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|  | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2022-2024 | | SG11-TD361/GEN | | |
| STUDY GROUP 11 | | |
| Original: English | | |
| **Question(s):** | | 6/11 | | Geneva, 10-19 May 2023 | |
| **TD** | | | | | |
| **Source:** | | Rapporteur | | | |
| **Title:** | | Draft Report of Q6/11 RGM meeting “Protocols supporting control and management technologies for IMT-2020 and beyond” (e-meeting, 6-8 March 2023) | | | |
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| **Abstract:** | Draft Report of Q6/11 RGM meeting “Protocols supporting control and management technologies for IMT-2020 and beyond” (e-meeting, 6-8 March 2023) |

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# 1 Introduction

Question 6/11 was addressed in 3 sessions during interim Rapporteur group e-meeting (6-8 March 2023), under the chairmanship of Rapporteur of Q6/11, Ms Dan Xu (China Telecom, China) by remote connection. The group adopted the agenda in [Q6/11-DOC6R1](https://extranet.itu.int/meetings/ITU-T/T22-SG11RGM/Q6-221017/SitePages/Welcome.aspx).

The objectives for this meeting were:

* Progress Q.IITSN and line by line review for the first time;
* Progress and Q.PMMC.

## 1.1 IPR Call

The Rapporteur, Ms Dan Xu, reminded the meeting participants of the ITU-T IPR Policy (see <http://www.itu.int/en/ITU-T/ipr/Pages/default.aspx>) and asked at the beginning of the meeting, whether anyone had knowledge of patents or software copyrights, the use of which may be required to implement the Recommendations being considered.

No declarations were made during the Q6/11 meeting.

# 2 Documentation and emailing lists

## 2.1 Documentation

The list of input documents for the meeting is found in Annex A.

Documents considered at this meeting are available at  
<https://extranet.itu.int/meetings/ITU-T/T22-SG11RGM/Q6-230306/SitePages/Welcome.aspx>

The complete list of documents which are addressed to Q6/11 is presented below.

|  |  |
| --- | --- |
| **Input documents** | [Q6/11-DOC1](https://extranet.itu.int/meetings/ITU-T/T22-SG11RGM/Q6-230306/SitePages/Welcome.aspx)*,* [Q6/11-DOC2](https://extrahttps:/extranet.itu.int/meetings/ITU-T/T22-SG11RGM/Q6-230306/SitePages/Welcome.aspx), [Q6/11-DOC3](https://extrahttps:/extranet.itu.int/meetings/ITU-T/T22-SG11RGM/Q6-230306/SitePages/Welcome.aspx), [Q6/11-DOC4](https://extranet.itu.int/meetings/ITU-T/T22-SG11RGM/Q6-230306/SitePages/Welcome.aspx), [Q6/11-DOC5](https://extranet.itu.int/meetings/ITU-T/T22-SG11RGM/Q6-230306/SitePages/Welcome.aspx) |

## 2.2 Emailing list subscription

E-mail correspondences pertaining to the activities of this group are routinely conducted using the e-mail reflector t22sg11q6@lists.itu.int. Those wishing to subscribe or unsubscribe to this or other SG11 email reflectors should visit the mailing list web page at:

https://www.itu.int/en/ITU-T/studygroups/2022-2024/11/Pages/ifa-structure.aspx

# 3 Results

## 3.1 Question 6/11 summary

During this meeting, Q6/11 received 5 input documents. Two of them are related to Q.IITSN, while three are related to Q.PMMC.

Q6/11 progressed the work in the following aspects.

* Agreed two inputs documents related to Q.IITSN and prepare the draft Recommendation for consent at the next meeting.
* Agreed the three input documents related to Q.PMMC.

## 3.2 Draft Recommendations for Approval

None.

## 3.3 Recommendations proposed for Consent in accordance with Rec. A.8.

None.

**3.4 Revised Recommendations**

None.

**3.5 New Recommendations**

None.

## 3.6 Other documents for Approval/Agreement

None.

## 3.7 New work items

None.

# 4 Discussions

## 4.1 Incoming Liaison Statements

None.

## 4.2 Outgoing liaison statements

None.

## 4.3 Discussion of input documents

|  |  |  |
| --- | --- | --- |
| **Input document** | **Title** | **Discussion** |
| [Q6/11-DOC1](https://extranet.itu.int/meetings/ITU-T/T22-SG11RGM/Q6-221017/SitePages/Welcome.aspx) | Proposal of updating the content of Q.IITSN | Accepted |
| [Q6/11-DOC2](https://extranet.itu.int/meetings/ITU-T/T22-SG11RGM/Q6-221017/SitePages/Welcome.aspx) | Q.PMMC: Proposal of updating the definition and overview of multi-modality communication | This input document was agreed with some modifications of the definition. |
| [Q6/11-DOC3](https://extranet.itu.int/meetings/ITU-T/T22-SG11RGM/Q6-221017/SitePages/Welcome.aspx) | Consent – Draft Recommendation ITU-T Q.IITSN Protocol for IMT-2020 network Integration with Time Sensitive Network | Accepted with the following modifications:  Add references in clause 2. |
| [Q6/11-DOC4](https://extranet.itu.int/meetings/ITU-T/T22-SG11RGM/Q6-221017/SitePages/Welcome.aspx) | Proposal for adding efficient packet integrated handling procedure and message format in Q.PMMC | Accepted with the following modifications:   * Editorial modification for PDU. |
| Q6/11-DOC5 | Proposal for adding multi-modality policy among multiple UEs procedure and message format in Q.PMMC | Accepted with the following modifications:   * Editorial modification. |

# 5 Work programme

The SG11 Work Programme can be found at: <http://itu.int/itu-t/workprog/wp_search.aspx?sg=11>

## 5.1 New/deleted work items

None.

