

MSI Assessment for NAVAREA IV/XII

Reporting period from 1st Jan 2021 to 31th December 2022

Submitted by United States/NGA

SUMMARY

Executive Summary: Synopsis of activities within NAVAREA IV/XII within the reporting period.

Action to be taken: For the subcommittee to please note the report.

Related documents: None

1. General information:

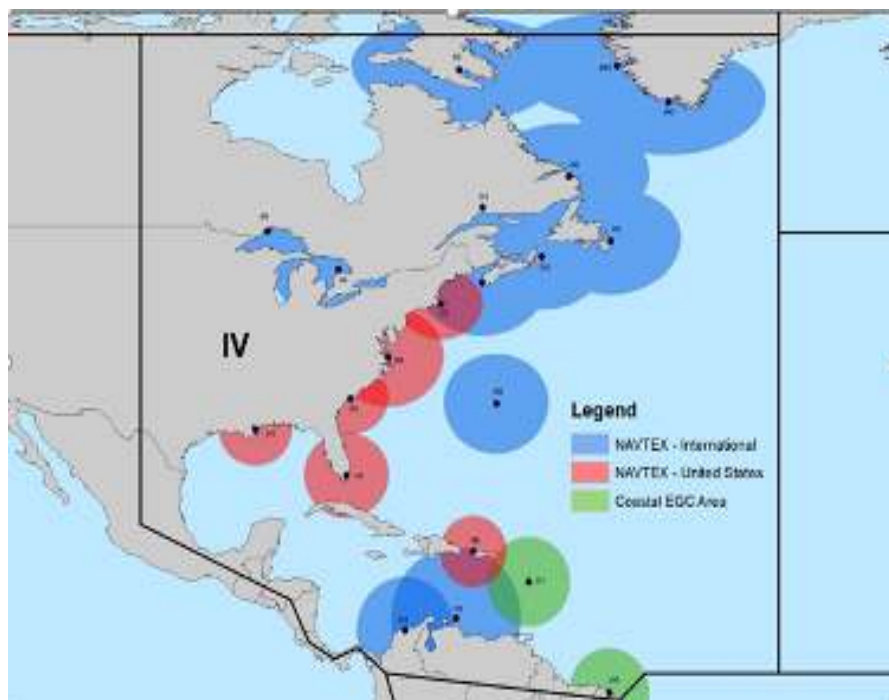
1.1. Geographic Boundaries of the NAVAREA including boundaries for any coastal warning Areas and NAVTEX Stations:

Limits of NAVAREA IV:

From the east coast boundary of French Guiana to 07-00N out to 035-00W, from there to 067-00N and the coastline of Greenland, following 067-00N to the coastline of Canada (Baffin Islands area).

