

MSI Assessment for NAVAREA II

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

Submitted by France/Shom

SUMMARY

Executive Summary: Report of activities within NAVAREA II since WWNWS14

Action to be taken: Sub-committee is invited to note the report

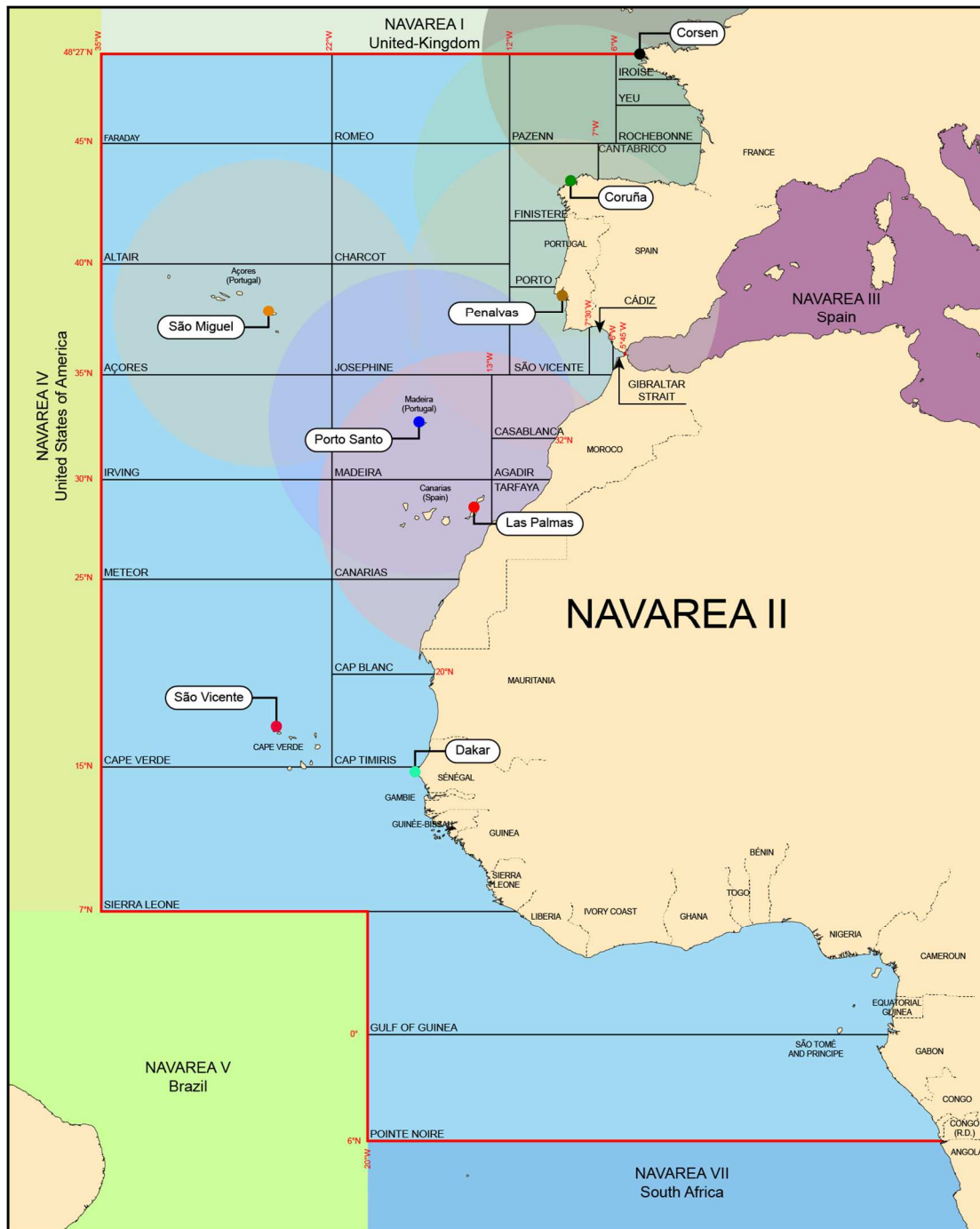
Related documents: Document WWNWS15-2-II-Annex A

