

IALA COUNCIL
74th session



13-17 December 2021
IALA Headquarters

10 – TECHNICAL ACTIVITIES

10.5 – VTS

10.5.1 – VTS 51 summary report

Note by the Secretariat

1. INTRODUCTION

The 51st meeting of the VTS Committee was held virtually from 16 September - 7 October 2021. During the meeting, 151 Participants from 33 countries, 4 Sister organisations participated. Fourteen participants attended for the first time.

The VTS Committee considered 108 input papers and produced 40 output papers, including working papers, from three Working Groups.

2. OUTPUTS FOR APPROVAL

Four draft Guidelines and one input paper on the update to the VTS documentation proposal have been finalised for the Council approval.

- C74-10.5.2 (VTS51-13.1.3.2) Revised Guideline G1014 Accreditation of VTS Training Organizations and Approval to Deliver IALA VTS Model Courses, Ed 4.0
- C74-10.5.3 (VTS51-13.1.1.3) Revised Guideline G1110 Use of Decision Support Tools for VTS Personnel, Ed 2.0
- C74-10.5.4 (VTS51-13.1.1.2) Draft new Guideline on VTS in Inland Waters
- C74-10.5.5 (VTS51-13.1.3.1) Draft new Guideline on VTS Management
- C74-10.5.6 (VTS51-13.1.1.1) Update to IALA VTS documentation on adopting of revised IMO resolution on Guidelines for VTS

3. THE COUNCIL IS REQUESTED TO

NOTE the information provided in this document.


Overall status of the VTS Committee 2018-2023 Work Programme after VTS51:

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					Submitted to NCSR7, pending adoption at IMO Assembly 2021.
	1.1.1.1 Update Guideline 1089 to be in line with Revised IMO Resolution on Vessel Traffic Services post adoption.	47	49					Approved at C72, pending adoption of new 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	53				Package 1 to Council 74 for approval. Continue in next WP
	1.1.1.3 Review and update Rec V-120 to be a GL on VTS in Inland Waters (under R0119)	50	51					To Council 74 for approval.
1.1.2	Review and update V-119 on the Implementation of Vessel Traffic Services (R0119) (Output to be a revised Rec. and associated Guideline	47	50	49				Approval of R0119 and G1150 at Council 72.
1.1.3	Develop a guideline on Competencies for Planning and Implementing	47	50					Approved at C73.
1.1.4	Develop a Guideline on the Provision of Local Port Services (LPS) other than VTS	45	45					Approved at C68.
1.2.1	Review and update V-127 on Operational Procedures for Vessel Traffic Services (split into a revised Rec. and associated Guideline)	45	50					R0127 approval at C68. G1141 approved at C73.
1.2.2	Update a Guideline 1110 on Decision Support Tools for VTS Personnel (take into account emerging concepts and technologies)	49	50	51				To Council 74 for approval.
1.2.3	Develop a Guideline for Promulgating the Requirements of a VTS to Mariners – A VTS Users Guide Template	45	46					Approved at C69.
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	53				Merged with task 1.2.7. Await outcomes on MS from other parties.
1.2.5	Develop a Guideline on the implications of maritime autonomous surface ships (MASS) from a VTS perspective	50	51	53				
	1.2.5.1 Assess the implications associated with the advent of MASS on IALA Standards specifically related to the establishment and operation of VTS (scoping exercise)	51	57					To Council 74 to note new task. Continue in next WP.
1.2.6	Develop a Guideline on how to develop a safety culture in VTS	50	51	53				



Task		Start Session	Planned End Session	Revised End Session	Progress Indicator			Status Overview
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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 1.2.7.
1.2.8	Develop a IALA Reference List on IALA Documentation Relating to VTS	45	53					Update together with Task 1.4.1.
1.3.1	Update Guideline G1132 on VTS Voice Communication, including VTS standard Phrases/Phraseology	45	48	50				Approved at Council 73.
1.3.2	Develop a Recommendation Guideline on Digital information transfer between ship and shore in VTS operations (operational aspects)	51	51	53				To Council 74 to note title change.
1.3.3	Revision of IMO Resolution A.918(22) IMO Standard Marine Communication Phrases	52	58					To Council 74 to note new task. Continue next WP.
1.3.4	Revision of IMO Resolution A.954(23) Proper use of VHF channels at sea	52	58					To Council 74 to note new task. Continue next WP.
1.4.1	Continuous update of VTS Manual	46	53					Ongoing task
1.4.2	Conduct of the Global VTS Questionnaire	45	46	52				Pending data base management.
1.4.3	Prepare a "living document" on "Future VTS", including emerging technologies and human element	50						Ongoing task
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	53				Include relevant issues from both V-125 and G1105.
2.1.2	Develop a Recommendation and Guideline on Cyber-Security in AtoN operations (lead by ARM, all Committees via Workshop)	52	53					Pending workshop on cyber security in Nov 2021.
2.2.1	Review and update Recommendation V-128 on Operational and Technical Performance of VTS Systems	52	52					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	52				Split into one general GL and 9 sub-GLs.
2.2.3	Develop a Guideline on Acceptance of VTS systems	45	46	51				Merged with task 2.2.2 as one GL under G1111.



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2.2.4	Update G1130 to include cyber-security considerations	52	53					To Council 74 to note new task.
2.3.1	Develop a Product Specification under the S-100 framework for VTS	45	47	53				
2.3.2	Review and update Rec V-145 on the Inter-VTS Exchange Format (IVEF) Service (split into a revised Rec. and associated Guideline, including a product specification S-210))	50	51	53				
WG#3 –Training								
3.1.1	Develop a Guideline on human factors and ergonomics in VTS	46	49	52				
3.2.1	Develop a Guideline on the management of a VTS	45	49	51				To Council 74 for approval.
3.2.2	Review, update and reformat Guideline 1045 on Staffing Level at VTS centres	45	45					Approved at C68.
3.3.1	a. Review and split R0103 (V-103) to a Recommendation and Guideline	45	48	49				Both approved at C72.
	b. Review / update Model Course 103/1 – VTS Operator	47	51	52				
	c. Review / update Model Course V-103/2 – VTS Supervisor	52	51	52				
	d. Review / update Model Course V-103/3	51	51	53				
	e. Review / update Model Course V-103/4	53	51	53				
	f. Review / update Model Course V-103/5	53	51	53				
3.3.2	Review and update Guideline 1017 on Assessment for Recognition of Prior Learning in VTS Training	47	50					Approved at C73.
3.3.3	Produce a VTS Training Manual to complement V-103 and its model courses	48	51					C70 approved task deletion.
3.4.1	Review and update Guideline 1014 on the Accreditation and Approval to Deliver IALA VTS Model Courses	49	51					To Council 74 for approval
3.5.1	a. Develop guidance on VTS training for deck officers	45	46	47				Approved at C70.
	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