IALA COUNCIL
72ⁿᵈ session

IALA

8-10 December 2020
Video conference

11 – TECHNICAL ACTIVITIES

11.4 – VTS

11.4.1 – VTS49 summary report

Note by the Secretariat

1. INTRODUCTION

The 49th meeting of the VTS Committee was held virtually from 21 September to 15 October 2020. 172 Participants from 34 countries, four Sister organisations participated in VTS49. 67 participants attended for the first time.

As VTS48 was cancelled due to the Covid-19 crisis and consequently this was the fourth meeting for the 2018-2022 Work Programme and the VTS Committee considered 97 input papers, with many being carried forward from the cancelled VTS48, and produced 27 output papers from three Working Groups. Please refer to the annex for the overall status.

2. OUTPUTS FOR APPROVAL

Three draft Recommendations have been finalised for the Council approval.

- C72-11.4.2(VTS49-12.1.1.2) Revised Recommendation R0119 on the Implementation of Vessel Traffic Services.

- C72-11.4.3(VTS49-12.1.3.1) Revised Recommendation R0103 (V-103) on training and certification of VTS personnel.

- C72-11.4.4(VTS49-12.1.3.3) Draft Recommendation on Marine Aids to Navigation Awareness for Mariners.

Three draft Guidelines have been finalised for the Council approval.

- C72-11.4.5(VTS49-12.1.1.1) Revised Guideline G1089 - Provision of a VTS

- C72-11.4.6(VTS49-11.1.1.3) Revised Guideline G1150 on Establishing, planning and implementing of VTS.

- C72-11.4.7(VTS49-11.1.3.2) Draft Guideline on Recruitment, training and certification of VTS personnel.

3. THE COUNCIL IS REQUESTED TO

NOTE the information provided in this document.

Annex

Overall status of the VTS Committee 2018-2022 Work Programme after VTS49:

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					Completed by the Committee
	1.1.1.1 Update Guideline 1089 to be in line with Revised IMO Resolution on Vessel Traffic Services post adoption.	47	49		Green			For approval to Council
	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	50		Green			Preparations of IALA documents ongoing.
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)	47	50	49				Both for approval to Council
1.1.3	Develop guidance on training needs for those involved in the planning and implementation of a VTS.	48	49	50	Green			
1.1.4	Develop a Guideline on the Provision of Local Port Services (LPS)	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	51		Green			Revision ongoing
1.2.2	Update Guideline 1110 on Decision Support Tools for VTS Personnel (take into account emerging concepts and technologies)	49	50	51		Yellow		
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	Develop a Guideline on Maritime Services in the context of e-Navigation relating to VTS	45	50		Green			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 from a VTS perspective	50	51					
1.2.6	Develop a Guideline on how to develop a safety culture in VTS	50	51					
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
1.2.8	Develop a IALA Reference List on IALA Documentation Relating to VTS	45						Continued update by Sec.
1.3.1	Develop a Guideline on VTS Voice Communications, Phrases/Phraseology	45	48	50		Yellow		
1.3.2	Develop a Recommendation on Digital information transfer between ship and shore in VTS operations (operational aspects)	50	51					

Task		Start Session	Planned End Session	Revised End Session	Progress Indicator			Status Overview
					Green	Yellow	Red	
1.4.1	Update and publish the VTS Manual and develop related procedures for its future management	46	48	49				Completed at VTS49
1.4.2	Develop procedures for the ongoing management and conduct of the Global VTS Questionnaire	45	46	51		▓		Pending data base management
1.4.3	Prepare a "living document" on "Future VTS", including emerging technologies and human element	50	51			▓		Start session postponed due to VTS48 cancellation
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	50		▓		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		▓		Waiting for workshop on cyber security in Oct.2021
2.2.1	Review and update Recommendation V-128 on Operational and Technical Performance of VTS Systems	49	51					Start session postponed due to VTS48 cancellation
2.2.2	Review and update Guideline 1111 on Preparation of Operational and Technical Performance Requirements for VTS Systems	45	48	51		▓		Split into one general GL and nine specific GL
2.2.3	Develop a Guidelineon Acceptance of VTS systems	45	46	51		▓		One specific GL under G.1111
2.3.1	Develop a Product Specification under the S-100 framework for VTS	45	47	51		▓		Liasion note to ARM and ENAV on S212 referencing to other S100 product specification
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)	50	51					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	▓			
3.2.1	Develop a Guideline on the management of a VTS	45	49	50	▓			
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 for approval to Council
	b. Review / update Model Course V-103/1 – VTS Operator	49	51		▓			
	c. Review / update Model Course V-103/2 – VTS Supervisor	50	51					

Task		Start Session	Planned End Session	Revised End Session	Progress Indicator			Status Overview
					Green	**Yellow**	**Red**	
	d. Review / update Model Courses V-103/3; 103/4; 103/5	50	51					
3.3.2	Review and update Guideline 1017 on Assessment of Training Requirements for Existing VTS Personnel, Candidate VTS Operators, Revalidation of VTS Operator Certificates	47	50		██			Sec to note new title of GL 1017 Assessment of Training for VTS
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		██			To Council for approval

Legend:

Green – progress as planned

Yellow – task needs more time, target time prolonged

Red – task needs more time, target time prolonged

Grey - task completed / deleted

Blank – task not started