Primary Inmarsat EGC Satellite used for broadcast: AOR-E

Broadcast Times: 1000 UTC and 2200 UTC daily

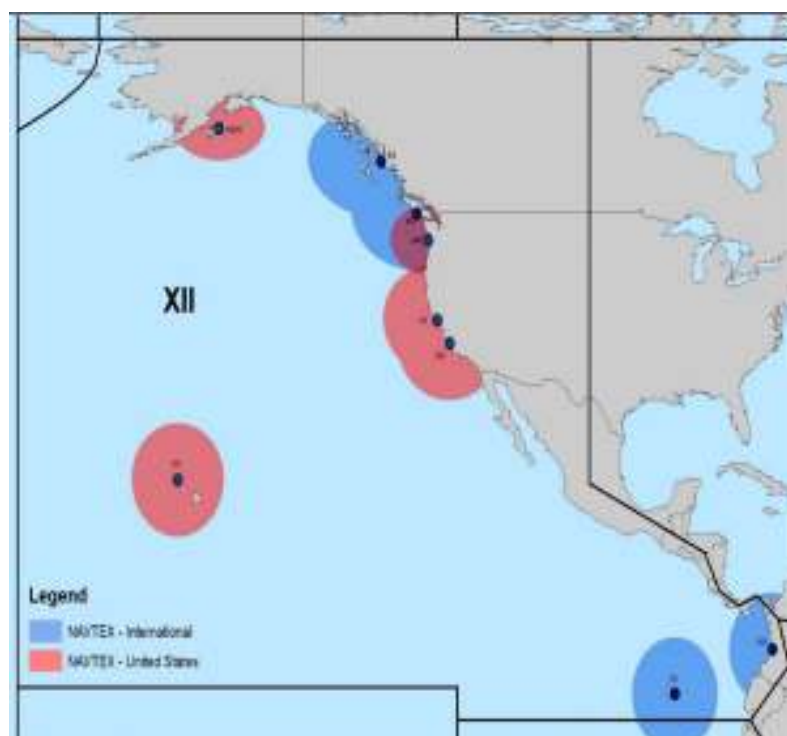


Limits of NAVAREA XII

From the coastline at 03-24S to 120-00W, then to 00-00, then to 180-00, then to 50-00N, and then following the International Date Line to 67-00N.

Primary Inmarsat EGC satellites used for broadcast: AOR-W, POR

Broadcast Times: 1030 UTC and 2230 UTC daily



1.2. Operational Points of Contact for National Co-ordinators within NAVAREA IV/XII. Changes since WWNWS14 are listed in bold text.

COUNTRY	INSTITUTION/ NAME	TELEPHONE	FACSIMILE	EMAIL
Anguilla	Sharmer Flemming	+1 264 497 2651		Sharmar.Fleming@gov.ai
Antigua & Barbuda	Darion Lake	+1 268 462 1273	+1 268 462 2510	dlake@abregistry.ag
Aruba	Dutch Caribbean Coast Guard	+59 99 463 7738		N.silvacostada@midef.nl
Bahamas				
Barbados	George Fergusson	+246 434 6100		kfergusson@barbadossport.com
Belize	Martin McCord	+501 223 0717		mmcord@portauthority.bz
Bermuda	Steven Pegg	+471 297 1010		sjpegg@gov.bm
Bonaire	Dutch Caribbean Coast Guard			N.silvacostada@midef.nl
British Virgin Islands	Nitin Satpute	+1 284 393 0000		vishipping@bvimaritime.vg

Canada	NAVAREA XVII/XVIII Coordinator	+1 343-548-1868		valerie.marquette@dfo-mpo.ca
Canada	MCTS Iqaluit	+1 867 979 5724	+1 867 979 4264	iqanordreg@innav.gc.ca
Canada	JRCC Halifax	+1 902 427 8200	+1 902 427 2114	jrcchalifax@sarnet.dnd.ca
Canada	MCTS Prescott	+1 613 925 0666	+1 613 925 4519	navarea17.18@innav.gc.ca
Cayman Islands	Darren Kelly	+345 244 6608		Darren.kelly@gov.ky
Colombia	Jannuer Andres Cote Garcia	+57 669 4465 ext. 5142-4121		acote@dimar.mil.co
Costa Rica				
Cuba	Hydrography and Geodetic National Office of Cuba	+53 7209 0926		hg@unicom.co.cu
Curacao	Dutch Caribbean Coast Guard	+599 463 7738		N.silvacostada@midef.nl
Dominica	Marshall Alexander	+1 767 225 6995		metoffice@cwdom.dm
Dominican Republic	Primitivo Lopez	+809 602 6525		avisosnauticosshard@academia naval.edu.do
Ecuador	Instituto Oceanografico y Antartico de la armada			inocar@inocar.mil.ec
El Salvador	Jesus Alfonso Villalta Diaz	+503 2593 5497		jesus.villalta@cnr.gob.sv
French Antilles Coastal Area (C)	JOC FAA	+596 596 39 57 20		Faa-centops-permanence@def.gouv.fr
French Guiana Coastal Area (A)		+594 (0)5 94 39 56 69	+594 (0)5 94 39 55 85	Nauticinfor.guyane@netfag.fr
Greenland	Aasiaat Radio	+299 130 000/ +299 389 545		oyr@tusass.gl
Greenland	JRCC Greenland	+299 364 010/ +299 364 000		jrcc@jrcc.gl
Grenada	Ian Noel/ Franklyn Redhead	+1 473 4403013 +1 473 4407678	+1 473 440 3418	grenport@spiceisle.com
Guatemala	LTJG Roger Alexander Valenzuela Jaimes	+502 5979 2691		hidrografia@dgam.gob.gt
Guadeloupe	CDR Come Deroide	+596 (0)5 96 39 57 20		Come.deroide@intradef.gouv.fr

