



**Question(s):** 15/11

Geneva, 6-15 February 2017

**TD**

**Source:** Acting Rapporteur Q15/11

**Title:** Report for the Q15/11 meeting "Combating counterfeit and stolen ICT equipment"

**Purpose:** Report

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## 1 Introduction

The meeting of Question 15/11 was addressed in eight (8) sessions under the chairmanship of Mr. Kaoru Kenyoshi (NEC Corporation, Japan) and assisted by Mr. Denis Andreev, TSB Advisor. The group adopted the agenda in [TD85 \(GEN/11\)](#)

The objectives for this meeting were to:

- Discuss to approve the draft - Survey report on counterfeit ICT devices in Africa region
- Discuss a new proposed recommendation - Framework for combating the use of Stolen Mobile ICT Devices
- Update opened work items

### 1.1 IPR Call

No IPR statements were received at this meeting.

## 2 Documentation and email lists

### 2.1 Documentation

The list of contributions and temporary documents for the meeting is found in Annex A.

A list of documents provided by TSB is available in [TD4 \(GEN/11\)](#).

The following documents were examined:

<b>Contributions</b>	C1, C13, C36, C37, C38, C39, C40, C58, C60
<b>TDs</b>	TD22, TD57, TD65, TD68

### 2.2 Emailing list subscription

E-mail correspondences pertaining to the activities of this group are routinely conducted using the e-mail reflector [t13sg11q15@lists.itu.int](mailto:t13sg11q15@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/2017-2020/11/Pages/ifa-structure.aspx>

## 3 Results

### 3.1 Question 15/11 summary

Q15/11 discussed the following items based on the input contributions

- To propose draft TR - survey report on counterfeit ICT devices in Africa region for approval in SG11
- To create a new draft Recommendation - Framework for Combating the use of Stolen Mobile ICT Devices
- To create implementation plans for WTSA-16 Resolution 96 and 97
- To update the work items - Q.FW\_CCF and TR-CF\_BP

### 3.2 Draft Recommendations for Approval

None

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

None

### 3.4 Other documents for Approval/Agreement

The Following documents are proposed for Approval

Description	Documents	Question
Survey report on counterfeit ICT devices in Africa region	<a href="#">TD 1199 Rev.1 (GEN/11)</a>	Q15/11

### 3.5 New work items

Question 15/11 agreed to start the work item below.

WI	Title	Editor	Approval	Time Consent / Approval	Reference	Question
Q.FW_CSM	Framework for Combating the use of Stolen Mobile ICT Devices	João Alexandre Zanon	AAP	2018-4Q	<a href="#">TD165</a>	Q15/11

A.1 justification for proposed draft new Recommendation Q.FW\_CSM is attached in Annex B.

## 4 Discussions

### 4.1 Technical reports for approval

#### 4.1.1 C13 Proposal to approve a draft Survey report on counterfeit ICT devices in Africa region – Ghana

##### DISCUSSION

C13 (Ghana) proposes the survey report on counterfeit ICT devices in Africa region for SG11 approval.

##### CONCLUSION

This proposal was accepted and agreed to propose to ask approval as a new Technical Report in SG11 meeting. The final baseline text can be found in [TD 1199 Rev.1 \(GEN/11\)](#).

### 4.2 New work items

#### 4.2.1 C38- Proposed new recommendation – Framework for combating the use of Stolen Mobile ICT Devices - Brazil

##### DISCUSSION

C38 (Brazil) proposes to start a new work item that aims to describe a reference framework with requirements that should be considered when deploying solutions to combat the use of stolen ICT mobile devices. This proposal is based on the clear directions given by WTSA Resolution 97 (Hammamet, 2016) on this important work to be coordinated by SG 11 in the next study period. This contribution includes A.1 justification in Annex I and the base text for the new proposed recommendation in Annex II.

##### CONCLUSION

After the discussions for clarifications, this proposal was accepted and agreed to start a new work item ITU-T Q.FW\_CSM" Framework for Combating the use of Stolen Mobile ICT Devices". Uganda expressed their support and joined the support member of this new work item. A1 justification is attached in Annex B to this report and initial base text can be found in [TD165 \(GEN/11\)](#).

