OVERVIEW OF ACTIVITIES ON COMBATING COUNTERFEIT & STRATEGIC PLAN FOR SG11 RG-AFR

Chairman SG11 RG-AFR

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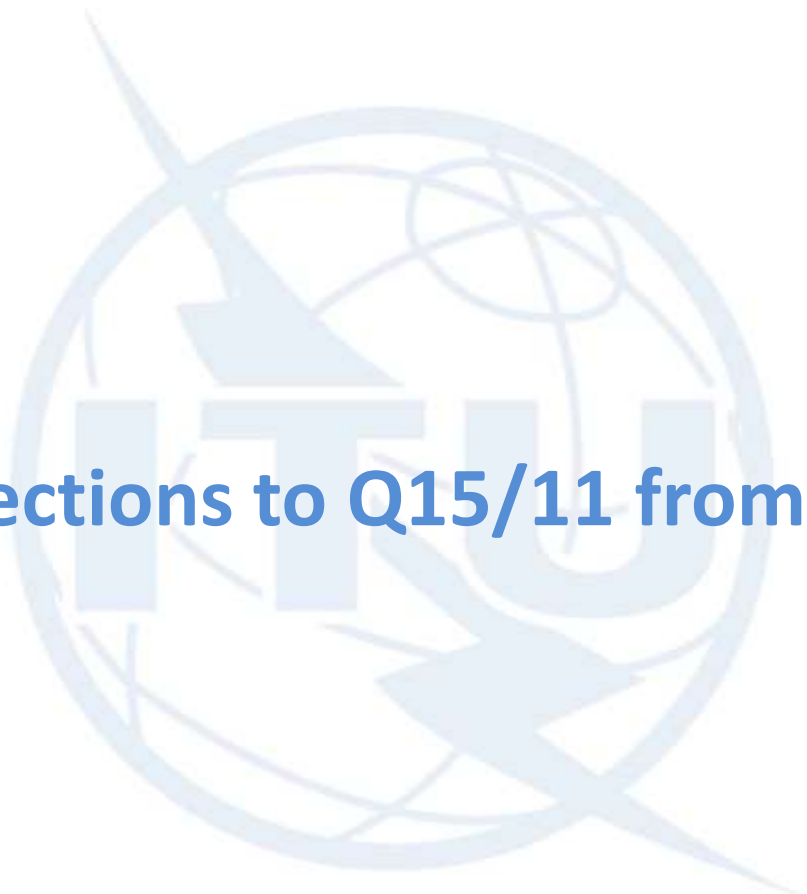# Updates on the activities of Q8/11 now Q15/11

Concluded & Ongoing work

- **QTR-CICT : Survey report on "Counterfeit ICT devices in Africa region" published in Feb 2017**

- **TR-Counterfeit: Technical Report on "Counterfeit ICT equipment" published in Dec 2015**

- **Q.FW_CCF: Framework for solution to combat counterfeit ICT Devices**

- **TR-CF_BP: Technical Report - Guidelines on Best Practice and Solutions for Combating Counterfeit ICT Devices**

- **TR-Uni_Id: Technical Report on use of anti-counterfeiting technical solutions relying on unique and persistent mobile device identifiers**

Outcomes of SG11 (Feb 2017) Meeting on Counterfeit

- SG11 approved the survey report on counterfeit ICT devices in Africa region, **TD 1199 Rev.1 (GEN/11).** This report has been published as a Technical Report.

- **SG11 started a new work item ITU-T Q.FW_CSM" Framework for combating the use of Stolen Mobile ICT Devices".**

- **One draft Recommendation currently being developed**

  - **Q.FW_CCF: Framework for solution to combat counterfeit ICT Device**

- **Two draft technical reports have been revised:**

  - **TR-CF_BP: Technical Report - Guidelines on Best Practice and Solutions for Combating Counterfeit ICT**

  - **TR-Uni_Id: Technical Report on use of anti-counterfeiting technical solutions relying on unique and persistent mobile device identifiers**

- **SG11 also created a plan for Implementation of WTSA-16 Resolution 96 and Resolution 97.** More details are available in the WP3/11 report, TD 118 Rev.1 (GEN/11).

New directions to Q15/11 from WTSA-16

Resolution 2 of WTSA-16 – SGs responsibility and mandates

ITU-T SG11 Lead study group on combating counterfeiting and the use of stolen ICT devices

AREAS OF STUDY OF ITU-T SG11: studies to **combat counterfeiting products** including telecommunication/ICT and **mobile device theft**

Q15/11 Questions:

- What technical reports are needed to raise awareness of the problem of counterfeiting of ICT equipment and the dangers they pose?

- Can Conformity and interoperability testing and assessment schemes be used to combat counterfeit ICT equipment?

- What technologies may be used as a tool for combating counterfeit, tampered and stolen ICT equipment?

- What identity management frameworks are appropriate to combat counterfeit and stolen ICT equipment with their identity modified?

- What kind of Recommendations, technical reports and guidelines should be developed to combat ICT counterfeiting, tampering, modification and/or duplication of unique device identifiers?

- What kind of Recommendations, frameworks, technical reports and guidelines should be developed to assist ITU Members, in cooperation with ITU-D Sector, on combating counterfeit and mitigate the use of stolen ICT equipment?

- What ITU Recommendations are required to secure the supply chain management (from manufacturing, importation, distribution and marketing) to ensure traceability, security, privacy and trust of people, products and networks?

