

Meso American - Caribbean Sea Hydrographic Commission

Maritime Safety Information Working Group Report - 2024

MACHC MSI WG Chair – Timothy Stacy (United States)



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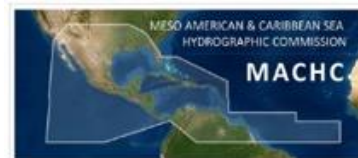
Agenda

- NAVAREA IV/XII Report to the 16th Meeting of the WWNWS-Sub Committee
- 11th IMO Navigation, Communications, and Search and Rescue Sub-Committee (NCSR 11)
 - S-124 initial discussions
 - Dissemination of MSI through the Enhanced Group Call Service
 - Updates on the NAVDAT system
- S-124 Navigational Warnings updates
 - MACHC MSI Questionnaire
- Sairdrone Action Item
- MSI Capacity Building Updates
- MACHC MSI WG Work Plan



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NAVAREA IV/XII Report to WWNWS 16

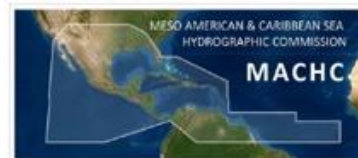
- Limits of NAVAREA IV/XII
- Operational Points of Contact for National Coordinators
- GMDSS Master Plan update
- NAVTEX Points of Contact
- NAVAREA Metrics
- IRCC SPI Updates
- S-124 Development Status
- Updates from the MACHC MSI Working Group
- Operational issues
 - Space Operations
 - NAVTEX Outages
 - EGC Coastal Regions

https://iho.int/uploads/user/Inter-Regional%20Coordination/WWNWS/WWNWS16/WWNWS16_2024_3.2-IV_XII_EN_Self%20Assessment%20NAVAREA%20IV%20XII.pdf



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IMO NCSR11

- Initial discussion on S-124 and S-100 at a whole.
- Updates to the NAVDAT Roadmap.
 - NAVDAT will not eliminate the NAVTEX system but will work alongside NAVTEX.
 - NAVDAT Coordination will be under the auspice of the IMO NAVTEX Coordinating Panel.
 - Determine if NAVDAT **can support the S-100 data model for providing maritime safety information** to ships at sea, for navigational warnings, meteorological warnings and forecasts and ice information. Can it support the volume of information?
 - Engage with the **IHO** and WMO on the development of guidelines and procedures for the integration process, including a NAVDAT manual and operational implementation plan as a component of the **WWNWS** and WWMIWS.



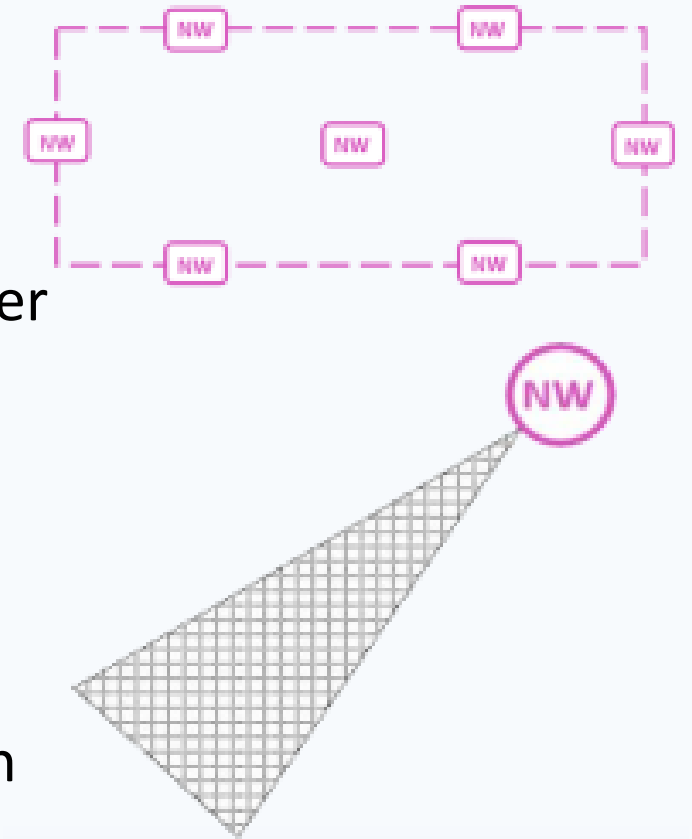
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S-124 Navigational Warnings