### **4.3 Implementation plans for WTSA Resolutions**

#### **4.3.1 C36- Proposed Plan for implementation of WTSA Resolution 96 (Hammamet, 2016) - Brazil**

##### **DISCUSSION**

C36 (Brazil) proposes the Plan for implementation of WTSA Resolution 96 "ITU Telecommunication Standardization Sector studies for combating counterfeit telecommunication/information and communication technology devices" (Hammamet, 2016) based on the clear directions given by WTSA on this important work to be coordinated by SG 11 in the next study period. Proposed plan for implementation aims identifying the operative provisions, what would be the deliverables, who would be responsible for developing them and reasonable deadlines for all the works.

The United Kingdom expressed their opposition to this proposal and did not agree to create an implementation plan for WTSA Resolution 96 because 8 countries including The United Kingdom objected to this Resolution and did not recognized it in the WTSA-16. The United States and Canada assisted UK with the same reason.

The meeting asked comments and the status of WTSA-16 Resolution 96 to the ITU legal advisor and legal advisor confirmed that "*WTSA-16 Resolution 96 was legally adopted by consensus at the fifth plenary of the Assembly and that Resolution 96 of WTSA-16 is currently in force*".

Having this situation, the rapporteur of Q15/11 affirmed that Q15/11 would study the issues on combating counterfeit ICT devices with its mandate and responsibility which was defined in WTSA-16 Resolution 2. This study should be based on and enforced by WTSA-16 Resolution 96.

##### **CONCLUSION**

After the intensive discussions including clarification of legal aspects of WTSA-16 Resolution 96, this proposal was accepted and agreed to create the Plan for Implementation of WTSA Resolution 96. The proposed implementation plan is attached in Annex C to this report.

The UK notes "Contribution 36 entitled 'Proposed Plan for implementation of WTSA-16 Resolution 96 (Hammamet, 2016)'. The UK was one of several Member States that placed a reservation on this draft new resolution at WTSA-16. We do not recognise this resolution and we do not recognise that a valid decision was taken by the WTSA-16 with regard to it. We note that Study Group 11 is now proposing work to implement this resolution in accordance with the proposals in Contribution 36. We strongly object to this and we reserve the right to comment on the work items and raise concerns in the future as necessary." The United States and Canada join UK.

#### **4.3.2 C37 Proposed Plan for implementation of WTSA Resolution 97 (Hammamet, 2016) - Brazil**

##### **DISCUSSION**

C37 (Brazil) proposes the Plan for implementation of WTSA Resolution 97 "Combating mobile telecommunication device theft" (Hammamet, 2016) based on the clear directions given by WTSA on this important work to be coordinated by SG 11 in the next study period. Proposed plan for implementation aims identifying the operative provisions, what would be the deliverables, who would be responsible for developing them and reasonable deadlines for all the works.

##### **CONCLUSION**

After the discussions and clarifications, this proposal was accepted and agreed to create the Plan for Implementation of WTSA Resolution 97. The proposed implementation plan is attached in Annex D to this report.

#### **4.4 Revisions of Draft Recommendation and Technical Report**

##### **4.4.1 C39 TR-CF\_BP - Update on Brazilian Initiatives on the combat of Counterfeit Mobile ICT Devices - Brazil**

###### **DISCUSSION**

C39 (Brazil) proposes to include the texts to the draft TR-CF\_BP – ITU-T Technical Report – “Guidelines on Best Practice and Solutions for Combating Counterfeit ICT Devices”. This contribution includes the proposed text which is the Brazilian Initiatives on the combat of Counterfeit Mobile Terminal in the Annex to this contribution.

###### **CONCLUSION**

After the discussions and clarifications, this proposal was accepted and agreed to add the proposed text to the draft TR-CF\_BP. The revised draft TR-CF\_BP can be found in [TD166 \(GEN/11\)](#).

