SETTING PRIORITIES FOR ACCESSIBLE COMMUNICATIONS@SEA SOLUTIONS FOR SMALL-SCALE FISHERS
under the ITU/CTU/TATT Smart Seas Toolkit for Disaster Resilience ("Smart Seas") Project

WORKSHOP PLAN | 11 & 12 MAR 2024 | 09:00 – 16:30 (AST)

The Setting Priorities for Accessible Communications@Sea solutions for Small-scale Fishers Workshop is an activity under the Smart Seas Toolkit for Disaster Resilience ("*Smart Seas*") Project, which sets out to co-develop a tiered list of priorities by an international, multi-sectoral, multi-stakeholder community to reduce risks associated with inadequate access to communications at sea for small-scale fishers (SSF). This two-day hybrid workshop will be held at the Hyatt Regency in Trinidad and Tobago, and will serve as working group session, to consult with stakeholders on the output report, titled *An Agenda for Accessible Comms@Sea for SSF* (Agenda Report), for future publishing to the international community.

Background

The Food and Agriculture Organization of the United Nations (FAO 2020)[1] recognizes fishing as one of the most dangerous professions, recording over 32,000 deaths annually. SSF are often exposed to numerous risks out at sea including, but not limited to, piracy and inclement weather. Information and communications technologies (ICTs) may aid SSF in communicating with national authorities, family and other seafarers when in danger, and receiving life-saving information such as meteorological warnings and forecasts. However, existing ICTs may not be suitable to SSF's needs. This calls for the development of a structured approach to enable accessible, fit-for-purpose comms@sea for SSF.

Though the Smart Seas Project focuses on the countries within Trinidad and Tobago's Maritime Rescue Co-ordination Center's (MRCC's) jurisdiction: Barbados, Grenada, St. Vincent and the Grenadines, Trinidad and Tobago, its outputs are intended to be replicable internationally and as such collaboration among international agents and agencies is necessary to formulate a global approach to reduce risks associated with SSF's inadequate access to fit-for-purpose communications.

Objectives

The *Setting Priorities Workshop's* objectives are to:

1. Consult with stakeholders on the gaps and gap-filling solutions to accessible comms@sea for SSF
2. Identify priorities to enable accessible comms@sea for SSF
3. Reach consensus regarding publishing of the co-authored output, *An Agenda for Accessible Comms@Sea for SSF* Report

Outputs, Outcomes and Impacts

The *output* of this Workshop is *An Agenda for Accessible Comms@Sea for SSF*. The intended *outcomes* of the workshop are:

- The formation of a loose, global community that considers technological, service and market innovations to address SSF access to comms@sea solutions
- An improved enabling environment to foster the development of innovative and accessible communications solutions to improve SSF's safety and livelihoods

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[1] Food and Agriculture Organization. (FAO) 2020b. The State of World Fisheries and Aquaculture 2020. Sustainability in action. Rome. https://doi.org/10.4060/ca9229en. Available at: https://www.fao.org/3/ca9229en/ca9229en.pdf

The long-term *impact* of this activity is accessible comms@sea for SSF.

Target Audience

The Workshop's target audience includes, but is not limited to:

- Research institutions
- Standards bodies
- Manufacturers
- Service providers
- Fisheries authorities
- Meteorological (MET) services
- Entrepreneurs

- Policy makers
- Spectrum management agencies (SMAs)
- Maritime administrations (MARADs)
- MRCCs & coast stations
- Fisheries organizations (orgs)
- Disaster management agencies (DMAs)
- UN Agencies

Programme at a Glance

The Workshop's programme is shown below, while a more detailed version is provided in Appendix A.

Time	Day 1	Time	Day 2
9:00	Opening & Welcome Remarks	9:00	Day 1 Recap & Day 2 Overview
9:25	Smart Seas & EW4ALL Overview	9:10	Working Session 5: Gaps
9:50	Feature Address: GoRTT		
10:00	Photo & Break	10:30	Tea break
10:20	ITU BR's Small Fishing Vessel Communications: A Practical Guide for National Authorities & Fishers	10:45	Working Session 6: Key Priorities
10:50	Working Session 1: SSF, Safety at Sea & ICT Accessibility		
11:10	Working Session 2: Accessible Comms@Sea	12:00	Lunch
12:00	Lunch	13:00	Working Session 7: Progress Tracking & Next Steps
13:00	Working Session 3: Demand	14:15	Working Session 8: Ad Hoc
15:00	Tea Break	15:15	Tea break
15:15	Working Session 4: Supply	15:30	Recap & Consensus
16:00	Plenary: Working Session Recaps		
16:25	Day 1 Closure	16:00	Closing Ceremony
16:30	End of Day 1	16:30	End of Day 2