Guyana	Troy Clarke/Darrell Fraser	+592 653 2129 +592 226 0860		tclarke@marad.gov.gy surveys@marad.gov.gy
Haiti	Frenold Cheristin	+509 2816 1630		frenoldcheristin@gmail.com
Honduras	Javier Nectaly Diaz	+504 9888 9840		Javiedr_hn@yahoo.com ndiaz@enp.hn
Jamaica	Henry Tomlinson	+876 379 7169	+876 922 5765	htomlinson@jamaicaships.com
Martinique	CDR Come Deroide	+596 (0)5 96 39 57 20		Come.deroide@intradef.gouv.fr
Mexico	Francisco Javier Ramirez Sario	+1 55 56246500 EXT: 7230	+1 562 46500	digaohm.navegacion@semar.gob.mx
Montserrat	George Green Dillon Weekes	+1 664 491 2791		Marine.department@mpa.ms
Nicaragua				
Panama	Jonathan Guerini	+507 501 5151		jguerini@amp.gob.pa
Puerto Rico	US Coast Guard Sector San Juan	+787 729 6800		ssjcc@uscg.mil
Saint Lucia	Christopher Alexander	+758 457 6152		Christopher.alexander@slaspa.com
Saba	Dutch Caribbean Coast Guard	+599 463 7738		N.silvacostada@midef.nl
Sint Maarten	Dutch Caribbean Coast Guard	+599 463 7738		N.silvacostada@midef.nl
St. Eustatius	Dutch Caribbean Coast Guard	+599 463 7738		N.silvacostada@midef.nl
St. Kitts & Nevis	Wayne Edmeade	+1869 467 1848		wayne.edmeade@gov.kn maritimeaffairsskn@gov.kn
Saint-Barthelemy	CDR Come Deroide	+596 (0)5 96 39 57 20		Come.deroide@intradef.gouv.fr
Saint-Martin	CDR Come Deroide	+596 (0)5 96 39 57 20		Come.deroide@intradef.gouv.fr
St. Vincent and the Grenadines	Hyrone Johnson	+1 784 456 1378	+1 784 451 2445	svgmarad@gmail.com
Suriname	Christy Warmoen	+597 476733		ossed@mas.sr
Turks and Caicos	Trevor Williams			vtwilliams@gov.tv
Trinidad and Tobago	Ralph Boland			solmsd@gov.tt
United States	US Coast Guard Communication Command	+1 757 421 6240		
United States	US Coast Guard District 1	+1 617 223 8555	+617 223 8117	d01-smb-d1cmdcenter@uscg.mil
United States	US Coast Guard District 5	+1 757 398 6231	+757 398 6392	d05-smb-d5cg@uscg.mil
United States	US Coast Guard District 7	+1 305 415 6800	+305 415 6809	d07-smbcmdcenter@uscg.mil
United States	US Coast Guard District 8	+1 504 589 6225	+504 589 2148	d08-comandcenter@uscg.mil

United States	US Coast Guard District 11	+1 510 437 3701	+510 437 3017	F
United States	US Coast Guard District 13	+1 206 220 7001	+206 220 7009	D13cc@uscg.mil
United States	US Coast Guard District 14	+1 808 535 3333	+808 535 3338	jrcchonolulu@uscg.mil
United States	US Coast Guard District 17	+1 907 463 2000	+907 463 2023	jrccjuneau@uscg.mil
United States	US Coast Guard Headquarters	+1 202 475 3537		Patrick.J.Gallagher@uscg.mil
United States	International Ice Patrol	+1 860 271 2626	+860 271 2773	iipcomms@uscg.mil
Venezuela	Serviceo De Hidrografia oceanografia meteorologia y cartografiado nautico		+212 353 16 41	Serviciohidrografico@gmail.com

1.3. GMDSS Master Plan:

In this reporting period there was a change to the Columbia Santa Marta and Buenaventura NAVTEX stations to reflect their operational status on 518 Mhz. Additionally there were minor positional changes to NAVTEX stations in the United States. There were no changes to NAVAREA IV/XII's operational status regarding the Iridium SafetyCast Service.