##### **4.4.2 C40 Q.FW\_CCF - Update considering the WTSA Resolution 96 (Hammamet, 2016) - Brazil**

###### **DISCUSSION**

C40 (Brazil) proposes to include the texts to the draft Q.FW\_CCF - Update considering the WTSA Resolution 96 (Hammamet, 2016). This contribution proposes to revise it to reflect the provision and terms used on the WTSA Resolution 96 (Hammamet, 2016), as the definition of Counterfeit, tampered devices and reliable unique identifiers, the close relation between the counterfeit of telecommunication/ICT device and tampering, and the requirements such as unique identifiers and actions to identify cloned devices. This contribution includes the proposed terms of definitions for Counterfeit Telecommunication/ICT Device and Tampered ICT Devices in the Annex to this contribution.

###### **CONCLUSION**

After the discussions and clarifications, this proposal was accepted and agreed to add the proposed text to the draft Q.FW\_CCF. The revised draft Q.FW\_CCF can be found in [TD152 \(GEN/11\)](#).

##### **4.4.3 C60 Proposed additions to draft recommendation Q.FW\_CCF - The United Kingdom**

###### **DISCUSSION**

C60 (UK) proposes modifications to the draft ITU-T Q.FW\_CCF “Framework for solution to combat counterfeit ICT Devices” and is based on the output from July 2016: TD 1337. This contribution includes additions, modifications, deletions and comments for clarifications.

###### **CONCLUSION**

This proposal was agreed to be reviewed in the drafting session. Editor of Q.FW\_CCF would prepare the revised draft text with this contribution and reviewed section by section in the drafting session.

#### **4.5 Incoming liaison statements**

##### **4.5.1 TD22 LS/i on new work item on Combating Counterfeit – SG20**

###### **DISCUSSION**

TD22 (SG20) informed SG11 that Q4/20 had initiated a new work item at the ITU-T SG20 meeting in Geneva, 25 July-5 August 2016, related to combating counterfeiting as follows:

- Draft Recommendation ITU-T Y.IoT-DA-Counterfeit, *Information Management Digital Architecture to combat counterfeiting in IoT* ([TD571](#))

## **CONCLUSION**

This incoming liaison statement was noted.

## **4.6 Other Documents**

### **4.6.1 C1 Title, mandate, lead roles, points of guidance and Questions for ITU-T Study Group 11 in the study period 2017-2020 – WTSA-16**

#### **DISCUSSION**

C1 (WTSA) contains the title, mandate, lead roles, and points of guidance defined in WTSA-16 Resolution 2, as well as the Questions assigned to ITU-T Study Group 11 by WTSA-16 (Hammamet) for the study period 2017-2020.

#### **CONCLUSION**

This contribution was noted.

### **4.6.2 C58 Implementing Resolution 44 (Hammamet, 2016) - bridging the standardization gap between developing and developed countries – United States of America**

#### **DISCUSSION**

C58 (US) proposes that Study Group 11 encourage contributions to identify those Recommendations for which application guidelines should be developed and instruct the relevant Editors and Rapporteurs to develop the appropriate guidelines for the use of the Director in implementing this section of Resolution 44.

#### **CONCLUSION**

This contribution was discussed in the opening plenary of SG11. There were no request to discuss this document in Q.15/11 and it was noted.

### **4.6.3 TD57 Joint OECD/ITU report "Trade in counterfeit ICT goods - a case study" - TSB**

#### **DISCUSSION**

TD57 (TSB) contains Case Study which was produced by jointly ITU and OECD. This document aims to improve the factual understanding of the phenomenon, and may be used by stakeholders as a basis to formulate evidence-based policy messages. The Case Study primarily exploits a rich and detailed database on counterfeit seizures collected by the OECD in the context of their 2016 Study on "Trade in Counterfeit and Pirated Goods – Mapping the Economic Impact" (TD1194 GEN/11).

#### **CONCLUSION**

This document was briefly introduced in the meeting. The chair of Q.15/11 asked all delegates to provide comments on this document and send them to TSB.

