# Telecoms Security Standards

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#### A word of thanks

- Active engagement from many many many stakeholders (technical and security, practical and policy, informal consultations)
- {TESS+} Core Project team (Salma, Michael, Alf, Sami, Moaied, Lasse)
- {TESS+} Coordinating Agency (WFP)
- {TESS+} Interagency Steering Group, IASMN TAG, different working groups
- Apologies, as we are a pain ("no omelettes without breaking eggs")
- We commit to our core values: transparency, collaboration, inclusion, focused on outputs
- That is why we organise regular public update sessions

#### An update...

- {TESS+} Service Charter
- Phase-out of HF radio as a SCS tool
- New SCS chapter in the UN Security Management Operations Manual (SMOM)
- Planned deliverables for next 6 months
- Upcoming VHF training modules and manuals
- {TESS+} online repositories (UNSMIN and Public Repository)

### Part 1: {TESS+} Service Charter

- = Key document (Why, What, How)
- What is different?
- Key services: (no more "Project streams")
  - Normative services
    - Standards design, standards documentation, assessments & monitoring
  - Field support services
    - Standards implementation support, on-demand support
  - Operational process support
    - Coordinate all global and field-level services
- We continue with 3 Service Layers (connectivity, applications, procedures)

## Part 1: {TESS+} Service Charter (continued)

- Training/manuals become a key service (technical parts AND procedures)
- SCS status monitoring and reporting become a key service
- 6 months' review cycle (IASMN):
  - To ensure a collaborative and inclusive process...
  - Last 6 months deliverables and budget consumption
  - Planned next 6 months deliverables and budget needs
- Services for NGOs:
  - Normative: allow to piggy-back on procedures and technical work
  - In the field: dependent on the local agreements

#### Part 2: Phase-out of HF radio as standard SCS tool

- Now officially endorsed
- Overall approach: long distance SCS comms migrates to mobile phone and satellite
- Exceptions: those operations where mobile phone or satellite can not be used (certified by the {TESS+} team)
- Phase-out starts now {TESS+} guidance for field operations
- 2021-2025 is the transition period
- As of 2025: HF radio will no longer be considered as an official SCS tool (minus exceptions)
- Practically, as of now, new vehicles and new offices should not have HF radios anymore for SCS purposes
- Reminder: this is only for SCS purposes, excludes internal operational needs

#### Part 3: SMOM update

- Security Management Operations Manual (SMOM): Internal UN document
- First ever SCS guidance --- translating technical standards into security procedures
- Continuously updated
- Officially approved, to be published on UNSMIN {TESS+} online restricted repository
- Overall approach: "body text" and practical annexes
- Body text defines:
  - SCS purpose, components, connectivity requirements/scenarios
  - Process to identify the SCS
  - Responsibilities ("TESS team", ICTWG, Security teams,..)
  - Roles of SOCs
  - Basic components of SCS (mobile phone, VHF/UHF networks, satellite phone)

### Part 3: SMOM update (continued)

#### • Annexes approved:

- Annex A: Background on TESS and {TESS+}
- Annex B: Template TOR for Security Operations Centres (SOC)
- Annex C: Template TOR for SOC assistants
- Annex D: Guidance for operational areas without the physical presence of a SOC
- Annex E: Guidelines for technical evaluation of a mobile phone network's suitability as SCS
- Annex F: Guidelines on the role of the ICT Working Group in support of an SCS
- Annex G: Standard Operating Procedures (SOP) for Movement Monitoring
- Annex H: Standard Operating Procedures (SOP) for Communications Checks
- Annex I: Guidance for the maintenance of a radio-based SCS

### Part 3: SMOM update (continued)

#### • Annexes planned:

- Template TOR for SOC supervisor
- Guidance for self-evaluation of SCS systems
- Guidance for Remote SOCs
- Guidance on the use of SCS information systems and applications

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#### Part 3: SMOM update (continued)

- Upcoming: publication on UNSMIN and {TESS+} restricted repository
- This is a UN-internal document
- But individual parts can be shared
- If interested in specific parts: send request to TESS@WFP.org

#### Part 4: Planning for next 6 months:

- HF phase-out technical guidance for the field
- Remote SOC deployment, guidance and technical support (+- 10 countries in queue)
- Continued assessments, remote support, onsite technical support
- SCS Score Card (Country status overview on adoption and implementation of {TESS+} recommendations and SCS status)
- Publish VHF radio manuals/training modules, provide onsite training
- Wrap up mobile/portable Satellite Systems standards
- Assist integrating the SMOM SCS guidelines/standards into (UNDSS) training modules
- Continued facilitation for WG on SCS Guidelines and Procedures
- Facilitation on the standardization of SCS Applications (SAST)

#### Part 5: VHF training modules and manuals

- Wrapping up on basis of ETC-work
- Will be published on {TESS+} online repository
- Concentrates on user equipment configurations and single repeaters
- Includes standard codeplugs and maintenance guidelines
- Will be used in trainings during missions. Broader trainings will be provided by ETC.
- Excludes: Linked repeaters, bridging networks, Remote SOCs
  - Why?
  - These are one-in-a-lifetime deployments
  - Needs customized support and guidance
  - But: remote and onsite support will include local capacity building
  - Priority: Local teams need to be able to support their networks