1. General information:

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

NAVAREA II comprises of the waters of the East Atlantic and is bounded by lines joining the following positions:
48° 27' N — 004° 46' W (West Coast of France), 48° 27' N — 035° 00' W, 07° 00' N — 35° 00' W, 07° 00' N — 020° 00' W, 06° 00' S — 020° 00' W to, approximately 06° 00' S — 12° 25' E (West Coast of Africa : the Democratic Republic of Congo (DRC) international border with Angola).

Limit between NAVAREA II and NAVAREA III is meridian 005° 45' W.



1.2. Operational Points of Contact for National Co-ordinators within the NAVAREA

COUNTRY	INSTITUTION	TELEPHONE	FACSIMILE	EMAIL
Benin	Cotonou Port Authority	+229 21 31 52 80	+229 21 31 28 91	forces.navales.benin@gmail.com vetbos@yahoo.fr
Cabo Verde	Agencia Maritima E Portuaria Cape Verde Maritime Administration	+238 232 43 42	+238 232 43 43	armindo.graca@imp.cv
Cameroon	Douala Port Authority	+237 33 42 01 33	+237 33 42 67 97	georgescracite.menye@pad.cm

Congo	Pointe-Noire Port Authority (Hydrographic Service)	+242 94 00 52	+242 94 00 52	info@papn-cg.org
Congo (Dem. Rep.)	Directorate of Marine Affairs (Hydrographic Office)	+243 815 19 33 96 +243 813 66 33 57		coord.nat.rsmrdc@gmail.com patrickmusitumbu2@gmail.com
France (Atlantic Coast)	French Navy	+33 (0)2 98 22 06 19	+33 (0)2 98 37 76 58	combrest.infonaut@premar-atlantique.gouv.fr
Gabon	Service National de Signalisation Maritime	+241 66052111 +241 06271776 +241 62868913		departementj@gmail.com lelebertrand8@gmail.com
Gambia, The	Gambia Port Authority	+220 422 99 40 +220 997 70 38	+220 422 72 68	info@gambiaports.gm kmanneh@gambiaports.gm
Ghana	Ghana Maritime Authority	+233 271823283		marilyn.eghan@ghanamaritime.org
Guinea	Direction Nationale de la Marine Marchande (DNMM)	+224 622 21 07 02 +224 622 12 51 86 +224 622 48 10 14 +224 622 62 18 89	+224 30 41 35 77	dnmm.guinee@gmail.com dnmmgn@yahoo.fr mrsc.guinee@gmail.com
Guinea Bissau	Bissau Harbour Master	(+245) 966 786 707		albertipote@gmail.com
Ivory Coast	Abidjan Port Authority (Hydrographic Service)	+225 21 23 84 30 +225 21 23 84 31	+225 21 23 81 15	cor.navareaci@gmail.com Seydou.sangare@paa-ci.org
Liberia	MRCC Monrovia	+231 777 092229 +231 777 290158 +231 777 084 777 +231 886889738 +231 770323474		mrmrcc@lima.gov.lr mrcc.monrovia@yahoo.com
Mauritania	Ministry of Fisheries	+ (222) 45 25 61 04 + (222) 36 36 13 00	+222 525 61 04	dmm.dir@peches.gov.mr tolbamoctar@yahoo.fr tolba@mauritanie.mr
Morocco	Division Hydrographie, Océanographie, et Cartographie de la marine Royale	+212 5 22 29 40 28 +212 6 50 89 08 29		dhoc-cdiv-mr@far.ma
Nigeria	Nigerian Navy Hydrographic Office (NNHO)	+234 809 503 9888	+234 809 503 9777	msi@nnho.ng info@nnho.ng
Portugal	Instituto Hidrográfico	+351 214 401 950 +351 210 984 454	+351 214 401 954 +351 211 938 442	avisos.navegacao@marinha.pt
Senegal	MRCC Dakar	+ 221 33 826 50 01	+ 221 33 826 50 00	marinenat@orange.sn
Sierra Leone	Sierra Leone Harbour Master	+232 (0)22 22 64 80	+232 (0)22 22 64 43	sierraleoneports@yahoo.com