### **4.6.4 TD65 Strategic plan of ITU-T Q15/11 for Study Period 2017-2020 - Rapporteur Q15/11**

#### **DISCUSSION**

TD65 (Rapporteur Q15/11) contains On-going work from the last study period Q8/11, New directions to Q15/11 from WTSA-16, Key topics to be addressed and Strategic plan for Study Period (2017-2020).

## CONCLUSION

This document was introduced in the opening plenary of SG11. There were no request to open this document in Q.15/11 and it was recognized that this document was useful guidance for the future direction of Q.15/11.

### 4.6.5 TD68 Highlights of WTSA-16 results relevant to SG11 - TSB

## DISCUSSION

TD68 (TSB) contains highlights of WTSA-16 Resolutions and summary of the modifications in ITU-T A-series Recommendations.

## CONCLUSION

This document was briefly introduced in the meeting and it was recognized that this document was useful information to understand the outcomes of WTSA-16.

## 5 Outgoing liaison statements

The following LSs were prepared by Question 15:

#	Document	Questions	WP	To	For	Title
1	<a href="#">TD167</a>	Q15/11	WP3	SG2, SG3, SG5, SG17, SG20	Action	ITU-T SG11 work on the combat of counterfeit ICT devices and mobile device theft

## 6 Work programme

The SG11 Work Programme can be found at: [http://itu.int/itu-t/workprog/wp\\_search.aspx?sg=11](http://itu.int/itu-t/workprog/wp_search.aspx?sg=11)

### 6.1 New work items

Question 15 agreed to start work on the work item below.

- ITU-T Q.FW\_CSM" Framework for Combating the use of Stolen Mobile ICT Devices"

### 6.2 Updated work programme

In accordance with the [WORK PROGRAMME DATABASE](#), the current work items for Q15/11 are as follows (the requested changes are shown in revision mode):

WI	Title	Editor	Approval	Time Consent / Approval	Reference	Question
Q.FW_CCF	Framework for solution to combat counterfeit ICT Devices	Isaac Boateng, João Alexandre Moncaio Zanon	TAP	2018-Q1	<a href="#">TD152 (GEN/11)</a>	Q15/11
TR-CF_BP	Technical Report - Guidelines on Best Practice and Solutions for Combating Counterfeit ICT Devices	João Alexandre Moncaio Zanon	Agreement	2018-Q4	<a href="#">TD166</a>	Q15/11
TR-Uni_Id	Technical Report on use of anti-counterfeiting technical solutions relying on unique and persistent mobile device identifiers”.	Dmytro Protsenko, João Alexandre Moncaio Zanon	Agreement	2018-1Q	<a href="#">TD 1230 Rev.1</a>	Q15/11
SR-AFR	Revised survey report on counterfeit ICT devices in Africa region	Isaac Boateng, Kofi Ntim Yeboah-Kordieh	Agreement	2017-02	<a href="#">TD 1199</a>	Q15/11
Q.FW_CSM"	Framework for Combating the use of Stolen Mobile ICT Devices"	João Alexandre Zanon	AAP	2018-4Q	<a href="#">TD165</a>	Q15/11

## 7 Future meetings

### 7.1 Question meetings

Q15/11 will meet again during the next SG11 meeting in Geneva, Switzerland, *8-17 November 2017*. Q15/11 may require (12) sessions. Annex E highlights proposals for Q15/11 sessions during next SG11 meeting.

The objectives of the next Q15/11 meeting are:

- Discussion based on the input contributions.
- Consider new WIs
- Progress on the open work items for Q15/11

Details will be posted on the ITU-T SG11 website: <http://www.itu.int/ITU-T/go/sg11>.

## **7.2 Rapporteur interim meetings**

No interim rapporteur meeting is planned.

## **7.3 Workshop**

Q15/11 proposes to organize a workshop on combating counterfeit ICT device and mobile device theft during the next SG11 meeting in November. The details of the workshop will be announced by TSB.

