



“Boat found but four Mayaro fishermen still missing”

“Hope fades for four missing fishermen”



SETTING PRIORITIES FOR

ACCESSIBLE COMMS@SEA FOR SMALL-SCALE FISHERS

under the ITU/CTU/TATT Smart Seas Toolkit for Disaster Resilience Project

Smart Seas Project Team
11 Mar 2024

Welcome Remarks: Project Partners



**Mr. Cleveland
Thomas**

Area Office Representative for the
Caribbean Region, International
Telecommunication Union (ITU)



**Mr. Rodney
Taylor**

Secretary General,
Caribbean Telecommunications
Union (CTU)



**Mrs. Cynthia
Reddock-Downes**

Chief Executive Officer,
Telecommunications Authority of
Trinidad and Tobago (TATT)

SMART SEAS OVERVIEW

Problem: Vulnerability of Small-Scale Fishers

- Fishing often ranked as most dangerous job; 32,000 annual fatalities @ sea (FAO 2020)
- Small-scale fishers (SSF), who comprise 93% of Caribbean commercial capture fisheries (CRFM 2018), are most exposed *and otherwise* marginalized

Reports of another attack on fishermen
Posted on August 8, 2019 by newscenter5

T&T Coast Guard retrieves body of 5th fisherman

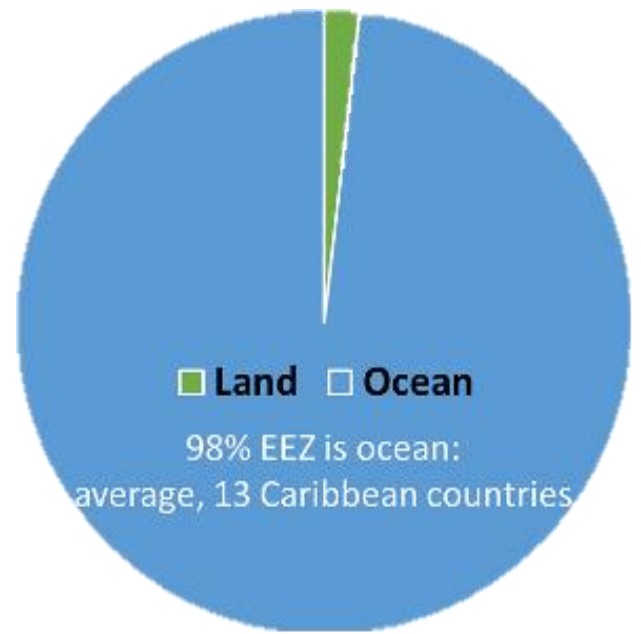
LOOP NEWS | CREATED : 30 JULY 2019 | CRIME



Fishermen missing
By CNC3 Editor - December 28, 2021



Boat found, fisherman lost
Elizabeth Williams Oct 18, 2021 Updated Oct 18, 2021



Threat to SSF: Tobago Oil Spill

Fishermen and Friends: Tobago oil spill could get worse

STEPHON NICHOLAS 19 HRS AGO



A drone photo taken on February 8 shows the extent of the damage caused to the coast of Scarborough, Tobago. Photo courtesy Dayreon Mitchell