Spain	Salvamento Marítimo (Sasemar)	+34 917 55 91 91	+34 917 55 91 92	radioavisos.cncs@sasemar.es
Togo	Togolese Navy	+228 22 27 05 17 +228 22 23 70 80	+228 22 71 01 10	base.marine@yahoo.com

1.3. GMDSS Master Plan:

GISIS database is up to date as for 1st of July 2023.

2. NAVAREA EGC broadcast and monitoring equipment or software:

2.1. Details of EGC services:

Broadcast Equipment/Software	Broad cast schedule/Satellite	Manufacturer/Location (LES)/Implementation
SafetyNET II	0430 and 1630	Operational
Iridium SafetyCast	0430 and 1630	Operational
Monitoring Equipment/Software		Manufacturer/Software
SafetyNET II		Inmarsat
Iridium SafetyCast		Iridium
Felcom 16		Furuno

2.2. NAVTEX:

1.1. Contact details for NAVTEX stations and service areas within NAVAREA.

B ₁ 518 kHz	B ₁ 490 kHz	NAVTEX Station	Email	Telephone	Status
A	E	Corsen, France	corsen@mrccfr.eu	+33 2 988 93 131	Not operational
D	W	Coruña	radioavisos.cncs@sasemar.es	+34 917 55 91 91	Operational
C	M	Dakar	marinenat@orange.sn	+221 338 69 23 26	Not operationnal
A	I	Las Palmas	radioavisos.cncs@sasemar.es	+34 917 55 91 91	Operationnal
R	G	Penalva	comar.dir@marinha.pt	+351 210 91 94 19	Operationnal
P	M	Porto Santo	comar.dir@marinha.pt	+351 291 21 31 12	Operationnal

F	J	São Miguel	comar.dir@marinha.pt	+351 296 10 11 80	Operationnal
U	P	São Vicente	s.movemaritimo@cvtelecom.cv	+238 232 21 58	Not operationnal
G	T	Tarifa	radioavisos.cncs@sasemar.es	+34 917 55 91 91	Operationnal

1.2. Other methods of promulgation:

France is developing a national platform for nautical information named PING with the support of EU funding. The part of PING related to navigational warnings was largely carried out in the framework of the MED OSMOSIS project of the European Union. This web platform will constitute a shared information system for the transmission, formatting and digitization and posting on the Internet of nautical information.

By 2023, NAVAREA II and French regional authorities' operators in mainland France have been trained in using PING tools and most of the navigational warnings they produce are now issued from PING.

PING will be aligned with the S-124 1st edition published in July 2023 and after that its code will be open source.

PING public portal should be deployed operationally in at the end of 2023 in mainland France, then in French overseas territories.

2. NAVAREA Metrics

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

<i>1st Jan -31st Dec 2022</i>								
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 Important priority (NAVTEX)	Number of warnings broadcast with urgent priority (EGC) or vital (NAVTEX)	Total number of warnings broadcast, including repetitions	Broadcast data in megabytes
Açores (Portugal)	São Miguel	[F] [J]	N/A	507	165	02	798	
Canarias, Islas (Spain)	Las Palmas	[A] [I]	N/A	944	257	-		
Cabo Verde	São Vicente (off air since 2013)	[U] [P]	N/A	N/A	N/A	N/A	N/A	N/A
France (Atlantic Coast)	Corsen	[A] [E]	N/A	N/A	N/A	N/A	N/A	N/A
Madeira (Portugal)	Porto Santo	[P] [M]	N/A	199	15	NIL	265	
Portugal	Penalva	[R] [G]	N/A	1651	808	08	2088	
Senegal	Dakar	[C]	N/A	N/A	N/A	N/A	N/A	N/A