## **8 AOB**

None

## Annex A: List of documents addressed to Q15/11

### Contributions

No.	Source	Title
<a href="#">C1</a>	WTSA-16	Title, mandate, lead roles, points of guidance and Questions for ITU-T Study Group 11 in the study period 2017-2020
<a href="#">C13</a>	Ghana	Proposal to approve a draft Survey report on counterfeit ICT devices in Africa region
<a href="#">C36</a>	Agência Nacional de Telecomunicações - ANATEL , Brazil	Proposed Plan for implementation of WTSA Resolution 96 (Hammamet, 2016)
<a href="#">C37</a>	Agência Nacional de Telecomunicações - ANATEL , Brazil	Proposed Plan for implementation of WTSA Resolution 97 (Hammamet, 2016)
<a href="#">C38</a>	Agência Nacional de Telecomunicações - ANATEL , Brazil	Proposed new recommendation – Framework for combating the use of Stolen Mobile ICT Devices.
<a href="#">C39</a>	Agência Nacional de Telecomunicações - ANATEL , Brazil	TR-CF_BP - Update on Brazilian Initiatives on the combat of Counterfeit Mobile ICT Devices
<a href="#">C40</a>	Agência Nacional de Telecomunicações - ANATEL , Brazil	Q.FW_CCF - Update considering the WTSA Resolution 96 (Hammamet, 2016)
<a href="#">C58</a>	United States of America	Implementing Resolution 44 (Hammamet, 2016) - bridging the standardization gap between developing and developed countries
<a href="#">C60</a>	Department for Culture, Media and Sport (DCMS) , United Kingdom	Proposed additions to draft recommendation Q.FW_CCF

### Temporary documents

No.	Source	Title
<a href="#">TD22</a>	SG20	LS/i on new work item on Combating Counterfeit [from ITU-T SG20]
<a href="#">TD57</a>	TSB	Joint OECD/ITU report "Trade in counterfeit ICT goods - a case study"
<a href="#">TD65</a>	Rapporteur Q15/11	Strategic plan of ITU-T Q15/11 for Study Period 2017-2020
<a href="#">TD68</a>	TSB	Highlights of WTSA-16 results relevant to SG11

## Annex B:

### A.1 justification for proposed draft new Recommendation Q.FW\_CSM

<b>Question:</b>	15/11	<b>Proposed new ITU-T Recommendation</b>	Geneva, 6-15 February 2017
<b>Reference and title:</b>	ITU-T Q.FW_CSM" Framework for Combating the use of Stolen Mobile ICT Devices"		
<b>Base text:</b>	<a href="#">TD165</a>	<b>Timing:</b>	2018-11
<b>Editor(s):</b>	João Alexandre Zanon National Telecommunications Agency Brazil	<b>Approval process:</b>	AAP
<b>Scope:</b> This Recommendation contains the reference framework with requirements that should be considered when deploying solutions to combat the use of stolen mobile ICT devices.			
<b>Summary:</b> With the increase of the functionalities available on mobile ICT equipment, the importance and usage of these devices in people's daily lives has been growing in recent years. As a side effect, we also observe the raise, in various countries, of actions aimed to steal these devices and generate profit, not only by selling the equipment itself but also by illegally using the information contained on it. As a response, initiatives are needed to deter the use of stolen mobile ICT equipment and protect the consumer data stored on these devices to be illegally used. Besides, since it's common to have devices stolen in a country, that have deployed solutions to mitigate the use of stole devices, sold on other countries or even regions, it's critical to the success of such initiatives to have coordination and information sharing between the government and operators that aims to combat the use of stolen mobile ICT devices. It's important to notice that since most solutions deployed today to deter the problem relies on unique identifiers lists, a common action taken by the traffickers to bypass these actions is to tamper the device and alter its unique identifier, sometimes choosing an identifier already in use by a regular device, to allow the equipment to return to the market. In response of this scenario, many countries around the world are engaged not only in combating Stolen Mobile ICT devices, but also in preventing the devices with tainted/tampered unique identifiers from returning to the network, while some governments in other countries are challenged and unclear on the best strategies to adopt, mainly due to a lack of knowledge or expertise to understand the issue and to make informed choices to deploy a solution, tailored for their country that could be effective. In this sense, requirements are necessary to address this challenge, as indicated on the WTSR Resolution 97 (Hammamet, 2016). For all the above, the present recommendation proposes a framework composed by requirements and a broad range of measures that can be taken and applied to combat the use of stolen mobile ICT devices.			
<b>Relations to ITU-T Recommendations or to other standards (approved or under development):</b> X.msec-9, Q.FW_CF			
<b>Liaisons with other study groups or with other standards bodies:</b> SG2, SG17, SG20, CITEL, RCC, ATU, 3GPP.			
<b>Supporting members that are committing to contributing actively to the work item:</b> Brazil, Uganda, Colombia			