Source: Trinidad and Tobago Express



Source: Trinidad and Tobago Express



Source: Google Sentinel Imagery

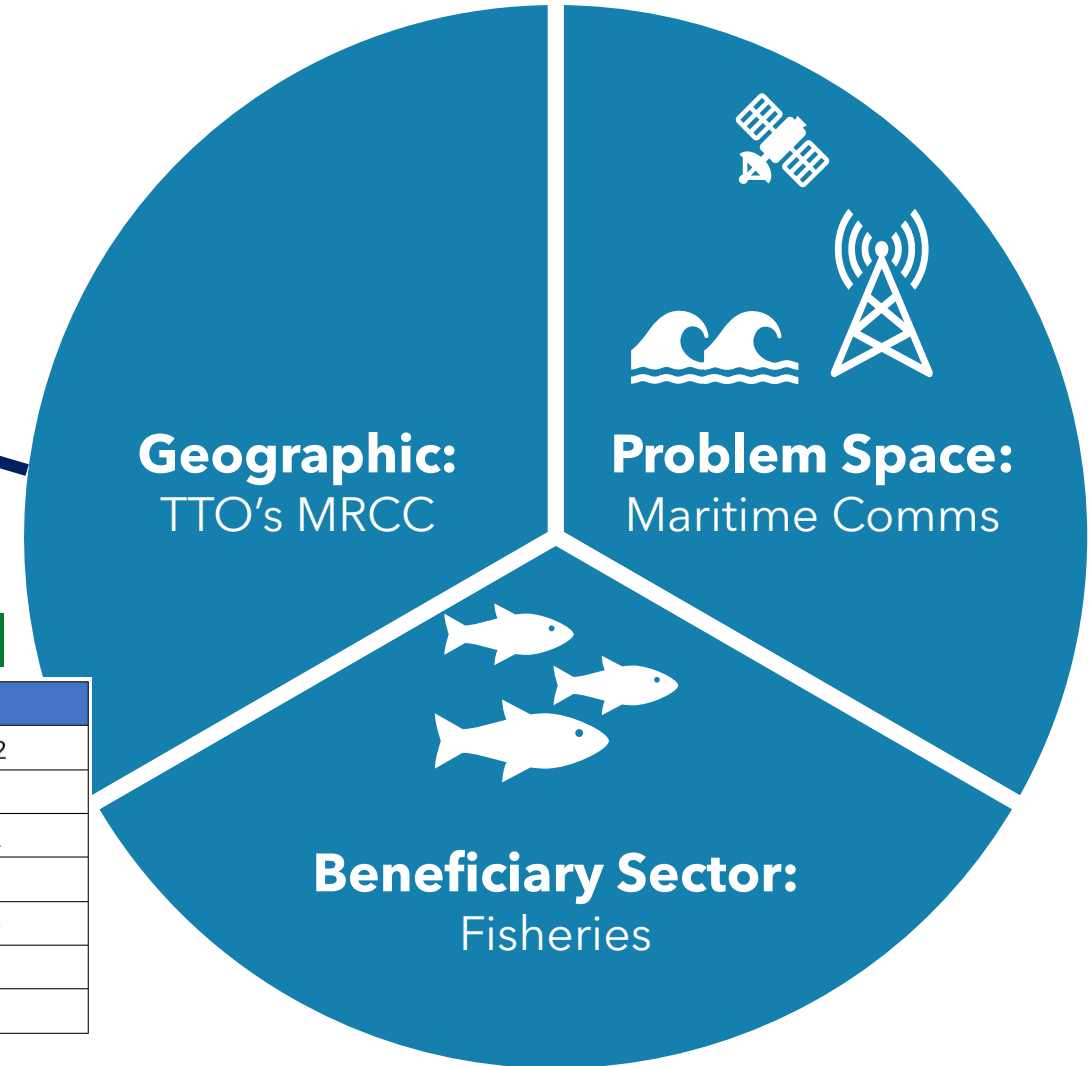
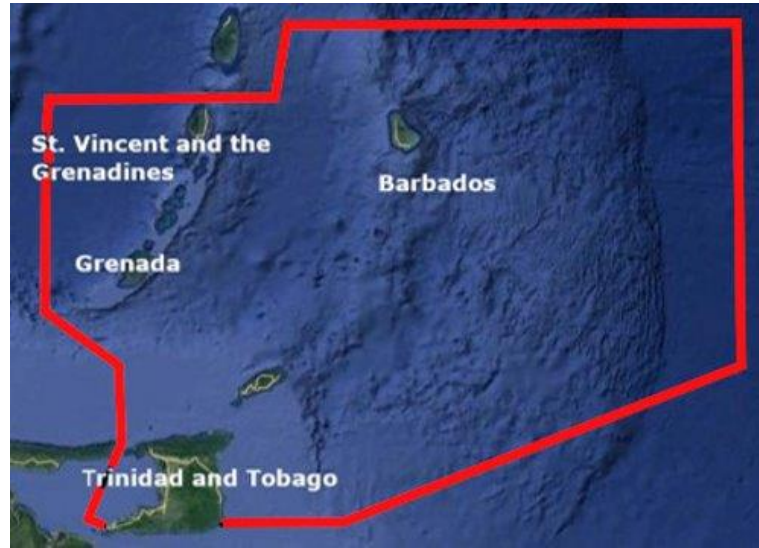
Addressing the Problem: Smart Seas



