

IALA COUNCIL
75th session**30 May – 3 June 2022**
Copenhagen
Denmark**10 – TECHNICAL ACTIVITIES****10.5 – VTS****10.5.1 – VTS 52 summary report**

Note by the Secretariat

1. INTRODUCTION

The 52nd meeting of the VTS Committee was held virtually from 30 March - 13 April 2022. During the meeting, 155 Participants from 30 countries participated. 18 participants attended for the first time.

The VTS Committee considered 75 input papers and produced 41 output papers, including working papers, from three Working Groups.

The overall status of the committee has been annexed to this document.

2. OUTPUTS FOR APPROVAL

One draft recommendation has been finalised for the Council approval.

- C75-10.5.2 (VTS52-13.1.1.2) Revised Recommendation R0119 Establishment of a VTS

Two draft Guidelines have been finalised for the Council approval.

- C75-10.5.3 (VTS52-13.1.1.3) Revised Guideline G1150 Establishing Planning and implementing a VTS
- C75-10.5.4 (VTS52-13.1.3.1) Draft new Guideline on Human Factors and Ergonomics in VTS

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 VTS52:

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 Council 72, 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 approved at Council 74.
	1.1.1.3 Review and update Rec V-120 to be a GL on VTS in Inland Waters (under R0119)	50	51					Approved at Council 74.
	Consider relevant VTS documents to be revised/updated next WP	52	53					
1.1.2	I. Review and update V-119 on the Implementation of Vessel Traffic Services (R0119) (Output to be a revised Recommendation and associated Guideline 1050 on the Establishment of VTS)	47	50	49				Approval of R0119 and G1150 at Council 72.
	II. Review and update Recommendation R0119 Establishment of a VTS and Guideline G1150 Establishing Planning and implementing a VTS	52	52					To Council 75 for approval.
1.1.3	Develop a guideline on Competencies for Planning and Implementing	47	50					Approved at Council 73.
1.1.4	Develop a Guideline on the Provision of Local Port Services (LPS) other than VTS	45						Completed at 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	50					R0127 approval at C68. G1141 approved at Council 73.
1.2.2	Update a Guideline 1110 on Decision Support Tools for VTS Personnel (take into account emerging concepts and technologies)	49	50	51				Approved at Council 74.
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	>53				Draft MS on VTS for input to IMO/NCSR has been developed. Continue in next WP.



Task		Start Session	Planned End Session	Revised End Session	Progress Indicator			Status Overview
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1.2.5	Develop a Guideline on the implications of maritime autonomous surface ships (MASS) from a VTS perspective	50	51	>53				Continue in next WP.
1.2.5.1	To assess the implications associated with the advent of MASS on IALA Standards specifically related to the establishment and operation of VTS (scoping exercise)	51	>53					Continue in next WP.
1.2.6	Develop a Guideline on how to develop a safety culture in VTS	50	>53					
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	49					Task discontinued. (Covered by the Secretariat)
1.2.9	Revise R0125 and split into a Rec + GL. Relevant parts of R1014 (Portrayal of VTS Information and Data) to be incorporated into R0125.			>53				Task to be moved to next WP.
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 guidance on VTS Digital communications (operational aspects)	51	51	53				To Council 75 to note title change.
1.3.3	Revision of IMO Resolution A.918(22) IMO Standard Marine Communication Phrases	52	>53					Continue next WP.
1.3.4	Revision of IMO Resolution A.954(23) Proper use of VHF channels at sea	52	>53					. 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	53				Pending data base management.
1.4.3	Prepare a "living document" on "Future VTS", including emerging technologies and human element	50	>53					Ongoing task. Continue next WP.
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					



Task		Start Session	Planned End Session	Revised End Session	Progress Indicator			Status Overview
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2.2.1	Review and update Recommendation V-128 on Operational and Technical Performance of VTS Systems	52	52	53				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	53				Split into one general GL and 9 sub-GLs.
	2.2.2 a – j Develop 9 Sub-GL under G1111	45	52	53				
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
2.7.1	Update G1130 (Technical aspects of information exchange between VTS and allied or other services) to include cyber-security considerations	53	53					
2.3.1	Develop a Product Specification under the S-100 framework for VTS	45	47	>53				Continue next WP.
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	>53				Continue next WP.
WG#3 –Training								
3.1.1	Develop a Guideline on human factors and ergonomics in VTS	46	49	52				To Council 75 for approval.
3.2.1	Develop a Guideline on the management of a VTS	45	49	51				Approved at Council 74.
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. Approved at Council 72.
	b. Review / update Model Course 103/1 – VTS Operator	47	51	>53				Continue next WP.
	c. Review / update Model Course V-103/2 – VTS Supervisor	52	51	>53				Continue next WP.
	d. Review / update Model Course V-103/3	51	51	>53				Continue next WP.
	e. Review / update Model Course V-103/4	53	51	>53				Continue next WP.
	f. Review / update Model Course V-103/5	53	51	>53				Continue next WP.



Task		Start Session	Planned End Session	Revised End Session	Progress Indicator			Status Overview
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3.3.2	Review and update Guideline 1017 on Assessment for Recognition of Prior Learning in VTS Training	47	50					Approved at Council 73.
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					Approved at Council 74.
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 Council 72.

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