## Annex C: Plan for Implementation of WTSA Resolution 96 (Hammamet, 2016)

ID		Major Objectives	Activities	Responsibilities	Time Plan	Status (Jan/2017)
Level 1	Level 2					
1	1.1	<b>Promote participation and awareness of all stakeholders, including regulators, operators and suppliers, on the activities related to the combat of counterfeit and tampered telecommunication/ICT devices</b>	Conduct outreach activities	SG11/TSB	continued	Actions needed
	1.3		Liaise with membership and relevant organization to participate on the work	SG11/TSB	continued	Actions needed
	1.4		Produce publication/advertisement material on ITU activities	TSB/BDT	continued	Actions needed
	1.5		Other activities to promote a raise the awareness on the topic	TSB/BDT	continued	Actions needed
2	2.1	<b>Coordinate the actions and collect information, within and outside ITU</b>	Requesting information on current activities	SG11/TSB	continued	Feb. 2017 - On demand
	2.2		Coordinate the initiatives with other ITU SGs	SG11/TSB	continued	Feb. 2017 - On demand
	2.3		Study possible solutions, including frameworks to discover identity management information	SG11/TSB	2017-2020	Actions needed
	2.4		Study unique identifiers, including in the context of their possible duplication/cloning;	SG11, SG2, SG20	2017-2020	Actions needed
	2.5		Identify a list of technologies/products, used for testing conformance with ITU-T Recommendations	SG11	2017-2020	Actions needed
	2.6		Other relevant activites on the cordenation of collection of information	SG11/TSB	2017-2020	On demand

3	3.1	Develop Recommendations, technical reports and guidelines to address the problem of combating counterfeit and tampered telecommunication/ICT devices	Provide general Framework to Adress the use of counterfeit and tampered telecommunication/ICT devices	SG11	2017-2018	Q.FW_CCF
	3.2		Technical Report on current best practices and chalanges.	SG11	2017-2018	TR-CF_BP, TR-Uni_Id
	3.3		Provide Recommendation to Specific Scenarios (ex. IoT and Mobile Devices)	SG11, SG20	2017-2020	IoT workiten started on SG20; Mobile Devices to be started on SG11
	3.4		Develop methods of assessing and verifying identifiers used for purposes of combating counterfeit production	SG11	2017-2020	Actions needed
	3.5		Deliver solutions, including frameworks to discover identity management information	SG11	2017-2020	Actions needed
	3.6		Develop mechanisms for identifying products unique identifiers that are resistant to duplication and respond to confidentiality/security requirements;	SG11	2017-2020	Actions needed
	3.7		Other relevand deliverables regarding the topic	SG11	2017-2020	Actions needed
	4		4.1	Assist ITU members implement the deliverables and combat counterfeit and tampered telecommunication/ICT devices	Training material	TSB/BDT
4.2		Publication material	TSB/BDT		2018-2020	On demand
4.3		Identify capacity-building opportunities	TSB/BDT		2017-2020	Actions needed

	4.4	Other activities to assist members on the combat of mobile device theft	TSB/BDT	2017-2020	Actions needed
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### Annex D: Plan for Implementation of WTSA Resolution 97 (Hammamet, 2016)