- Joint initiative of the International Telecommunication Union (ITU), Caribbean Telecommunications Union (CTU) & Telecommunications Authority of Trinidad & Tobago (TATT), supported by the Government of the Republic of Trinidad and Tobago (GoRTT)
- Aims to increase the resilience & preserve the lives of small-scale fishers (SSF) through information & communications technologies (ICTs) with emphasis on the **enabling environment**¹

¹ the set of actors, policies, regulations, frameworks, capacity, operations and associated engagements among actors and agencies which facilitate maritime communications to increase the resilience of small-scale fishers

Scope: 3D Perspective



	BRB	GRD	TTO	VCT
Population	281,200	124,610	1,365,000	104,332
Land Area (km ²)	431	344	5131	389
EEZ (km ²)	186,898	27,426	74,199	36,302
Main Language	English			
# Households	106,000	30,000	425,000-441,000	31,000
IDI (2017)	7.31	5.80	5.54	5.27
GNI Per Capita	14,830	8,830	15,680	6,790

Dimensions



Policy &
Regulation



Operations



Capacity

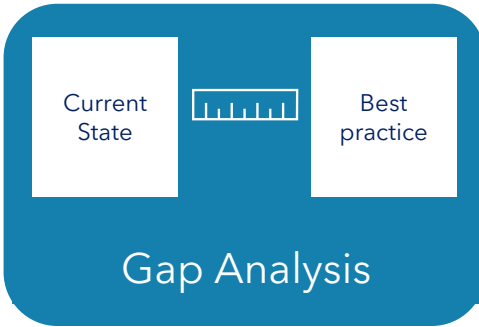


Technology

Transferable: other sectors & marginalized communities | **Extensible**: Caribbean & world-wide

Outputs, Outcomes & Impacts

OUTPUTS



Policy & Regulation | Operations | Capacity | Technology

OUTCOMES



IMPACT

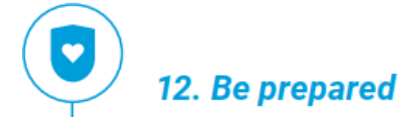
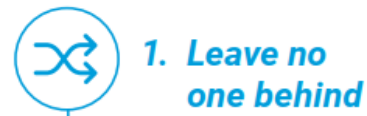


AGENDA FOR ACCESSIBLE COMMS@SEA FOR SSF OVERVIEW

International (UN) Agendas



Global Across Multiple Sectors



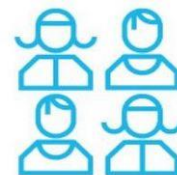
ICT-Specific



ITU's Connect 2030 - An agenda to connect all to a better world



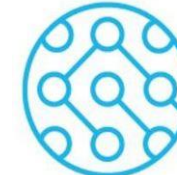
Growth



Inclusiveness



Sustainability



Innovation



Partnership

Goals:

UN INITIATIVE: EARLY WARNINGS FOR ALL (EW4ALL)

Ms. Vanessa Gray | Head of Emergency Telecommunications & Environment Division | ITU

Agenda for Accessible Comms@Sea 4 SSF

Aim: to assemble a loose, global community to develop a tiered list of priorities across multiple stakeholder groups, to improve the accessibility of comms at sea for SSF

Objectives:

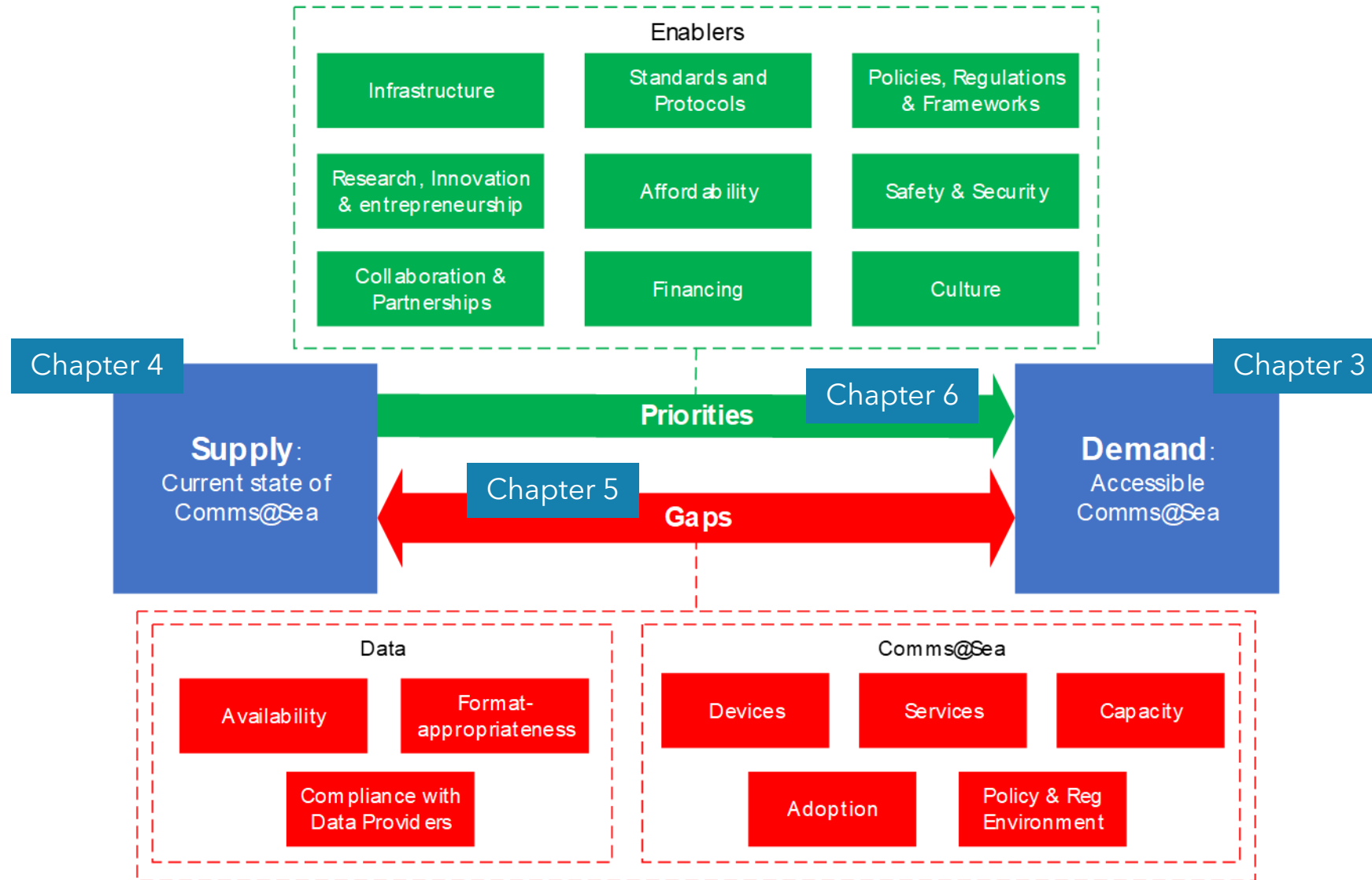
1. Consult with stakeholders on the gaps and gap-filling solutions to accessible comms@sea for SSF
2. Identify priorities to enable accessible comms@sea for SSF
3. Reach consensus regarding publishing of the co-authored output, *An Agenda for Accessible Comms@Sea for SSF Report*

Outcomes:

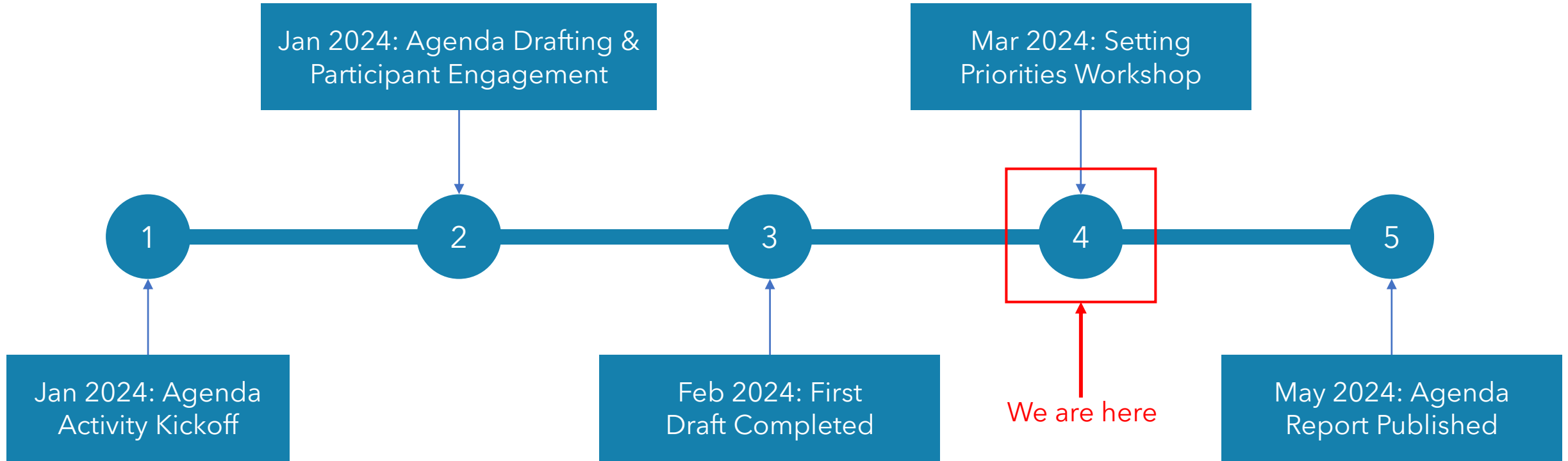
1. Community to identify and fill gaps to accessible comms@sea for SSF
2. Enabling environment for comms@sea

Impact: accessible comms@sea for SSF

Identifying & Filling Gaps: Setting Priorities








Schedule



Workshop Structure

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

Agenda Report Co-Development

In-person				Online	
	BO1	BO2	BO3	BO4	BO5
Agencies	<ul style="list-style-type: none"> Telecoms Agencies Research Institutions 	<ul style="list-style-type: none"> Fisheries Authorities Fisheries Orgs MRCCs & Coast Stations 	<ul style="list-style-type: none"> MARADs Met Services DMAs 	<ul style="list-style-type: none"> Telecoms Agencies 	<ul style="list-style-type: none"> All other agencies
Room	Port of Spain Ballroom	Point Fortin Room	Point Lisas Room	Zoom	Zoom
Resources	 https://bit.ly/48zqlv9	 https://bit.ly/42Y4iNo	 https://bit.ly/4bZCqwH	 https://bit.ly/3SWMn5k	 https://bit.ly/49RolKq

Feature Address: GoRTT



Senator the Honourable Hassel Bacchus

Senator and Minister of Digital Transformation, Government of the Republic of Trinidad and Tobago








GROUP PHOTO & TEA BREAK

15 minutes | 10:00 AM - 10:15 AM (AST)

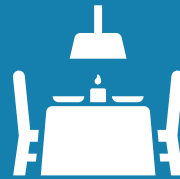
SMALL FISHING VESSEL COMMUNICATIONS: A PRACTICAL GUIDE FOR NATIONAL AUTHORITIES & FISHERS

Mr. Emmet Ryan | Radiocommunication Engineer | ITU

Let's Break Out

In-person				Online	
	BO1	BO2	BO3	BO4	BO5
Agencies	<ul style="list-style-type: none"> Telecoms Agencies Research Institutions 	<ul style="list-style-type: none"> Fisheries Authorities Fisheries Orgs MRCCs & Coast Stations 	<ul style="list-style-type: none"> MARADs Met Services DMAs 	<ul style="list-style-type: none"> Telecoms Agencies 	<ul style="list-style-type: none"> All other agencies
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LUNCH BREAK



1 hour | 12:00 PM – 1:00 PM (AST)

RECAP & CONSENSUS

2 mins per breakout

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THANK YOU FOR YOUR PARTICIPATION

Questions, email us at SST@ctu.int

Day 1 feedback:
<https://bit.ly/3TlrFwj>



References

- Agenda references

FAO. The State of World Fisheries and Aquaculture 2020. Sustainability in action, 2020. Rome.

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UN. 2021. Our Common Agenda. Available at: https://www.un.org/en/content/common-agenda-report/assets/pdf/Common_Agenda_Report_English.pdf