**IALA COUNCIL
73rd session**

IALA

**8-10 June 2021
Video conference**

10 – TECHNICAL ACTIVITIES

10.4 – VTS

10.4.1 – VTS50 summary report

Note by the Secretariat

1. INTRODUCTION

The 50th meeting of the VTS Committee was held virtually from 10 - 31 March 2021. 170 Participants from 33 countries, 5 Sister organisations participated. 41 participants attended for the first time.

The Committee revised the work programme based on the decision of the Council and worked on the extended work period 2018-2023. Working in three working groups, the Committee considered 93 input papers, including presentations and produced 42 output and working documents. Please refer to the annex for the overall status.

2. OUTPUTS FOR APPROVAL

Five draft Guidelines have been finalised for the Council approval.

- C73-11.4.2 (VTS50-13.1.1.1) New Guideline on Competencies Planning & Implementing VTS, Ed 1.0

- C73-11.4.3 (VTS50-13.1.1.2) Revised Guideline G1141 on Operational Procedures for Delivering VTS, Ed 2.0

- C73-11.4.4 (VTS50-13.1.1.3) Revised Guideline G1110 on Use of Decision Support Tools for VTS Personnel, Ed 2.0

- C73-11.4.5 (VTS50-13.1.1.5) Revised Guideline G1132 on VTS Voice Communications and Phraseology, Ed 2.0

- C73-11.4.6 (VTS50-13.1.3.1) Revised Guideline G1017 on Assessment for Recognition of Prior Learning in VTS Training, Ed 2.0

3. THE COUNCIL IS REQUESTED TO

NOTE the information provided in this document.

Annex Overall status of the VTS Committee 2018-2023 Work Programme after VTS50:

Task		Start Session	Planned End Session	Revised End Session	Progress Indicator			Status Overview
					Green	Yellow	Red	
WG#1 – Operations								
1.1.1	Revision of IMO Resolution A.857(20) Guidelines on Vessel Traffic Services	45	47					Revision of resolution completed.
	1.1.1.1 Update Guideline 1089 to be in line with Revised IMO Resolution on Vessel Traffic Services post adoption.	47	49					Provisional approval at C72. Enforcement pending approval of IMO Resolution
	1.1.1.2 Update documents that require changes to incorporate the new terminology post adoption of the revised IMO Resolution on Vessel Traffic Services.	47	51		🟩			Preparations of IALA documents ongoing.
	1.1.1.3 Review and update Rec V-120 to be a GL under Rec. R0127 or R0119	50	51		🟩			New task
1.1.2	Review and update V-119 on the Implementation of Vessel Traffic Services (R0119) (Output to be a revised Recommendation and associated Guideline),(includes task 1.1.3)	47	50	49				Approval of R0119 and G1150 at C72
1.1.3	Develop a guideline on Competencies for Planning and Implementing	49	50					To Council for approval
1.1.4	Develop a Guideline on the Provision of Local Port Services (LPS)	45						Completed VTS45
1.2.1	Review and update V-127 on Operational Procedures for Vessel Traffic Services (Output to be a revised Recommendation and associated Guideline)	45	51		🟩			Revision of Rec ongoing; G1141 to Council for approval
1.2.2	Update a Guideline 1110 on Decision Support Tools for VTS Personnel (take into account emerging concepts and technologies)	49	50					To Council for approval
1.2.3	Develop a Guideline for Promulgating the Requirements of a VTS to Mariners – A VTS Users Guide Template	45	46					Completed at VTS46
1.2.4	Provide VTS input to ARM (lead Committee) for the development of a Guideline on Maritime Services in the context of e-Navigation relating to VTS (merged with task 1.2.7)	45	51		🟩			Merged with task 1.2.7 Await outcomes on MS from other parties Note new title
1.2.5	Develop a Guideline on the implications of maritime autonomous surface ships from a VTS perspective	50	51					Commenced at VTS50
1.2.6	Develop a Guideline on how to develop a safety culture in VTS	50	51					Commenced at VTS50
1.2.7	~~Develop Guideline on the development and implementation of VTS related MS's other than MS 1, 2 and 3~~	~~46~~	~~48~~					Council 70 approved to merge with task 1.2.4. and delete task 1.27

