

IALA COUNCIL 69th session



18-21 June 2019
Rotterdam
The Netherlands

11 – TECHNICAL ACTIVITIES

11.4 – VTS

11.4.1 – VTS46 summary report

Note by the Secretariat

The 46th Session of the VTS Committee was held at the Westin Chosun Hotel in Busan, Republic of Korea between the 25 February and 1 March 2019. The meeting was hosted by the Korea Coast Guard who also arranged a technical tour and social programme.

101 Participants from 25 countries, 3 Sister organisations and 4 observers participated in VTS46.

This was the second meeting for the 2018-2022 Work Programme and the VTS Committee considered 55 input papers and produced seven output papers of three Working Groups.

Key outputs included:

- **Guideline on promulgating the requirements of a VTS to mariners** - The draft *Guideline on Promulgating the Requirements of a VTS to Mariners, a VTS Users Guide Template* (Task 1.2.3) was completed and forwarded to Council for approval.
- **Revision of IMO Guidelines for Vessel Traffic Services** – Based on the input from the Correspondence Group (Revision of IMO Guidelines for VTS) and advice from the IMO Secretariat, significant progress was made with regards to the revision of IMO Resolution A.857(20) Guidelines for Vessel Traffic Services (Task 1.1.1).

The Committee is of the view that it is now a mature document and, noting the *Seminar on the Revision of the IMO Resolution A.857(20) Guidelines for Vessel Traffic Services* in June 2019, the preliminary draft will be completed at VTS47 for submission to the IMO for its consideration during the 2019-2020 biennium.

The Committee was very grateful for the valuable input provided by a representative from the IMO Secretariat.

The following liaison notes were prepared:

- To Council to:
 - Note the progress by the VTS Committee in preparing the draft revision of IMO Resolution A.857(20) Guidelines for Vessel Traffic Services for input to NCSR 7 in late 2019 for its consideration during the 2019-2020 biennium.
 - Approve the draft revision as input to the *Seminar on the Revision of the IMO Resolution A.857(20) Guidelines for Vessel Traffic Services* in June 2019 (VTS46-13.2.5).
 - Forward the draft revision to Council members seeking preliminary support from potential co-sponsors to the submission to NCSR 7 following VTS47 in September.
- To Council to approve an input paper to MSC101, requesting the Committee to:
 - Note the tasks being undertaken by IALA and the progress made with the revision of the Guidelines for VTS; and



- Invite interested Member States and international organisations to participate in the “IALA Seminar on the revision of Guidelines for vessel traffic services (resolution A.857(20))” to be held in June 2019.
- To ENAV23 on ‘reach out for new technologies’; and
- To the ENAV and ARM Committees on the review of the draft guideline on Maritime Services in the context of E-navigation.



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Overall status of the VTS Committee 2018-2022 Work Programme after VTS46:

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					
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					
1.1.3	Develop a Guideline on training needs for those involved in the planning and implementation of a VTS	48	49					To Council to note task name change
1.1.4	Develop Guideline on the Provision of Local Port Services (LPS)	45						Completed G1142
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					Split into R0127 and G1141 completed GL Revision ongoing
1.2.2	Update Guideline 1110 on Decision Support Tools for VTS Personnel (take into account emerging concepts and technologies)	49	50					
1.2.3	Develop a Guideline for Promulgating the Requirements of a VTS to Mariners – A VTS Users Guide Template	45	46					To Council for approval
1.2.4	Develop Guideline on Maritime Services in the context of e-Navigation relating to VTS	45	50					To Council to note task name change
1.2.5	Develop a Guideline on the implications of maritime autonomous surface ships from a VTS perspective	50	51					



Task		Start Session	Planned End Session	Revised End Session	Progress Indicator			Status Overview
					Green	Yellow	Red	
1.2.6	Develop 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					
1.2.8	Develop a IALA Reference List on IALA Documentation Relating to VTS	45						Completed Continued update by Sec.
1.3.1	Develop Guideline on VTS Voice Communications, Phrases/Phraseology	45	48					
1.3.2	Develop Recommendation on Digital information transfer between ship and shore in VTS operations (Operational aspects)	50	51					
1.4.1	Update and publish the VTS Manual and develop related procedures for its future management	46	48					Coord Group established
1.4.2	Develop procedures for the ongoing management and conduct of the Global VTS Questionnaire	45	46					Coord Group established
1.4.3	Prepare a "living document" on "Future VTS", including emerging technologies and human element	49	51					
1.4.4	Produce a Guideline on preparing for Zero Accident Campaign							On hold pending IMO decision Note to Council: 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					
2.1.2	Develop Recommendation on Cyber-Security (lead ENG, all Committees via Workshop)	47	50					
2.2.1	Review and update Recommendation V-128 on Operational and Technical Performance of VTS Systems	48	51					
2.2.2	Review and update Guideline 1111 on Preparation of Operational and Technical Performance Requirements for VTS Systems	45	48					



Task		Start Session	Planned End Session	Revised End Session	Progress Indicator			Status Overview
					Green	Yellow	Red	
2.2.3	Develop Guidance on the technical acceptance of a VTS system	45	46	48				Split into one general GL and one specific GL on radar etc.
2.3.1	Provide input to data models for digital information services for VTS	45	47					Extension possible due to uncertainties on data modelling task and dependencies on other tasks
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)	48	51					
WG#3 –Training								
3.1.1	Develop Guideline on human factors and ergonomics in VTS	46	49					
3.2.1	Develop Guideline on the management of a VTS	45	49					
3.2.2	Review, update and reformat Guideline 1045 on Staffing Level at VTS centres	45	47					Completed at VTS45
3.3.1	Review and update V-103 on the Standards for Training and Certification of VTS Personnel and its associated Model Courses.	45	48					
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					
3.3.3	Produce a VTS Training Manual to complement V-103 and its model courses	48	51					
3.4.1	Review and update Guideline 1014 on the Accreditation and Approval Process for VTS Training	48	51					
3.5.1	Develop guidance on VTS awareness for navigating officers	45	46	47				

Legend:

Green – progress as planned

Yellow – task needs more time, target time prolonged

Red – task needs more time, target time prolonged

Blank – task not started