2. NAVAREA EGC broadcast and monitoring equipment or software:

Monitoring Equipment/Software <i>Examples</i>	Broadcast schedule/Satellite <i>Examples</i>	Manufacturer/Location (LES)/Implementation <i>Examples</i>
TT-3027M (Virginia) EasyMail 2.02 Build 006	1000 and 2200, AOR-E NAVAREA IV	COBHAM SAILOR 6120/ SafetyNET II
TT-3027M (Virginia) EasyMail 2.02 Build 006	1030 and 2230, AOR-W NAVAREA XII	COBHAM SAILOR 6120/ SafetyNET II
TT-3027M (Missouri) EasyMail 2.02 Build 006	1000 and 2200, AOR-E NAVAREA IV	COBHAM SAILOR 6120/ SafetyNET II
TT-3027M (Missouri) EasyMail 2.02 Build 006	1030 and 2230, AOR-W NAVAREA XII	COBHAM SAILOR 6120/ SafetyNET II
TT-3027M (Hawaii) EasyMail 2.02 Build 006	1030 and 2230, POR NAVAREA XII	COBHAM SAILOR 6120/ SafetyNET II
TT-3027M (Hawaii) EasyMail 2.02 Build 006	1030 and 2230, POR NAVAREA XII	COBHAM SAILOR 6120/ SafetyNET II

2.1. Details of EGC services:

<i>TT-3027M (Molesworth) EasyMail 2.02 Build 006</i>	<i>1000 and 2200, IOR NAVAREA IV</i>	<i>COBHAM SAILOR 6120/ SafetyNET II</i>
<i>TT-3027M (Molesworth) EasyMail 2.02 Build 006</i>	<i>1000 and 2200, IOR NAVAREA IV</i>	<i>COBHAM SAILOR 6120/ SafetyNET II</i>
<i>TT-3027M</i>		<i>Thrane and Thrane / EasyMail 2.02</i>
<i>SafetyNET II web interface</i>		<i>Inmarsat</i>
<i>LT-3100</i>		<i>Lars Thrane</i>
<i>Iridium SafetyCast web interface</i>		<i>Iridium</i>

NAVAREA IV/XII promulgates all navigational warnings on all IMO Recognized Mobile Satellite Service Providers (RMSS). NAVAREA IV warnings are promulgated through Inmarsat primarily over the AOR-E satellite at 1000 and 2200 UTC daily. NAVAREA XII are promulgated through Inmarsat primarily over the AOR-W and POR satellites at 1030 and 2230 UTC daily. All NAVAREA IV and XII warnings are promulgated on Iridium SafetyCast as soon as possible.

NAVAREA IV and XII are both fully operational within the Iridium SafetyCast service.

2.2. NAVTEX:

NAVAREA IV

B₁ 518 kHz	B₁ 490 kHz	NAVTEX Station	Email	Telephone	Status
<i>F</i>		<i>Boston, Massachusetts*</i>		<i>+1 757 421 6240</i>	<i>Operational</i>
<i>N</i>		<i>Portsmouth, Virginia*</i>		<i>+1 757 421 6240</i>	<i>Operational</i>
<i>E</i>		<i>Charleston, South Carolina*</i>		<i>+1 757 421 6240</i>	<i>Operational</i>
<i>A</i>		<i>Miami, Florida*</i>		<i>+1 757 421 6240</i>	<i>Operational</i>
<i>G</i>		<i>New Orleans, Louisiana*</i>		<i>+1 757 421 6240</i>	<i>Operational</i>
<i>R</i>		<i>Isabella, Puerto Rico*</i>		<i>+1 787 289 2041</i>	<i>Operational</i>
<i>T</i>	<i>S</i>	<i>Iqaluit, Canada</i>	iganordreq@innav.gc.ca	<i>+1 897 979 5724</i>	<i>Operational</i>
<i>X</i>		<i>Cartwright, Canada*</i>	Safety.Labrador@innav.gc.ca	<i>+1 709 896 2252</i>	<i>Operational</i>
<i>O</i>		<i>Robin Hood Bay, Canada*</i>	Safety.Placentia@innav.gc.ca	<i>+1 709 227 2182</i>	<i>Operational</i>
<i>C</i>	<i>D</i>	<i>Moise, Canada*</i>	Safety.Escoumins@innav.gc.ca	<i>+1 418 233 2124</i>	<i>Operational</i>
<i>Q</i>	<i>J</i>	<i>Port Caledonia, Canada*</i>	Safety.Sydney@innav.gc.ca	<i>+1 902 564 7751</i>	<i>Operational</i>
<i>U</i>	<i>V</i>	<i>Chebogue, Canada*</i>	Supervisor.mcts-halifax@dfo-mpo.gc.ca	<i>+1 902 426 9750</i>	<i>Operational</i>
<i>H</i>		<i>Ferndale, Canada</i>	Safety.Prescott@innav.gc.ca	<i>+1 613 925 4471</i>	<i>Operational</i>
<i>P</i>		<i>Pass Lake, Canada</i>	Safety.Sarnia@innav.gc.ca	<i>+1 519 337 6221</i>	<i>Operational</i>
<i>T</i>	<i>S</i>	<i>Iqaluit, Canada</i>	iganordreq@innav.gc.ca	<i>+1 867 979 5724</i>	<i>Operational</i>