Resolution 2 of WTSA-16 – SGs responsibility and mandates

ITU-T SG11 Lead study group on combating counterfeiting and the use of stolen ICT devices

AREAS OF STUDY OF ITU-T SG11: studies to **combat counterfeiting products** including telecommunication/ICT and **mobile device theft**

Q15/11 Task:

- Develop Recommendations, technical reports and guidelines to assist ITU Members, in cooperation with ITU-D Sector, on combating counterfeit ICT equipment

- Develop Recommendations, technical reports and guidelines to address the problem of stolen ICT equipment and to assist the Member States, in cooperation with ITU-D Sector, in deploying solutions to and mitigate the use of stolen equipment

- Study any possible solutions, including identity management frameworks, to combat counterfeit and stolen ICT equipment with their identities modified

- Study any technologies that can be used as a tool for combating counterfeit and tampered ICT equipment

- Organize workshops and events across ITU regions in cooperation with the ITU-D Sector to promote the work of ITU-T in this field and involve stakeholders

- Study possible conformity and interoperability testing (C&I) solutions to combat counterfeiting of ICT equipment, taking into account the activities of the ITU-T CASC

- Study results achieved by various international standardization bodies and develop technical specifications to feed the standardization work of the Question

Resolution 96 of WTSA-16 - Combating counterfeit ICT devices

Instructs ITU-T Study Groups 11, within their mandate:

- Developing Recommendations, technical reports and guidelines to address the problem of counterfeit and tampered ICT equipment
- Collect, analyze and exchange information about counterfeiting and tampering practices
- Study existing as well as new reliable, unique, persistent and secure identifiers that have the potential to be used in combating counterfeit and tampered products, including the context of their possible duplication/cloning
- Develop methods of assessing and verifying identifiers used for purposes of combating counterfeit production
- Develop mechanisms as appropriate for identifying products, unique identifiers that are resistant to duplication and respond to confidentiality/security requirements
- Study possible solutions, including frameworks to discover identity management information, that could support combating of counterfeit and tampered ICT devices
- Identify a list of technologies/products, used for testing conformance with ITU-T Recommendations, in order to help in efforts to combat counterfeit ICT production

Resolution 97 of WTSA-16 - Combat mobile device theft

Instructs ITU-T Study Groups 11, within their mandate:

- Develop Recommendations, technical reports and guidelines to address the problem of mobile telecommunication device theft and its negative effects

- Study any possible solutions to combat the use of stolen mobile telecommunication devices with tampered (changed without authorization) identities and to prevent them from accessing the mobile network

- Study any technologies that can be used as a tool for combating mobile telecommunication device theft

- Draw up a list of identifiers used in mobile telecommunication/ICT device

Strategic Plan & Roadmap (2017-2020)

Strategic plan - Study Period (2017-2020)

Proposed Strategic plan to fulfill our objectives:

- Division of the work in four major blocks:

    1. Participation and awareness creation;

    2. Coordinate and support for members;

    3. Produce deliverable, such as Technical Reports and Recommendation;

    4. Request ITU (both ITU-T & ITU-D) & other Donor Agencies support;

Strategic plan for Study Period (2017-2020)

Major Objectives		Activities	Responsabilities
Level			
1	Promote participation and awareness of all stakeholders, including regulators, operators and suppliers, on the activities related to combating counterfeit, C&I telecommunication/ICT devices	Share the survey report with members for improvement where possible	SG11RG-AFR/ATU
		Invite relevant organization (ATU, WATRA, EACO, SADC) to participate and contribute to the work	SG11RG-AFR/ATU
		Produce publication/deliverables material on our ITU website	SG11RG-AFR/ ITU
		Parcipate in other regional group activities as part of awareness	SG11RG-AFR
2	Coordinate & support member states activities	Exchange information on current activities	ITU-T SG11, ITU-D SG1&2 & SG11RG-AFR
		Support members states in combating counterfeit and C&I programmes	ITU-T SG11, ITU-D SG1&2 &RG-AFR
		Identify regional priorities (eg. regulatory framework) related to (C&I) testing as well as combating counterfeiting of ICT equipment	SG11RG-AFR
		Identify a list of technologies/products, used for testing conformance with ITU-T Recommendations	SG11RG-AFR
		Promote the recognition and/or development of C&I testing labs and centres in Africa. Adopt national initiatives relevant for MRA	SG11RG-ATU/WATRA/EACO/SADC

Strategic plan for Study Period (2017-2020)

Major Objectives		Activities	Responsabilities
3	**Develop Recommendations, technical reports and guidelines to address the problem of counterfeit, C&I of ICT devices**	Collaboration between CASC and national certification bodies;	CASC/SG11 RG-AFR
		Support regional contributions on combating counterfeiting and C&I based on inputs provided by different stakeholders, e.g. customs, vendors, regulators, certification bodies, testing laboratories	SG11RG-AFR
		Invite members to participate in ITU-T Conformity Assessment Steering Committee (ITU-T CASC) meetings, recommending possible regional approaches which may become candidate of the new joint IEC/ITU certification scheme	SG11RG-AFR
		Send contributions to advance current ongoing work in SG11(eg. Survey report could be an input to SG11 work)	SG11RG-AFR/SG11
		Identify ITU-T Recs. candidates for new certification schemes. Identify and Prepare Implementers Guides from some ITU-T Recommendation	SG11 RG-AFR
4	**Request ITU (both ITU-T & ITU-D) & other Donor Agencies support for implementation pillars 3 & 4**	Request ITU & other Donors to assist in capacity building through workshops and training	SG11 RG-AFR/ATU/ITU/Donors
		Request ITU & other Donors to provide funding for capacity buliding and training	SG11 RG-AFR/ATU/ITU/Donors
		Identify and implement training plans on current ITU-T SG11 standardization areas List training events on C&I needed for the region	SG11RG-AFR/ ITU
		Identify test centres in the region as centre of excellence for training and capacity buliding	SG11RG-AFR/ITU

Thank you for your attention!

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