMBER (CCSA) |
| LIU, Yue | China Mobile Com. Corporation | 3GPPMEMBER (CCSA) |
| MATTSSON, Bernt | ETSI | 3GPPORG\_REP (ETSI) |
| MCCARTY, Paul | L3Harris Technologies | 3GPPMEMBER (ATIS) |
| MERRICK, Robert | HOME OFFICE | 3GPPMEMBER (ETSI) |
| MLADIN, Catalina | Convida Wireless | 3GPPMEMBER (ETSI) |
| MOHAJERI, Shahram | AT&T GNS Belgium SPRL | 3GPPMEMBER (ETSI) |
| MONNES, Peter | Perspecta Labs Inc. | 3GPPMEMBER (ATIS) |
| MONRAD, Atle | InterDigital, Europe, Ltd. | 3GPPMEMBER (ETSI) |
| MOSES, Danny | Intel Deutschland GmbH | 3GPPMEMBER (ETSI) |
| NEAL, Adrian | Vodafone GmbH | 3GPPMEMBER (ETSI) |
| NERLIKAR, Rohit | Motorola Solutions UK Ltd. | 3GPPMEMBER (ETSI) |
| OETTL, Martin | Nokia Corporation | 3GPPMEMBER (ETSI) |
| OPRESCU, Val | AT&T | 3GPPMEMBER (ATIS) |
| PATEROMICHELAKIS, Emmanouil | Motorola Mobility Germany GmbH | 3GPPMEMBER (ETSI) |
| PATTAN, Basavaraj (Basu) | Samsung R&D Institute India | 3GPPMEMBER (TSDSI) |
| PESONEN, Tero | Erillisverkot | 3GPPMEMBER (ETSI) |
| PIROARD, Francois | Airbus | 3GPPMEMBER (ETSI) |
| PISON, Laurent | Bull SAS | 3GPPMEMBER (ETSI) |
| RAMAMOORTHY, Arunprasath | Samsung R&D Institute India | 3GPPMEMBER (TSDSI) |
| RAYNE, Mark | Sepura Ltd | 3GPPMEMBER (ETSI) |
| RURAINSKY, Juergen | BDBOS | 3GPPMEMBER (ETSI) |
| SANDERS, Peter | one2many B.V. | 3GPPMEMBER (ETSI) |
| SCARRONE, Enrico | TELECOM ITALIA S.p.A. | 3GPPMEMBER (ETSI) |
| SHIH, Jerry | AT&T GNS Belgium SPRL | 3GPPMEMBER (ETSI) |
| SOLANO, Camilo | Ericsson France S.A.S | 3GPPMEMBER (ETSI) |
| SOLOWAY, Alan | Qualcomm Incorporated | 3GPPMEMBER (ATIS) |
| VERWEIJ, Kees | The Police of the Netherlands | 3GPPMEMBER (ETSI) |
| VIALEN, Jukka | Airbus | 3GPPMEMBER (ETSI) |
| WENDLER, Ingo | Union Inter. Chemins de Fer | 3GPPMEMBER (ETSI) |
| XU, Wenliang | Nanjing Ericsson Panda Com Ltd | 3GPPMEMBER (CCSA) |
| YANG, Yanmei | Huawei Technologies Japan K.K. | 3GPPMEMBER (TTC) |
| YI, Jong-Hwa | ETRI | 3GPPMEMBER (TTA) |
| ZAUS, Robert | Apple GmbH | 3GPPMEMBER (ETSI) |
| ZHANG, Ling | CATT | 3GPPMEMBER (ETSI) |
| ZHAO, Shuai | Tencent | 3GPPMEMBER (CCSA) |
| ZHONG, Lei | TOYOTA MOTOR CORPORATION | 3GPPMEMBER (TTC) |

## Annex I: List of future meetings

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Title** | **Start date** | **End date (OP)** | **Town** | **Country** | **Reference** |
| 3GPPSA6#37-e | 14/05/2020 13:00:00 UTC | 26/05/2020 15:00:00 UTC | - | - | S6-37- |
| 3GPPSA6#38-e | 20/07/2020 TBC | 30/07/2020 TBC | - | - | S6-38 |
| 3GPPSA6#39 | 31/08/2020 09:00:00 | 04/09/2020 17:30:00 | Wroclaw | PL | S6-39 |
| 3GPPSA6#39-BIS | 12/10/2020 09:00:00 | 16/10/2020 17:30:00 | Tallinn | EE | - |
| 3GPPSA6#40 | 16/11/2020 09:00:00 | 20/11/2020 17:30:00 | TBD | NA | S6-40 |
| 3GPPSA6#41 | 18/01/2021 09:00:00 | 22/01/2021 17:30:00 | TBD | NA | S6-41 |
| 3GPPSA6#42 | 01/03/2021 09:00:00 | 05/03/2021 17:30:00 | TBD | NA | S6-42 |
| 3GPPSA6#43 | 03/05/2021 09:00:00 | 07/05/2021 17:30:00 | TBD | NA | S6-43 |
| 3GPPSA6#44 | 12/07/2021 09:00:00 | 16/07/2021 17:30:00 | TBD | NA | S6-44 |
| 3GPPSA6#45 | 30/08/2021 09:00:00 | 03/09/2021 17:30:00 | TBD | NA | S6-45 |
| 3GPPSA6#  Adhoc | 11/10/2021 09:00:00 | 15/10/2021 17:30:00 | TBD | NA | - |
| 3GPPSA6#46 | 15/11/2021 09:00:00 | 19/11/2021 17:30:00 | TBD | NA | S6-46 |