W		Kook Islands, Greenland	jrcc@jrcc.gl	+299 691 911	Operational
M		Simiutaaq, Greenland*	jrcc@jrcc.gl		Operational
C	K	Santa Marta, Colombia	navtex@dimar.mil.co	+5 66 94 465	Operational
H		Curacao, Netherlands	N.silvacostada@midef.nl	+599 463 7738	Operational
B		Bermuda, United Kingdom	sjpegg@gov.bm	+441 29 1010	Operational

*The following NAVTEX Stations are operated remotely:

- United States Stations [F,N,E,A,G,R] are controlled by USCG COMMCOM.
- Cartwright [X] is controlled by Labrador MCTS.
- Robin Hood Bay [O] is controlled by Placentia MCTS.
- Moisie [C, D] is controlled by Les Escoumins MCTS.
- Port Caledonia [Q, J] is controlled by Sydney MCTS.
- Chebogue [U, V] is controlled by Halifax MCTS.
- Ferndale [H] is controlled by Prescott MCTS
- Pass Lake [P] is controlled by Sarnia MCTS
- Simiutaaq [M] is controlled by JRCC Greenland.
- Iqaluit [T, S] is controlled by Iqaluit MCTS

NAVAREA XII

B ₁ 518 kHz	B ₁ 490 kHz	NAVTEX Station	Email	Telephone	Status
J/X		Kodiak, Alaska*		+1 757 421 6240	Operational
W		Astoria, Oregon*		+1 757 421 6240	Operational
C		San Francisco, California		+1 757 421 6240	Operational
Q		Cambria, California		+1 757 421 6240	Operational
O		Honolulu, Hawaii*		+1 757 421 6240	Operational
D		Digby Island, Canada*	supervisor.rupert@innav.gc.ca	+1 250 627 3070	Operational
H		Amphritrite Point, Canada*	supervisor.rupert@innav.gc.ca	+1 250 627 3070	Operational
O	C	Buenaventura, Colombia	navtex@dimar.mil.co	+1 709 772 2182	Operational
L	A	Ayora, Ecuador			Temporarily Suspended

*The following NAVTEX Stations are operated remotely:

- United States Stations [J, W, Q, O] are controlled by USCG COMMCOM.
- Canadian Stations [D, H] are controlled by Prince Rupert MCTS

2.3. Other methods of promulgation:

The Guam NAVTEX station, located within NAVAREA XI, is out of service until further notice. During this outage Guam has been promulgating warnings over 4209.55 kHz.

Additionally, there are two coastal EGC warning areas located in NAVAREA IV which are operated by France. Coastal Area A covers the area around French Guyana and area C covers the area in the vicinity of the French Antilles.

In addition to HF NBDP in Iqaluit, Canada also provides local and coastal warnings over VHF, MF and HF radiotelephony from all coastal MCTS Centres.