## 5.2 Updated work programme

In accordance with the [WORK PROGRAMME DATABASE](https://www.itu.int/ITU-T/workprog/wp_search.aspx?isn_sp=3925&isn_sg=3930&isn_qu=4151&isn_status=-1,1,3,7&details=0&field=acdefghijo), the current work items for Q6/11 are as follows (the requested changes are shown in revision mode):

| **Q** | **WI** | **Title** | **Editors** | **Timing** | **Reference** |
| --- | --- | --- | --- | --- | --- |
| 6/11 | Q.IMT2020-PFW | Protocol Framework for IMT-2020 | Aleksey Borodin, Ruslan Kirichek, Maxim ROZHKOV | 2023-05 | [SG11-TD38/WP2](https://www.itu.int/md/T22-SG11-221207-TD-WP2/en) |
| 6/11 | Q.IITSN | Protocol for IMT-2020 network Integration with Time Sensitive Network | Tangqing Liu  Dan Wang  ~~Wei Kong~~  Dan Xu  Aipeng Guo  Ruslan KIRICHEK  Yongjing Li | 2023-05 | SG11-TD359/GEN |
| 6/11 | Q.PMMC | Protocol for traffic flow coordination of multi-modality communication | Tangqing Liu  Dan Xu  Aipeng Guo  Dan Wang  Xiaonan Shi | 2023-4Q | SG11-TD360/GEN |
| 6/11 | Q.DIVS-IMT2020 | Signalling Requirements and Protocol for Providing Network-oriented Data Integrity Verification Service based on Blockchain in IMT-2020 network | Miao Xue  Nanxiang Shi  Xiaoou Liu  Mengxuan Ren  Tangqing Liu | 2023-05 | [SG11-TD42/WP2](https://www.itu.int/md/T22-SG11-221207-TD-WP2/en) |
| 6/11 | Q.PCNC-FMSC | Protocol for supporting computing and network convergence in fixed, mobile and satellite convergence in IMT-2020 network and beyond | Tangqing Liu  Nanxiang Shi  Lu Lu | 2023-4Q | TD146/GEN |
| 6/11 | Q.PDN | Signalling and Protocol for distributed core network in future network | Tangqing Liu  Dan Xu  Aipeng Guo  Nanxiang Shi  Lu Lu | 2024-12 | [SG11-TD39/WP2](https://www.itu.int/md/T22-SG11-221207-TD-WP2/en) |
| 6/11 | Q.PEC | Signalling Requirements and Protocols for enhanced quality assured connections in IMT-2020 network and beyond | Feifei Wang  Nanxiang Shi  Huan Deng  Yaping Cao | 2024-12 | [SG11-TD36/WP2](https://www.itu.int/md/T22-SG11-221207-TD-WP2/en) |
| 6/11 | Q.SPMA | Signalling and protocol management for multiple access types in IMT-2020 network and beyond | Tangqing Liu  Dan Xu  Aipeng Guo  Nanxiang Shi  Lu Lu | 2024-12 | [SG11-TD41/WP2](https://www.itu.int/md/T22-SG11-221207-TD-WP2/en) |

*Note: The Q6/11 work programme will be updated once the report is agreed at the SG11 plenary in May 2023.*

# 6 Future meetings

## 6.1 Question meetings at the next SG11 meeting

Q6/11 is planning to meet again during the next ITU-T SG11 meeting (Geneva, 10-19 May 2023). The objectives of the next Q6/11 meeting are:

* Consent Q.IITSN, Q.DIVS-IMT2020 and Q.IMT2020-PFW.
* Progress other ongoing work items.
* Consider new work items.
* Other Q6/11 related issues.

Details will be posted on the ITU-T SG11 website: <http://itu.int/go/tsg11>.

## 6.2 Interim Rapporteur Group meetings

None.

# 7 Other business

None.

Annex A

**List of Input documents addressed to Q6/11**

| **DOC** | **Source** | **Title** |
| --- | --- | --- |
| Q6/11-DOC1 | China Telecom | Proposal of updating the content of Q.IITSN |
| Q6/11-DOC2 | China Telecom | Q.PMMC: Proposal of updating the definition and overview of multi-modality communication |
| Q6/11-DOC3 | China Mobile | Consent – Draft Recommendation ITU-T Q.IITSN Protocol for IMT-2020 network Integration with Time Sensitive Network |
| Q6/11-DOC4 | China Telecom | Proposal for adding efficient packet integrated handling procedure and message format in Q.PMMC |
| Q6/11-DOC5 | China Mobile | Proposal for adding multi-modality policy among multiple UEs procedure and message format in Q.PMMC |

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