Working Session Structure

The *Setting Priorities Workshop* is framed as a working session, for stakeholder consultations to further the development of the Agenda Report, comprising 8 Working Sessions, that follow closely to the Agenda Report:

- Working Session 1: SSF, Safety at Sea & ICT Accessibility
- Working Session 2: Accessible Comms@Sea
- Working Session 3: Demand
- Working Session 4: Supply
- Working Session 5: Gaps
- Working Session 6: Key Priorities
- Working Session 7: Progress Tracking & Next Steps
- Working Session 8: Ad hoc

Each Working Session will have 5 parallel Breakout groups, which will be fixed for both days, in both its membership as well as location, as shown in Appendix B:

- Breakout 1: Telecommunications (Port of Spain Ballroom on both days)
- Breakout 2: Fisheries, MRCCs and Coast Stations (Point Lisas Room on both days)
- Breakout 3: All other agencies (Point Fortin Room on both days)
- Breakout 4: Telecommunications (Zoom on both days)
- Breakout 5, online: MET Services, DMA's, Fisheries & Coast Stations (Zoom on both days)

Key *deliverables* for each breakout during each working session include:

1. Comments and/or tracked changes to the Chapters themselves
2. Completed reporting instruments on the Chapter under review
3. Rapporteur notes, for sharing to plenary

As such, the *activities* undertaken by *each* breakout include:

1. Nominating a rapporteur to share summarized feedback of breakout discussions during the daily Summary & Consensus sessions:

    a. Report adequacy and, where necessary, key recommendations for inclusion
    b. Report accuracy and, where necessary, areas to address
    c. Key areas of concern and, where necessary, recommended resolutions
    d. Key channels for consideration and adoption
    e. Other notable comments

2. Considering the contents of the current draft of the Agenda Report, providing feedback as well as identifying further gaps, interests and priorities

3. Presenting feedback of breakout discussions during the daily *Summary & Consensus* sessions

Review Process

This Workshop is centered around revising and reaching consensus regarding publishing of the co-authored output, An Agenda for Accessible Comms@Sea for SSF Report. To date, the report has been co-developed by the Project Team and participating stakeholders from Jan 2024 – present, incorporating feedback received through comments as well as direct edits to the Agenda Report Chapters, available on the Project's Google Drive.

Further feedback will be collected:

1. Pre-workshop: in the form of comments and direct edits to the Report Chapters, as well as through the Agenda Reporting Instrument, to be completed by each participant

2. In-workshop: in the form of feedback at the Workshop level, through the completion of the attached *Working Session Rapporteur Report*, which will be presented at the end of each day during the *Recap and Consensus* session

Agenda Report Chapters

The Agenda Report comprises 8 chapters, all available online for edits through the Project's Google Drive:

- Chapter 1: Introduction
- Chapter 2: Accessible Comms@Sea
- Chapter 3: Demand
- Chapter 4: Supply
- Chapter 5: Gaps
- Chapter 6: Key Priorities
- Chapter 7: Progress Tracking
- Chapter 8: Conclusion

Feedback can be provided to the chapters themselves through direct edits, which will show as tracked changes, or as comments in the document itself. This will be revised and reshared with all stakeholders before the Workshop. Additional copies, for use during the Workshop, will be shared on the day, by breakout.

Breakout Room Assignments

BO	Chair	Location	Participants		
1: Telecommunications	Tariq Mohammed	Port of Spain Ballroom	**Name**	**Group**	**Agency**
			1. Nigel Cassimire	Regional Telecoms Organization	CTU
			2. Louis-Ray Harris	Research Institution	UWI Mona
			3. Eduard Siemens		Anhalt University of Applying Sciences
			4. TBC		UTT
			5. Ryan Johnson	Service Provider	Viasat, Inc.
			6. Gerson Daminik	SMA	Ministry of Communication and Informatic, Republic of Indonesia
			7. Christa Medford		NTRC (GRD)
			8. Abean Cooper		SMA
			9. Kwan Wilson		SMA
			10. Cynthia ReddockDownes		TATT
			11. Kirk Sookram		TATT
			12. Kurleigh Prescod		TATT
			13. Glennert Riedel		BTNP
			14. Wahlid Mathlouthi	UN Agency	ITU
			15. Cleveland Thomas		ITU
			16. Emmet Ryan		ITU
			17. Vanessa Gray		ITU
			18. Tristan Griffith		ITU

BO	Chair	Location	Participants

2: Fisheries , MRCCs & Coast Stations	Renasha Cassar	Point Lisas			

Name	Group	Agency
1. Adrian La Roda	Fisheries organizations	CNFO
~~2. Evana Douglas~~		~~Future Fishers~~
3. Shammon Walker		-
4. Recardo Mieux	Fisheries Authorities	TTO FD
5. Crystal Edwards		DMRF
6. Lorenzo George		VCT FD
7. Kerton Jobe	UN Agencies	FAO
8. Ishmael Baksh	MRCCs & Coast Stations	NPR
9. Daniel Castagne		TTCG
~~10. Derek Archer~~	~~Training Agency~~	~~CFTDI~~