3. NAVAREA Metrics

3.1. Coastal Warnings issued by International NAVTEX or EGC coastal warning area:

Country	NAVTEX station name	B1 Character or Coastal Warning Area	Broadcast schedule times UTC (only for EGC)	Total number of warnings broadcast	Number of warnings broadcast with urgent priority (EGC) or vital (NAVTEX)	Total number of warnings broadcast, including repetitions	Broadcast data in megabytes
<i>United States</i>	<i>Boston</i>	<i>F</i>	-				
<i>United States</i>	<i>Portsmouth</i>	<i>N</i>					
<i>United States</i>	<i>Charleston</i>	<i>E</i>					
<i>United States</i>	<i>Miami</i>	<i>A</i>					
<i>United States</i>	<i>New Orleans</i>	<i>G</i>					
<i>United States</i>	<i>Isabella</i>	<i>R</i>					
<i>United States</i>	<i>Kodiak</i>	<i>J</i>					
<i>United States</i>	<i>Astoria</i>	<i>W</i>					
<i>United States</i>	<i>Point Reyes</i>	<i>C</i>					
<i>United States</i>	<i>Cambria</i>	<i>Q</i>					
<i>United States</i>	<i>Honolulu</i>	<i>O</i>					
<i>Canada</i>	<i>Iqaluit</i>	<i>T</i>					
<i>Canada</i>	<i>Cartwright</i>	<i>X</i>					
<i>Canada</i>	<i>Robin Hood Bay</i>	<i>O</i>					
<i>Canada</i>	<i>Moise</i>	<i>C</i>					
<i>Canada</i>	<i>Port Caledonia</i>	<i>Q</i>					
<i>Canada</i>	<i>Chebogue</i>	<i>U</i>					
<i>Canada</i>	<i>Ferndale</i>	<i>H</i>					
<i>Canada</i>	<i>Pass Lake</i>	<i>P</i>					
<i>Canada</i>	<i>Digby Island</i>	<i>T</i>					
<i>Canada</i>	<i>Amphritrite Point</i>	<i>X</i>					
<i>Colombia</i>	<i>Santa Marta</i>	<i>C</i>		<i>382</i>			<i>440.37</i>
<i>Colombia</i>	<i>Buenaventura</i>	<i>O</i>		<i>367</i>			<i>393.246</i>
<i>Netherlands</i>	<i>Curacao</i>	<i>H</i>					
<i>Ecuador</i>	<i>Ayora</i>	<i>L</i>					
<i>Greenland</i>	<i>Kook Islands</i>	<i>W</i>					
<i>Greenland</i>	<i>Simiutaq</i>	<i>M</i>					
<i>United Kingdom</i>	<i>Bermuda</i>	<i>B</i>	<i>N/A</i>	<i>30</i>	<i>0</i>	<i>Not Available</i>	<i>Not Available</i>
<i>France</i>		<i>A</i>					
<i>France</i>		<i>C</i>					

3.2. NAVAREA Warnings broadcasts:

Provider	2021			2022			2023*		
	Total number of warnings issued	Total number of warnings broadcast, including repetitions	Broadcast data in megabytes	Total number of warnings broadcast	Total number of warnings broadcast, including repetitions	Broadcast data in megabytes	Total number of warnings broadcast	Total number of warnings broadcast, including repetitions	Broadcast data in megabytes
<i>SafetyNet-IV</i>	1186	~1,277,322	~1596	1415	~696,819	~871	759		
<i>SafetyCast – IV</i>	427/759	1186	-	1415	1415		759	759	
<i>SafetyNet – XII</i>	733	~1,078,976	~1349	987	~653,568	~817	427		
<i>SafetyCast -XII</i>	129/604	733		987	987		427	987	

*As of the 5th of July 2023.

3.3. Urgent EGC Warnings:

NAVAREA IV has promulgated two urgent warnings in 2023. All warnings concerned icebergs outside the known limit of ice. These urgent warnings self-cancelled in 72 hours in consultation with the North American Ice Service and the International Ice Patrol.

3.4. VITAL Coastal Warnings:

Not Applicable.

3.5. In-force warnings.

3.5.1. In-force bulletins issued:

In Force Bulletins are issued every Friday at 1000 UTC for NAVAREA IV and 1030 UTC for NAVAREA XII. The text of In Force warnings that are more than 42 days old can be found on the NAVAREA IV/XII webpage <https://msi.nga.mil/NavWarnings>.

