

MSI Self-Assessment NAVAREA II

Submitted by France

SUMMARY

Executive Summary: Report of activities within NAVAREA II since WWNWS 9

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

Related documents: None

1. Background:

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.

SafetyNET satellite: AOR-E,

LES: Burum

SafetyNET II Satellite broadcast service provider: Inmarsat

Schedule broadcast: 0430, 1630 UTC

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
Cameroon	Douala Port Authority	+237 33 42 01 33	+237 33 42 67 97	portdouala@iccn2000.com
Cabo Verde	General Directorate of Marine Affairs and Ports	+238 232 43 42 +238 232 64 75	+238 232 42 71	capitaniasv@cvtelecom.cv
Congo	Pointe-Noire Port Authority (Hydrographic Service)	+242 94 00 52	+242 94 20 42	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
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		+241 76 23 15	+241 76 48 33	No adress
Gambia, The	Gambia Port Authority	+220 422 99 40 +220 997 70 38	+220 422 72 68	info@gambiaports.com

Ghana	Ghana Port Authority	+233 (0)303 20 43 85 +233 (0)303 20 43 88	+233 (0)303 20 41 36	tema@ghanaports.net pasareansah@ghanaports.net
Guinea	Conakry Port Authority (Hydrographic Service)	+224 622 21 07 02 +224 622 12 51 86 +224 622 48 10 14	+224 30 41 35 77	dnmm.guinee@gmail.com mrsc.guinee@gmail.com
Guinea Bissau	Bissau Harbour Master	+245 20 19 84	+245 20 19 84	capitania_bissau@yahoo.com
Ivory Coast	Abidjan Port Authority (Hydrographic Service)	+225 21 23 84 63	+225 21 23 81 15	cor.navareaci@gmail.com
Liberia	MRCC Monrovia	+ 231 777 09 22 29 + 231 777 09 01 58		mrcc@lima-liberia.com mrcc.monrovia@yahoo.fr
Mauritania	Ministry of Fisheries	+222 525 78 93	+222 525 61 04	dmm.dir@peches.gov.mr
Morocco	Division Hydrographie, Océanographie, et Cartographie de la marine Royale	+212 (0)5 22 27 02 77 +212 (0)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
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.cnacs@sasemar.es http://radioavisos.salvamentomaritimo.es/
Togo	Togolese Navy	+228 22 27 05 17 +228 22 23 70 80	+228 22 71 01 10	base.marine@yahoo.com

Notes: Emails in red are inoperative and no contact has been yet established.

2. Comments:

2.1 It is constantly difficult to obtain information and even to keep in contact with some National Coordinators. To be noted, regular contacts established with Nigeria since the MSI national coordinator came to Shom (Brest) for a MSI training/visit in May 2018.

GMDSS Master Plan: no change

2.2 The following table shows equipment installed with NAVAREA II Operations Room

Equipment Type	Software Version	Date of Up-date
FURUNO – Felcom 16	VER 0-5	Jan 2015

2.3 Specifics of information and data received

2015				2016				2017			
E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text
211	16	0	235	214	8	0	93	311	3	0	107

(Text = military communications facilities)

2.4 The following table shows the number NAVAREA II warnings that were promulgated over 3year period:

2015	2016	2017
462	398	489

NAVAREA II Warnings are broadcast on SafetyNET through the AOR(E) satellite.

The following table shows NAVAREA II warnings identified as immediate priority (requiring transmission within 30 minutes):

2015		2016		2017	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
5	10 Min	36	10 Min	73	10 Min

Many ships entering the NAVAREA II area request to provide them by e-mail the text of all “in force” warnings.