3 All Other Agencies — Kim Mallalieu — Point Fortin

Name	Group	Agency
1. Curmira Gulston	DMA	ODPM
2. Curtis Roberts	DMA	TEMA
3. Garnet Best	MARAD	MSD
4. Haley Anderson	MET Services	CMO
5.Camille HallGraham/ Gary Benjamin	MET Services	TTMS
6. Dale Hercules	Policy Maker	THA

Online Group 1: Telecommunica tions — Daniel Goitia — Zoom Breakout Room II

Name	Group	Agency
1. Carmelo Rivera	Regional Telecoms Organization	ACES
2. Vadym Kaptur	Research Institution	Institute of Telecommunications and Global Information Space
3. Juan Francisco Robles Camacho	SMA	UNINDETEC
4. Juan Cacace	Regional Telecoms Organization	Access Partnership
5. Nia Nanan	Regional Telecoms Organization	CTU
6. Brian Carter	Independent Consulting Firm	Westbury Global

5 Online Group 2: (MET Services, DMA's, Fisheries & Coast Stations)	Tyler Seudath	Zoom Breakout Room I			

	Name	Group	Agency
	1. Fareed Mohammed	DMA	ODPM
	2. Jaishima Gowandan		ODPM
	3. Courtney King		CDEMA
	4. Trisha Miller	MET Services	GAA
	5. Fimber Frank		GAA
	6. Shelly-Ann Cox	Fisheries Authorities	BFD
	7. Andrea Thomas		GFD
	8. Dayne Job	MRCCs & Coast Stations	TSTT
	9. Mensah Baptiste		NPR
	10. Nigel Davis		NPR

Workshop Programme

Time (AST)	Session	Room
	Day 1	
8:00 AM	Registration & Badging | Ranissa Mathura: • In-person attendees collect badges • Main room open for attendees	Port of Spain Ballroom
8:55 AM	5 Mins Notice | Mr. Tariq Mohammed	Port of Spain Ballroom
9:00 AM	Day 1 Opening | Mr. Tariq Mohammed: • National Anthem • Safety Briefing	Port of Spain Ballroom
9:10 AM	Welcome Remarks: • ITU | Mr. Cleveland Thomas • CTU | Mr. Rodney Taylor • TATT | Mrs. Cynthia Reddock-Downes	Port of Spain Ballroom
9:25 AM	Presentations: • Smart Seas Project Overview | Tariq Mohammed • UN Early Warnings for All Presentation | Vanessa Gray • An Agenda for Accessible Comms@Sea for SSF | Tariq Mohammed	Port of Spain Ballroom
9:50 AM	Feature Address: GoRTT | Senator the Honourable Hassel Bacchus	Port of Spain Ballroom
10:00 AM	**Group Photo & Tea Break**	Hyatt Staircase / Port of Spain Ballroom
10:20 AM	ITU BR's Small Fishing Vessel Communications: A Practical Guide for National Authorities & Fishers | Mr. Emmet Ryan	Port of Spain Ballroom
10:50 AM	Working Session 1: SSF, Safety at Sea & ICT Accessibility	
	• BO 1: Telecommunications Agencies | Mr. Tariq Mohammed	Port of Spain Ballroom
	• BO 2: Fisheries Agencies, MRCCs & Coast Stations | Ms. Renasha Cassar	Point Lisas Room
	• BO 3: All Other Agencies | Dr. Kim Mallalieu	Point Fortin Room

Time	Session	Room
	• BO 4: Online | Mr. Tyler Seudath	Zoom
	• BO 5: Online | Mr. Daniel Goitia	Zoom
11:15 AM	Working Session 2: Accessible Comms@Sea for SSF	
	• BO 1: Telecommunications Agencies | Mr. Tariq Mohammed	Port of Spain Ballroom
	• BO 2: Fisheries Agencies, MRCCs & Coast Stations | Ms. Renasha Cassar	Point Lisas Room
	• BO 3: All Other Agencies | Dr. Kim Mallalieu	Point Fortin Room
	• BO 4: Online | Mr. Tyler Seudath	Zoom
	• BO 5: Online | Mr. Daniel Goitia	Zoom
12:00 PM	**Lunch**	Port of Spain Ballroom
1:00 PM	Working Session 3: Demand	
	• BO 1: Telecommunications Agencies | Mr. Tariq Mohammed	Port of Spain Ballroom
	• BO 2: Fisheries Agencies, MRCCs & Coast Stations | Ms. Renasha Cassar	Point Lisas Room
	• BO 3: All Other Agencies | Dr. Kim Mallalieu	Point Fortin Room
	• BO 4: Online | Mr. Tyler Seudath	Zoom
	• BO 5: Online | Mr. Daniel Goitia	Zoom
3:00 PM	**Tea Break**	Port of Spain Ballroom