3.5.2. Requests for In-force warnings

2021	2022	2023
Total	Total	Total
917	896	365

NAVAREA IV/XII would like to note that providing a consolidated list of in force warnings directly to requesting vessels is not a burden due to automated internal processes. However, it is apparent that these requests will continue to be received, and it is clear how this service would become a burden on NAVAREA coordinators if this work had to be compiled manually.

3.6. Arctic navigational warnings broadcast by HF NBDP.

Not Applicable.

4. Operational Issues:

4.1. NAVTEX Service

NAVAREA IV and XII continues to work issues concerning aging terrestrial communications equipment. In 2022, U.S. Coast Guard Communications Command provided 345 MSI reports regarding changes to the status of U.S. NAVTEX and Remote Communication Facilities. These include both scheduled outages, unscheduled outages, and notices to cancel outages. Since the beginning of 2023 NAVTEX stations operated by the United States have had outages totalling approximately 4000 hours. This is mostly attributed to awaiting replacement parts in Miami and at Point Reyes. The United States Coast Guard promulgated Coastal Navigational Warnings over HF during the outage. The Curacao NAVTEX station has been off air since the 27th of June. NAVAREA IV is promulgating navigational warnings on their behalf as needed. If repairs go well, that station will be restored in the early fall. NAVAREA IV/XII continues to get MSI reports from Canada through their email subscription services and will issue NAVAREA IV/XII reports regarding NAVTEX service as appropriate. Canada issues their navigational warnings over HF NBDP to cover the coastal warning area in the case of a NAVTEX issue. There were no reported NAVTEX issues concerning the two stations operated by Colombia.

4.2 Meso-American and Caribbean Hydrographic MSI Working Group

The United States submitted a proposal to MACHC23 to establish of a MSI Working Group. The Hydrographic Commission approved the proposal and the MSI WG will be holding its first meeting prior to MACHC24 in Suriname.

4.3 Space Operations

The exponential rise in the amount of commercial space activity continues to be of particular concern to NAVAREA IV/XII. NAVAREA IV/XII has received 309 pieces of source from 5 NAVAREA IV/XII based authorities concerning all aspects of space operations in 2022. The work of the space activity working group was a step in the right direction in creating a uniform way in which space activity is handled through our service. We have greatly expanded our relationship with the United States Federal Aviation Administration (FAA). This has led to an increase in the knowledge of the WNWWS within the licensing department. Prospective space providers are now briefed on maritime navigational warning requirements while they are still in a prospective status. United States space providers now must provide the FAA copies of the disseminated navigational warning prior to launch. This has caused issues when dealing with multiple coastal and local warnings throughout the NAVAREA. In the past few months, space providers have provided source information to coastal and local authorities. In one particular case the navigational warning was contained as a local temporary notice to mariner and had to be researched 24 hours prior to launch. We are looking to expand on this topic through the newly established MACHC MSI Working Group.

4.4 04 A and C Coastal Areas – Iridium Service

NAVAREA IV/XII continues to monitor the broadcasts from France over coastal areas 04A and 04C. Coastal area 04A and 04C currently only broadcast over Inmarsat SafetyNET. NAVAREA IV currently duplicates this warning as a NAVAREA IV warning to the entire NAVAREA over all recognized mobile satellite providers, to ensure navigational warning coverage gaps within our NAVAREA do not exist. With NAVAREA II now operational with Iridium, NAVAREA IV/XII would hope to see coastal areas 04A and 04C broadcasting over all recognized mobile satellite service providers as soon as possible, so we can stop our duplication of efforts.

4.5 Transition to a Data Centric Production Environment

Last year, NAVAREA IV/XII migrated operations to a cloud-based database and web application (Source Maritime Automated Processing System (SMAPS)). The first year working within this system has proved to be successful with a few challenges. While the software architecture of SMAPS utilizes multiple redundant servers and databases, we did have a few outages lasting up to a few hours. In the case of an SMAPS outage we can still promulgate navigational warnings, but losing historical information led to a degradation of our watch keeping ability. Secondly, we have started the process of updating our data model to produce S-124 data sets, these changes have led to a significant amount of metadata tagging which could be potentially burdensome in an emergency situation.