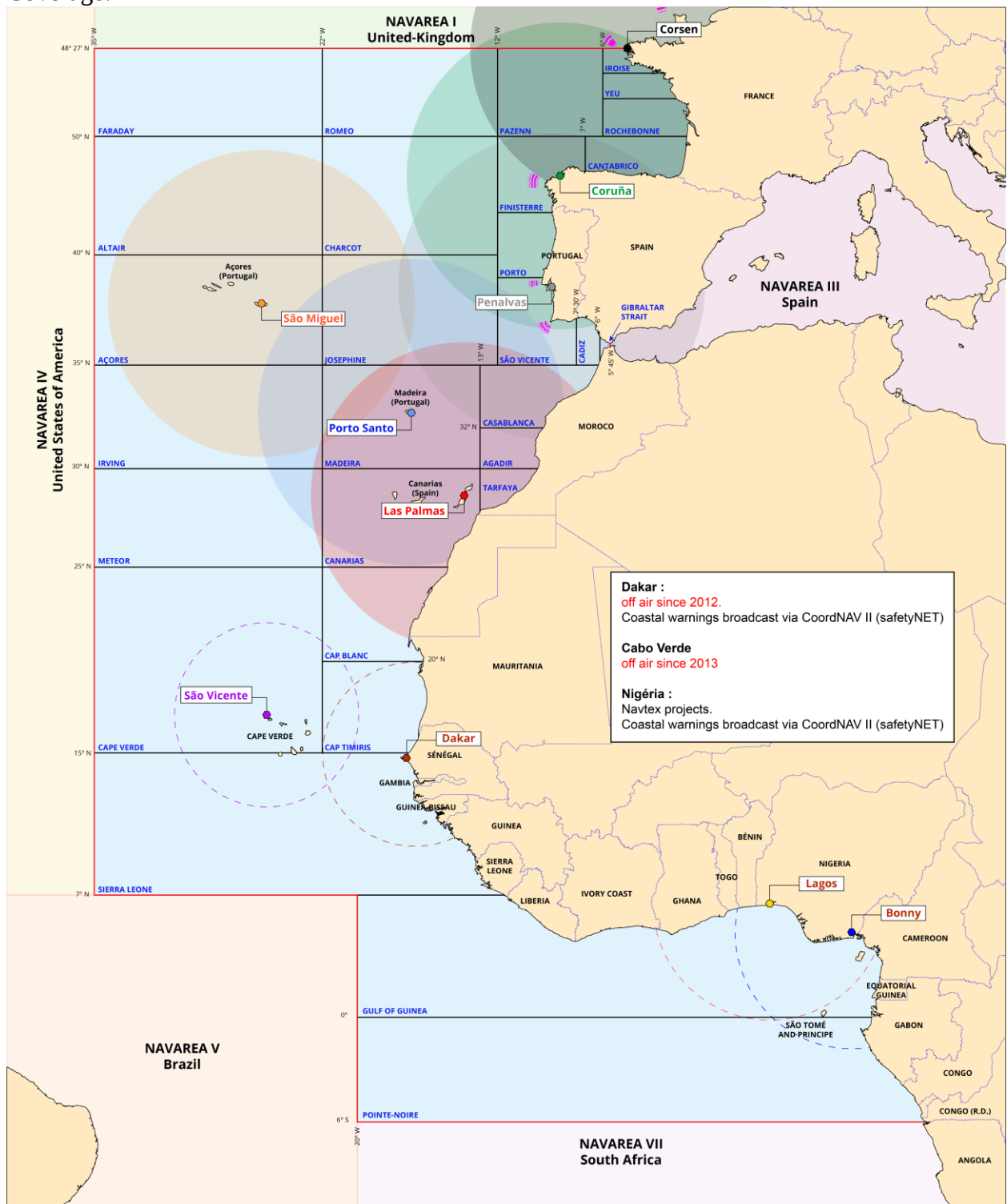
The following table shows the number of specifics requests for a list of in-force navigations warnings (re-runs)

2015	2016	2017
781	703	688

In 2018: 380 requests between 1st January and 1st July.

3. NAVTEX

Coverage:



State	Station	Ind.	E-mail / Time (UTC)	Position / Range (n miles)
Açores (Portugal)	São Miguel	[F] [J]	E-mail : comar.dir@marinha.pt 0050 - 0450 - 0850 - 1250 - 1650 - 2050 0130 - 0530 - 0930 - 1330 - 1730 - 2130 (490 kHz in Portuguese)	37° 48' N — 25° 33' W 300
Canarias, Islas (Spain)	Las Palmas	[A] [I]	E-mail : laspalmas@sasemar.es 0000 - 0400 - 0800 - 1200 - 1600 - 2000 (490 kHz in Spanish) 0120 - 0520 - 0920 - 1320 - 1720 - 2120	28° 26' N — 16° 20' W 450
Cabo Verde	São Vicente (off air since 2013)	[U] [P]	E-mail : s.movelmartimo@cvtelecom.cv 0320 - 0720 - 1120 - 1520 - 1920 - 2320 0230 - 0630 - 1030 - 1430 - 1830 - 2230 (490 kHz in Portuguese)	16° 51' N — 25° 00' W 250
France (Atlantic Coast)	Corsen	[A] [E]	E-mail : corsen@mrccfr.eu 0000 - 0400 - 0800 - 1200 - 1600 - 2000 0040 - 0440 - 0840 - 1240 - 1640 - 2040 (490 kHz in French)	48° 28' N — 5° 03' W 300
Madeira (Portugal)	Porto Santo	[P] [M]	E-mail : comar.dir@marinha.pt 0230 - 0630 - 1030 - 1430 - 1830 - 2230 0200 - 0600 - 1000 - 1400 - 1800 - 2200 (490 kHz in Portuguese)	33° 06' N — 16° 20' W 300
Portugal	Penalva	[R] [G]	E-mail : comar.dir@marinha.pt 0250 - 0650 - 1050 - 1450 - 1850 - 2250 0100 - 0500 - 0900 - 1300 - 1700 - 2100 (490 kHz in Portuguese)	38° 36' N — 9° 02' W 300
Senegal	Dakar (off air since 2012)	[C] [M]	E-mail : marinenat@orange.sn 0020 - 0420 - 0820 - 1220 - 1620 - 2020 0200 - 0600 - 1000 - 1400 - 1800 - 2200 (490 kHz in French)	14° 46' N — 17° 20' W 200
Spain (North Coast)	Coruña	[D] [W]	E-mail : radioavisos.cnccs@sasemar.es 0030 - 0430 - 1230 - 1630 0340 - 0740 - 1540 - 1940 (490 kHz in Spanish)	43° 22' N — 8° 27' W 300
Spain (South Coast)	Tarifa	[G] [T]	E-mail : tarifa@sasemar.es 0100 - 0500 - 1300 - 1700 0310 - 1110 - 1510 - 2310 (490 kHz in Spanish)	36° 01' N — 5° 33' W 300
Nigéria	Lagos		Project stage	06° 26' N — 003° 20' E
	Bonny			04° 24' N — 007° 11' E