Time (AST)	Session	Room
3:15 PM	Working Session 4: Supply	
	• BO 1: Telecommunications Agencies | Mr. Tariq Mohammed	Port of Spain Ballroom
	• BO 2: Fisheries Agencies, MRCCs & Coast Stations | Ms. Renasha Cassar	Point Lisas Room
	• BO 3: All Other Agencies | Dr. Kim Mallalieu	Point Fortin Room
	• BO 4: Online | Mr. Tyler Seudath	Zoom
	• BO 5: Online | Mr. Daniel Goitia	Zoom
4:00 PM	Recap & Consensus | Mr. Tariq Mohammed: • BO 1: Telecommunications Agencies • BO 2: Fisheries Agencies, MRCCs & Coast Stations • BO 3: All Other Agencies • BO 4: Online • BO 5: Online	Port of Spain Ballroom
4:25 PM	Day 1 Closing | Mr. Tariq Mohammed	Port of Spain Ballroom
4:30 PM	**Day 1 End**	
	Day 2	
8:00 AM	Room opens for all attendees	Port of Spain Ballroom
8:55 AM	5 Mins Notice | Mr. Tariq Mohammed	Port of Spain Ballroom
9:00 AM	Day 2 Opening | Tariq Mohammed: • Day 1 Recap • Day 2 Plan	Port of Spain Ballroom

Time (AST)	Session	Room
9:10 AM	Break Out: Working Session 5: Gaps	
	• BO 1: Telecommunications Agencies | Mr. Tariq Mohammed	Port of Spain Ballroom
	• BO 2: Fisheries Agencies, MRCCs & Coast Stations | Ms. Renasha Cassar	Point Lisas Room
	• BO 3: All Other Agencies | Dr. Kim Mallalieu	Point Fortin Room
	• BO 4: Online | Mr. Tyler Seudath	Zoom
	• BO 5: Online | Mr. Daniel Goitia	Zoom
10:30 AM	**Tea break**	Foyer
10:45 AM	Break Out: Working Session 6: Key Priorities	
	• BO 1: Telecommunications Agencies | Mr. Tariq Mohammed	Port of Spain Ballroom
	• BO 2: Fisheries Agencies, MRCCs & Coast Stations | Ms. Renasha Cassar	Point Lisas Room
	• BO 3: All Other Agencies | Dr. Kim Mallalieu	Point Fortin Room
	• BO 4: Online | Mr. Tyler Seudath	Zoom
	• BO 5: Online | Mr. Daniel Goitia	Zoom
12:00 PM	**Lunch**	Foyer
1:00 PM	Break Out: Working Session 7: Progress Tracking & Next Steps	
	• BO 1: Telecommunications Agencies | Mr. Tariq Mohammed	Port of Spain Ballroom
	• BO 2: Fisheries Agencies, MRCCs & Coast Stations | Ms. Renasha Cassar	Point Lisas Room
	• BO 3: All Other Agencies | Dr. Kim Mallalieu	Point Fortin Room
	• BO 4: Online | Mr. Tyler Seudath	Zoom
	• BO 5: Online | Mr. Daniel Goitia	Zoom
2:15 PM	Break Out: Working Session 8: Ad Hoc	
	• BO 1: Telecommunications Agencies | Mr. Tariq Mohammed	Port of Spain Ballroom
	• BO 2: Fisheries Agencies, MRCCs & Coast Stations | Ms. Renasha Cassar	Point Lisas Room
	• BO 3: All Other Agencies | Dr. Kim Mallalieu	Point Fortin Room
Time (AST)	**Session**	**Room**
	• BO 4: Online | Mr. Tyler Seudath	Zoom
	• BO 5: Online | Mr. Daniel Goitia	Zoom
3:15 PM	**Tea break**	Foyer
3:30 PM	Recap & Consensus | Mr. Tariq Mohammed: • BO 1: Telecommunications Agencies • BO 2: Fisheries Agencies, MRCCs & Coast Stations • BO 3: All Other Agencies • BO 4: Online • BO 5: Online	Port of Spain Ballroom
4:00 PM	Closing Ceremony: • ITU | Mr. Cleveland Thomas • CTU | Mr. Nigel Cassimire • TATT | Mrs. Cynthia Reddock-Downes • Smart Seas | Dr. Kim Mallalieu	Port of Spain Ballroom
4:30 PM	**End of Workshop**	