		[M]						
Spain (North Coast)	Coruña	[D] [W]	N/A	378	4	-		
Spain (South Coast)	Tarifa	[G] [T]	N/A	799	51	-		

<i>1st Jan – 30th Jun 2023</i>								
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 Important priority (NAVTEX)	Number of warnings broadcast with urgent priority (EGC) or vital (NAVTEX)	Total number of warnings broadcast, including repetitions	Broadcast data in megabytes
Açores (Portugal)	São Miguel	[F] [J]	N/A	157	45	03	260	
Canarias, Islas (Spain)	Las Palmas	[A] [I]	N/A	347	14			
Cabo Verde	São Vicente (off air since 2013)	[U] [P]	N/A	N/A	N/A	N/A	N/A	N/A
France (Atlantic Coast)	Corsen	[A] [E]	N/A	N/A	N/A	N/A	N/A	N/A
Madeira (Portugal)	Porto Santo	[P] [M]	N/A	114	12	01	139	
Portugal	Penalva	[R] [G]	N/A	773	390	17	982	
Senegal	Dakar	[C] [M]	N/A	N/A	N/A	N/A	N/A	N/A
Spain (North Coast)	Coruña	[D] [W]	N/A	204	1	-		
Spain (South Coast)	Tarifa	[G] [T]	N/A	330	3	-		

2.2. 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
SafetyNet							2190	3122	0.69 Mb
SafetyCast	-	-	-	-	-	-			0.038

2.3. Urgent EGC Warnings:

NAVAREA II promulgated 15 urgent warnings: 9 related to drifting large objects, 5 related to piracy attacks and 1 related to a lighthouse malfunction.

2.4. VITAL Coastal Warnings:

No detail to be provided.

2.5. In-force warnings.

2.5.1. In force bulletins issued

The "IN FORCE" bulletins are broadcast every Sunday. Mariners can access the list of NAVAREAs in force via the SHOM website (<https://diffusion.shom.fr/pro/navarea-en-vigueur>).

The bulletins in force are sent by e-mail to the ships that individually request them.

2.5.2. Requests for In-force warnings:

2021	2022	2023
Total	Total	Total
695	620	187 (JAN to JUN)

3. Operational Issues:

The NAVTEX station of Corsen is off air since July.

The coastal navigational warnings are broadcast via SafetyNet by the NAVAREA II coordinator in a circle of 300 NM centered on the Stiff lighthouse (Ushant island) at NAVAREA II scheduled times. A NAVAREA warning informs the mariners of the failure and of the ways to recover the coastal warnings (delegate coordinator website). The In-force coastal navigational warnings are also delivered with the in force NAVAREA warnings in response to the request of In-force warnings.

According to French maritime administration, the station would be replaced by April 2024.

4. National Co-ordinator Communication:

4.1. IRCC Strategic Performance Indicator:

NAVAREA II did not receive any MSI in 2022 from the following Coastal States and was unable to successfully communicate with them:

- Benin
- Equatorial Guinea
- Guinea
- Guinea Bissau
- Sao Tome and Principe
- Sierra Leone

4.2. Procedures.

The completion of the Self assessment is always used to verify the details of all points of contact within the NAVAREA II, regardless of the amount of information they might have provided during the previous month.

5. Contingency Planning:

In case of Internet network failure, the connection will be ensured by the use of a laptop, a 4G dongle and a spare email address. The correct functioning of the equipment is tested and registered every Monday.

In case of an infection such as COVID, a 3 offices organisation would be set up, one office dedicated for one shift.