5. National Co-ordinator Communication:

5.1. IRCC Strategic Performance Indicator:

NAVAREA IV/XII did not receive any MSI in 2022 or 2023 from the following Coastal States and was unable to successfully communicate with them:

Bahamas
Costa Rica
Nicaragua
Turks and Caicos

NAVAREA IV/XII did receive successful communications or MSI from 89.5% (43/48) national coordinators.

5.2. Procedures.

NAVAREA IV/XII strives to reach out to its national coordinators on a bi-annual basis. The first attempt to contact coordinators occurs in late-June or early-July of each year prior to the meeting of the IHO WWNWS-SC. The second attempt occurs in late-October prior to the Meso American and Caribbean Sea Hydrographic Commission (MACHC) meeting in early December. National coordinators are invited via email to confirm their contact information. If that fails, the NAVAREA will reach out to the national coordinator via phone if a number is available.

6. Contingency Planning:

NAVAREA IV and XII have fully redundant along with site separated NAVAREA operational systems to include: satellite transceivers, telecommunications, internet and desktop PC's. Operations are tested daily at both locations to ensure full continuity of NAVAREA operations. Additionally, the NAVAREA IV/XII watch could be stood remotely in case of emergency.

7. Capacity Building:

Prioritized list of Coastal states that need MSI training (Year of last training)

1. Bahamas (N/A)
2. Costa Rica (2019)
3. Nicaragua (2017)

The NAVAREA IV/XII Coordinator and Deputy NAVAREA IV/XII Coordinator instructed an MSI capacity building course in Cartagena de Indias, Colombia from the 26th to the 30th of September, 2022. This course supported coastal states from the countries in the areas of responsibility of the South East Pacific Regional Hydrographic Commission (SEPRHC), South West Atlantic Hydrographic Commission (SWAHC), and Meso American and Caribbean Sea Hydrographic Commission (MACHC). Since the conclusion of the course NAVAREA IV/XII has seen an increase in MSI being provided by the Dominican Republic, Guatemala, and Ecuador. This course would not have been as successful if it were not for the hard work of NAVAREA XV. NAVAREA XV translated all practical exercises into Spanish, providing the students a realistic scenario where source information would be received in Spanish, but the navigational warning would need to be translated into English for promulgation by the NAVAREA Coordinator. Lastly, Dirección General Marítima Autoridad Marítima Colombiana (DIMAR) were excellent hosts which provided outstanding support with respect to course coordination, instructional support and accommodations.

8. Other Activities:

Conferences supported by the NAVAREA IV and XII Coordinator this past year:

WWNWS14, Geneva, Switzerland – Sep 2022

MACHC23, St. Louis, Missouri – Dec 2022

IRCC 15, Tokyo, Japan – Jun 2023

IMO NCSR 10, IHO Representative, US Delegation, London, UK – May 2023

IMO MSC 106, IHO Rep, Virtual Teleconference – November 2021

IMO MSC 107, IHO Rep, Virtual Teleconference – June 2022

IHO Enhanced Group Call Coordination Panel - VTC

IHO WWNWS Document Review Working Group-Virtual Teleconference and London, UK – March and May 2023

International Ice Patrol Annual Meeting – Suitland, MD – November 2022

Radio Technical Commission for Maritime Standards – Jacksonville, FL– June 2023

NAVAREA IV/XII is active in the IMO Correspondence groups on the resolution of A.1001(17) and VDES.

9. NAVAREA Website:

<https://msi.nga.mil/NavWarnings>

How often is the information on your web site updated? Daily, Monday through Friday.
Do you display the date and time of the last update on your web site? Yes.

10. NAVAREA Contact Information:

U.S.A. (NAVAREA IV & XII)

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11. Recommendations:

None

12. Actions requested:

Note the information provided.

13. Summary:

The NAVAREA IV and XII Deputy Coordinator provided a report on NAVAREA activities in the reporting period since WWNWS14. He highlighted the challenges regarding NAVTEX equipment within the NAVAREA, updates on Space Activity effecting shipping, and the establishment of a Maritime Safety Information Working Group within the MACHC. Lastly, he discussed the successful MSI capacity building course hosted by Colombia, and thanked the NAVAREA XV coordinator for the work in translating course materials.

Annex(es):

- A. Self-Assessment Spreadsheet – NAVAREA IV
- B. Self-Assessment Spreadsheet – NAVAREA XII