### Part 6: {TESS+} online repositories

- If you have a UN Security profile (UNSMIN)
- Wider public: Public documents via {TESS+} repository
- Wider public: Restricted documents via {TESS+} repository (UN only)

## Part 6: {TESS+} online repositories – UN Sec profile



2020 SG Report on Safety and Security

Gender Focal Points
Certificate of Recognition

2021 Budget Impact of Liquidity Crisis - ASG Chandramouli Ramanathan

UNDSS Evaluation Framework

Evaluation Process and Methodology September 2020

UNDSS Newsletter #25
August 2020

USG Michaud visited N Resident and Humanita challenges in the countr to COVID-19. USG Mich areas, and with represe

#### UNDSS grieves Burkina Faso

Mr. Mamoudou Traoré, Peacekeeping Missions serving in Gao and Bam the hearts and minds competencies and will b

#### **Useful Links**

**News Archive** 

TRS Analytical Products
SCS Guidance and TESS
USGS EHP

FEMA

ReliefWeb

#### Go Katja! A de

The voting period for Hemmerich is a finalisinspired by Katja's comi if you could take a morn said Gilles Michaud, USC

# Part 6: {TESS+} online repositories – UN Sec profile

For each stream, TESS works on three layers:

- Connectivity: Hardware that physically connects users into an SCS.
- **Applications:** Software components that run on the connectivity layer and provides security management functions for personnel and security professionals.
- **Procedures:** The implementation of technologies through standardised security procedures.

#### **Mission Reports**

**TESS Mission Reports (use your UNSMIN login)** 

- Guidance for the implementation and operation of a Remote Security Operations Centre (RSOC)
- Guidance on conducting a basic self-assessment for connectivity solutions in line with the Security Communications System (SCS) in an operational area

#### **Reference Documents (IASMN-endorsed)**

- Communique Further Guidance on SCS 29
  April 2019
- Communique Guidance on Future Security Telecomms Systems 30 July 2018
- Phase-Out of HF Radio as SCS Tool January 2021
- Standards on the Use of Vehicle Tracking Systems as SCS June 2020
- **▶** TESS Plus Service Charter January 2021
- Exercise Flus Business Case June 2020

#### **Technical Bulletins**

- SCS VHF-UHF Technical Standards 8 Oct 2020
- TESS Survey on MNO and Electricity July 2020

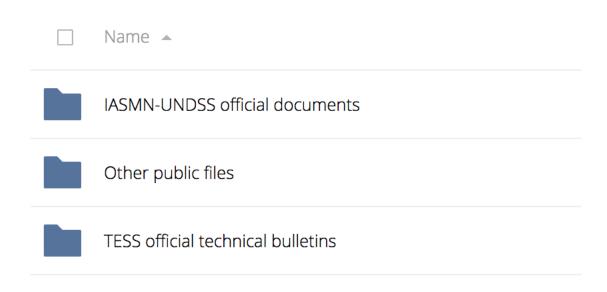
#### Part 6: {TESS+} online repositories: public docs

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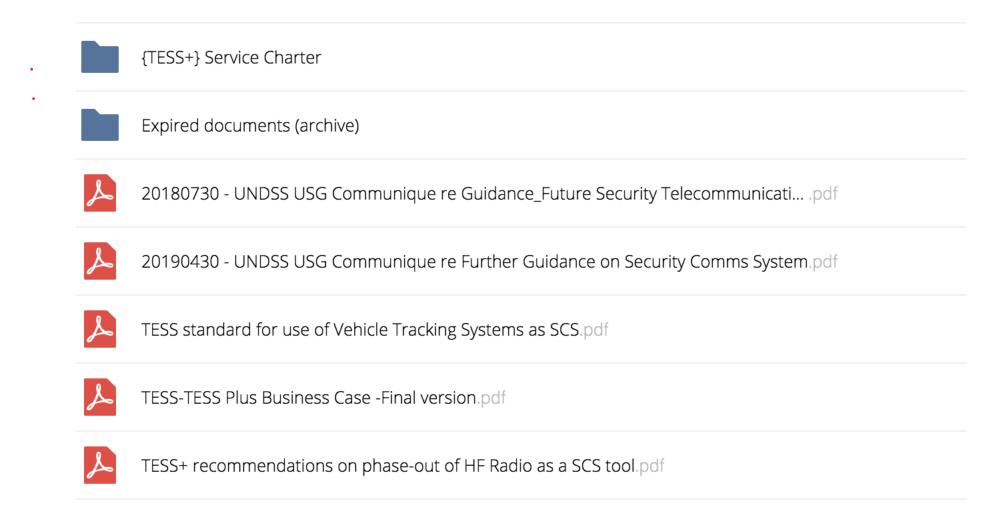
http://bit.ly/tess-public

### Part 6: {TESS+} online repositories: public docs

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#### Part 6: {TESS+} online repositories: public docs



### Part 6: {TESS+} online repositories: restricted docs

- UN-internal documents, including:
  - Mission reports
  - Internal UN documents
- Stay tuned for link/procedure
- In the mean time: we can forward you specific documents/parts
- As usual: contact TESS@wfp.org

**Contact:** 

TESS@wfp.org

Online public repository:

http://bit.ly/tess-public