Task		Start Session	Planned End Session	Revised End Session	Progress Indicator			Status Overview
					Green	**Yellow**	**Red**	
1.2.8	Develop a IALA Reference List on IALA Documentation Relating to VTS	45						Continued update by Sec.
1.3.1	Update Guideline G1132 on VTS Voice Communication, including VTS standard Phrases/Phraseology	45	48	50				Note new title To Council for approval
1.3.2	Develop a Recommendation on Digital information transfer between ship and shore in VTS operations (operational aspects)	51	51			Yellow		
1.4.1	Continuous update of VTS Manual	46	51	51	Green			Note new title Ongoing task
1.4.2	Develop procedures for the ongoing management and conduct of the Global VTS Questionnaire	45	46	51		Yellow		Pending data base management
1.4.3	Prepare a "living document" on "Future VTS", including emerging technologies and human element	50	51		Green			Start session postponed due to VTS48 cancellation; commenced at VTS50
1.4.4	~~Produce a Guideline on preparing for Zero Accident Campaign~~							No IMO response. Task discontinued
WG#2 – Technology								
2.1.1	Develop Guideline on the portrayal of VTS information and data (both operational and technical aspects).	45	48	51		Yellow		Council 71 to coordinate with ENAV and ARM and on GL1072 and GL1105
2.1.2	Develop a Recommendation and Guideline on Cyber-Security in AtoN operations (lead by ARM, all Committees via Workshop)	47	50	51		Yellow		Waiting for workshop on cyber security in Nov.2021
2.2.1	Review and update Recommendation V-128 on Operational and Technical Performance of VTS Systems	49	51		Green			Start session postponed due to VTS48 cancellation, Together with task 2.2.2
2.2.2	Review and update Guideline 1111 on Preparation of Operational and Technical Performance Requirements for VTS Systems	45	48	51	Green			Split into one general GL and nine specific GL
2.2.3	~~Develop a Guideline on Acceptance of VTS systems~~	45	46	51				One specific GL under G1111; Merged with task 2.2.2
2.3.1	Develop a Product Specification under the S-100 framework for VTS	45	47	51	Green			Note new title
2.3.2	Review and update Recommendation V-145 on the Inter-VTS Exchange Format (IVEF) Service (Output to be a revised Recommendation and associated Guideline, including a product specification S-210))	50	51		Green			Start session postponed due to VTS48 cancellation
WG#3 –Training								
3.1.1	Develop a Guideline on human factors and ergonomics in VTS	46	49	51	Green			
3.2.1	Develop a Guideline on the management of a VTS	45	49	51		Yellow		

Task		Start Session	Planned End Session	Revised End Session	Progress Indicator			Status Overview
					Green	Yellow	Red	
3.2.2	Review, update and reformat Guideline 1045 on Staffing Level at VTS centres	45	45					Completed at VTS45
3.3.1	a. Review and split R0103 (V-103) to a Recommendation and Guideline	45	48	49				Both completed at VTS 49. Approval at C72
	b. Review / update Model Course 103/1 – VTS Operator	49	51					
	c. Review / update Model Course 103/2 – VTS Supervisor	51	51					Additional sessions needed
	d. Review / update Model Course103/3	51	51					-"-
	e. Review / update Model Course 103/4	51	51					-"-
	f. Review / update Model Course 103/5	51	51					-"-
3.3.2	Review and update Guideline 1017 on Assessment for Recognition of Prior Learning in VTS Training	47	50					Note new To council for approval
3.3.3	~~Produce a VTS Training Manual to complement V-103 and its model courses~~	~~48~~	~~51~~					Council 70 approved task deletion
3.4.1	Review and update Guideline 1014 on the Accreditation and Approval Process for VTS Training	49	51					
3.5.1	a. Develop guidance on VTS training for deck officers	45	46	47				Completed at VTS47
	b. Develop Recommendation on Marine Aids to Navigation awareness for Mariners	47	49					Approved at C72

Legend:

Green – progress as planned

Yellow – task needs more time, target time prolonged

Red – task needs more time, may not be completed during this work period

Blank – task not started