ID		Major Objectives	Activities	Responsibilities	Time Plan	Status (Jan/2017)
Level 1	Level 2					
1	1.1	<b>Promote participation and awareness of all stakeholders, including regulators, operators and suppliers, in the activities to combat the use of stolen mobile ICT devices</b>	Conduct outreach activities	SG11/TSB	continued	Actions needed
	1.2		Conduct a workshop on the topic	SG11/TSB	nov/17	Actions needed
	1.3		Liaise with membership and relevant organization to participate on the work	SG11/TSB	continued	Actions needed
	1.4		Produce publication/advertisement material on ITU activities	TSB/BDT	continued	Actions needed
	1.5		Other activities to promote a raise the awareness on the topic	TSB/BDT	continued	Actions needed
2	2.1	<b>Coordinate the actions and collect information, within and outside ITU</b>	Requesting information on current activities	SG11	continued	Feb. 2017 - On demand
	2.2		Coordenate the initiatives with other ITU SGs	SG11/TSB	continued	Feb. 2017 - On demand
	2.3		Study possible technologies for combating mobile telecommunication device theft;	SG11/SG17	2017-2020	Contribution to create the new workiten submitted to SG11 meeting
	2.4		draw up a list of identifiers used in mobile telecommunication/ICT device,	SG11/SG2	2017-2018	Actions needed

	2.5		Other relevant activities on the coordination of collection of information	SG11/TSB	continued	On demand
3	3.1	<b>Develop Recommendations, technical reports and guidelines to address the problem of mobile telecommunication device theft and its negative effects</b>	Provide general Framework to Address the use of stolen mobile devices	SG11	2017-2018	Contribution to create the new workitem submitted to SG11 meeting
	3.2		Address the problem of duplication of unique identifiers	SG11/SG17	2018-2020	Actions needed
	3.3		Address the use of stolen mobile telecommunication devices with tampered identities	SG11/SG17	2018-2020	Actions needed
	3.4		Technical Report on best practices and challenges.	SG11	2019-2020	Actions needed
	3.5		Other relevant deliverables regarding the topic	SG11/SG17	2017-2020	Actions needed
4	4.1	<b>Assist ITU members implement the deliverables and combat the use of stolen devices.</b>	Training material	TSB/BDT	2018-2020	On demand
	4.2		Publication material	TSB/BDT	2018-2020	On demand
	4.3		Identify capacity-building opportunities	TSB/BDT	2017-2020	Actions needed
	4.4		Other activities to assist members on the combat of mobile device theft	TSB/BDT	2017-2020	Actions needed



**Annex F: List of participants**

<b>Name</b>	<b>Organization</b>	<b>Country</b>
KENYOSHI Kaoru	NEC Corporation	Japan
D'UVA Sergio	ENACOM	Argentine Republic
DE ASPIAZU Solana	ENACOM	Argentine Republic
KHOA Nguyen Van	VNTA	Viet Nam
MCFADDEN Mark	DCMS	United Kingdom
HUMEAN Marie	UK Mission	United Kingdom
LAZANSKI Dominique	GSMA Association	United Kingdom
ZICHY Franz	U.S. Department of State	United States of America
HONG Kyung-Yeop	United States of America	United States of America
DICKINSON Samantha	DOCA	Australia
SALUM Imelda	TCRA	Tanzania
MULAH Awad	NTC	Sudan
DEDEHOUANOU Amon	MEMC	Benin
KYEYUNE Helen	UCC-Uganda	Uganda
KIRICHEK Ruslan	SPbSUT	Russian Federation
KUCHERYAVY Andrey	SPbSUT	Russian Federation
PLAKHOV Vadim	ZNIIS	Russian Federation
RIEIAM Sarian	NIIR	Russian Federation
POLIDORI Stefano	TSB	ITU
ANDREEV Denis	TSB	ITU
ALEXANDRA Zanon Joao	NTA	Brazil
ALMANEA Moath Manea A	CITC	Saudi Arabia
ARYAL Min Prasad	NTA	Nepal
ROMERO Hugo	Comisión de Regulación de Comunicaciones.	Colombia
POLIDORI Stefano	TSB	ITU
ANDREEV Denis	TSB	ITU
Antoine Dore	Legal advisor	ITU