- S-124 Project Team (PT) chaired by Canada
 - WNWWS-SC endorsed S-124 version 2.0 (operational standard) in November 2024
 - S-124 v2.0 will gain full approval through HSSC circular letter
 - Participate in the S-124 Project Team
 - Data Classification and Encoding Guide
 - Develop test cases
 - Test review sessions
 - Validation Checks
 - Development of the MACHC S-124 implementation plan
 - MACHC S-124 Questionnaire



Saildrone Action Item

Action 13.1	MACHC24	MSIWG Chair to report whether a NAVAREA should issue a Nav Warning for a Saildrone when it is operating within its NAVAREA	MSIWG Chair	Mar 24	
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- WWNWS-SC reached consensus that sail drones are not normally suitable for a navigational warnings but reminds all MSI providers to use their best judgement.
- **MACHC MSI WG recommends closing Action 13.1 from MACHC24**



MACHC MSI Capacity Building Opportunities

- Attend the MACHC MSI WG Meetings
 - Virtual MSI Training Seminar – October 2025
 - Same modules as taught in the in-person MSI course.
 - Potential practical exercises and tabletop exercises in the future.
- MSI Capacity Building Material to be added to the IHO E-Learning Portal
 - On demand training when it is convenient to the MSI provider
- Future “advanced” version of the MSI course to be developed.
 - Adding e-navigation and S-124 to MSI learning materials.



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MACHC MSI WG Vice Chair

- The British Virgin Islands have graciously volunteered to serve as the Vice-Chair of the MACHC MSI Working Group.



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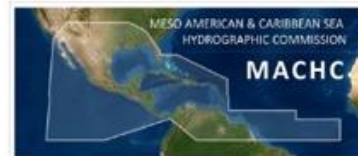
MACHC MSI WG Work Plan

2	Election of Chair/Vice Chair of MSI WG	<ul style="list-style-type: none"> *Members of the MSIWG to accept nominations *Members of MSIWG to vote on Chair/Vice Chair Positions (If Needed), *Bring results to wider MACHC 	12-Dec-23	05-Dec-24	C
3	MSIWG to develop a list of additional tasks needed to support MSI promulgation and development within the MACHC region	<ul style="list-style-type: none"> *Determine the subjects to be covered by meetings of the MACHC MSIWG, *Develop list; *Use list to determine agenda of further 	12-Dec-23		O
4	MSIWG to develop a S-124 plan for the MACHC	<ul style="list-style-type: none"> *Determine the S-124 requirements for the MACHC Region *Determine the means of coastal states to produce s-124; *Develop an implementation plan in accordance with IMO/IHO guidelines 	12-Dec-23		O



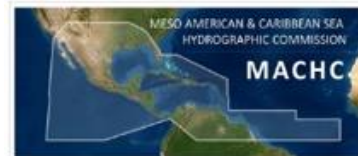
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MACHC MSI WG Work Plan Cont.

5	Conduct Bi-Annual MSIWG Meetings	<ul style="list-style-type: none"> *Plan a intersessional MSI WG meeting via telecon; *Plan one in person meeting prior to the MACHC meeting; * Determine if more MSIWG Meetings are necessary to accomplish the objectives and work 	12-Dec-23		0
6	Conduct Annual Virtual MSI Capacity Building Seminar	<ul style="list-style-type: none"> *Plan a intersessional MSI WG meeting via telecon; *Dedicate meeting to reviewing MSI, MSI Policy and Guidance Documentation, and practical exercises *Report back to MSI WG and WWNWS-SC 	03-Dec-24		P



Actions for MACHC

- Note the report,
- Encourage National MSI Coordinators to update the MSI point of contact for your country and report changes to NAVAREA IV/XII at navsafety@nga.mil,
- Approve the updated MACHC MSI WG Workplan for the upcoming year.



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