

Telecoms Security Standards

{TESS+}

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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 SOC's
 - 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
 - ...

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 SOC's
 - 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

-  **UNDSS Retreat: COVID-19 Response Overview**
-  **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**

Useful Links

- [News Archive](#)
- [TRS Analytical Products](#)
- [SCS Guidance and TESS](#)
- [USGS EHP](#)
- [FEMA](#)
- [ReliefWeb](#)

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

UNDSS grieves Burkina Faso

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

Go Katja! A de

The voting period for Hemmerich is a finali: inspired by Katja's comr 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](#)

 [TESS-TESS Plus 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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<input type="checkbox"/>	Name ▲
	IASMN-UNDSS official documents
	Other public files
	TESS official technical bulletins

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

 {TESS+} Service Charter


 Expired documents (archive)

 20180730 - UNDSS USG Communique re Guidance_Future Security Telecommunicati... .pdf

 20190430 - UNDSS USG Communique re Further Guidance on Security Comms System.pdf

 TESS standard for use of Vehicle Tracking Systems as SCS.pdf

 TESS-TESS Plus Business Case -Final version.pdf

 TESS+ recommendations on phase-out of HF Radio as a SCS tool.pdf

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

Q&A

Contact:

TESS@wfp.org

Online public repository:

<http://bit.ly/tess-public>