An organisation note describes the management of unplanned absence and is presented to any new entrant

6. Capacity Building:

In September 2022, most (15) of the coastal states in the NAVAREA II participate in person or remotely to a 2 days regional awareness seminar : “Working with NAVAREA II and your primary charting authority” in Cabo Verde September 2022. This seminar was backed to the 2022 EAHC.

Being able to meet personally improved the professional relationships during the following months.

As no infrastructure exist in most of the national coordinators for the dissemination of MSI (NAVTEX or satellite), the capacity building effort must aim at raising awareness of the crucial role of MSI in safety of navigation among decision-makers, particularly during high-level and technical visits.

In January 2023, Shom led a technical visit to Mauritania [CBWP2023: Action A-01]. So far, technical visits to Guinea-Bissau [CBWP22: Action A-06], Sao Tomé e Príncipe [CBWP23: Action A-02] and Guinea [CBWP23: Action A-06] are still pending.

7. Other activities:

- 17th Conference of the Eastern Atlantic Hydrographic Commission (EAHC17);
- 6th IHO Council;
- 3rd Hydrographic Surveys Working Group (HSWG3);
- 23rd Conference of the Meso American & Caribbean Sea Hydrographic Commission (MACHC23);
- 20th Conference of the South West Pacific Hydrographic Commission (SWPHC20);
- 36th Conference of the North Sea Hydrographic Commission (NSHC36);
- 15th meeting of the Hydrographic Services and Standards Committee (HSSC15);
- 22nd North Indian Ocean Hydrographic Conference (NIOHC);
- 13th Worldwide ENC Database Working Group (WENDWG);
- 21st meeting of the Capacity Building Sub-Committee (CBSC21);
- 15th meeting of the Inter-Regional Coordination Committee (IRCC15);
- 3rd IHO Assembly;
- 10th session of the IMO Sub-Committee on Navigation, Communications and Search & Rescue (NCSR10);

21st Document Review Working Group (DRWG21) part 1 and 2;
IMO Correspondance Group on Dissemination of MSI and SAR-related information.

8. NAVAREA Website:

All NAVAREA II In-force warnings are available on the Shom website (<http://www.diffusion.shom.fr/navarea-en-vigueur/>). This page is updated at every scheduled broadcast, the date and time of the last update are displayed on the top.

Coastal and local navigational warnings are available on 9 French Delegated National Coordinators websites:

<http://www.premar-manche.gouv.fr/avis-urgents-aux-navigateurs.html> (in NAVAREA I area);

<http://www.premar-mediterranee.gouv.fr/avis-urgents-aux-navigateurs.html> (in NAVAREA III area);

<http://www.premar-atlantique.gouv.fr/avis-urgents-aux-navigateurs.html> (in NAVAREA I and NAVAREA II areas);

<http://infonautilles.weebly.com/> (in NAVAREA IV area);

<http://www.guyane.pref.gouv.fr/Politiques-publiques/Securite/Securite-nautique> (French Guiana, in NAVAREA IV area);

<http://www.saint-pierre-et-miquelon.developpement-durable.gouv.fr/avis-aux-navigateurs-anurnav-r107.html> (St Pierre-et-Miquelon, in NAVAREA IV area);

<http://www.mrcc.nc/information-nautique> (New Caledonia, in NAVAREA X and NAVAREA XIV areas);

<http://www.jrcc.pf/infonaut/> (French Polynesia, in NAVAREA XIV area);

<http://www.czm-reunion.defense.gouv.fr/index.php/informations-nautique> (La Reunion, in NAVAREA VII and VIII).

9. NAVAREA Contact Information:

No change

10. Actions requested:

The Sub-Committee is invited to note the report.

11. Summary:

The NAVAREA coordinator informed the WWNWS members of the capacity building actions that took place just after the last WWNWS-SC in September 2022 in Cape Verde. She also provided an update on the ongoing PING project and the expected date of return to service of the NAVTEX station of Corsen and La Garde.

Annex(es):

A. Self Assessment Spreadsheet