Comments:

1. - Senegal

Dakar NAVTEX station is non-operational since Mars 2012. Dakar coastal warnings are broadcast via SafetyNET by the NAVAREA II Coordinator as NAVAREA II messages.

2. - Cabo Verde

Cabo Verde NAVTEX station is non-operational since 2013. In August 2015, the Cabo Verde authorities had indicated that they hoped the station would be repaired by the end of 2016. The station is still not operational.

3. - Nigeria

Pending the construction of two NAVTEX stations (Lagos and Bonny, delay unknown) NNHO has requested the NAVAREA II coordinator to broadcast coastal warnings on its behalf. What has been done since May 2018.

4. Operational Issues:

4.1. Piracy

NAVAREA II Coordinator started to receive information from NAV IV/XII about piracy in the Gulf of Guinea in December 2011.

In addition, to support the West Africa countries in their efforts against piracy and armed robbery at sea (Yaoundé Code of Conduct), the French and British Navies signed (15 June 2016) a Memorandum of Understanding which has led to the establishment of MDAT-GoG (Maritime Domain Awareness Trade - Gulf of Guinea) led by two Operational Centres, in Portsmouth (UK) and Brest (France). In support, UKHO and SHOM produced maritime security planning charts in English and French versions and created dedicated web pages (for SHOM: <http://diffusion.shom.fr/surete-golfe-guinee>).

A direct link has been established between the MDAT-GoG Centre in Brest and NAVAREA II headquarters. Since July 2016, a NAVAREA II warning is issued within minutes after the MDAT-GoG Centre has received information about an attack or a threat.

NAVAREA II piracy warnings issued (MDAT-GOG / NAV IV / XII):

- in 2015: 02 (from NAV IV/XII)
- in 2016 : 36 (10 from MDAT-GOG)
- in 2017 : 47 (39 from MDAT-GOG)
- in 2018 (until 1st July): 21 (17 from MDAT-GOG)

4.2. Details of MSI information received from coastal states within NAVAREA II

Country	Provides MSI	2016	2017	2018	Completed MSI Training Course
Benin	N				Accra (2009) - Abidjan (2014)
Cabo Verde	Y	1			-
Cameroon	N				Abidjan (2014)
Congo	Y	2	0	0	Abidjan (2014)
Congo (Dem. Rep)	N				Abidjan (2014)
Gabon	Y		1		Abidjan (2014)
Gambia, the	N				Accra (2009)
Ghana	N				Accra (2009)
Guinea	Y	1			Accra (2009) - Abidjan (2014)
Guinea Bissau	N				Accra (2009)
Ivory Coast	N				Accra (2009) - Abidjan (2014)
Liberia	Y	1			-
Mauritania	N				Accra (2009)
Morocco	Y	59	83	28	

Nigeria	Y	3		2	Accra (2009) - Capetown (2017) - Brest (2018)
Portugal	Y	60	67	31	
Sao Tome and Principe	N				
Senegal	Y	11	25	3	Accra (2009) - Abidjan (2014)
Sierra leone	N				
Spain	Y	13	66	21	
Togo	Y	1			Accra (2009) - Abidjan (2014)

4.3. “In force” warnings bulletins

NAVAREA II Coordinator issues every Monday an “in force” warnings bulletin. In addition, the “in force” and texts of all warnings, including warnings that are more than 42 days old, are printed in the weekly Notices to mariners. All warnings in force are also available on SHOM website (see § 9).

4.4. Maritime Safety Service

In 2016, NAVAREA II participated in testing Inmarsat's Maritime Safety Data Service (MSS). The conclusion of the evaluation is that MSS is an effective tool that constitutes a very clear improvement compared to the former EGC system. Since 2016, and because Shom (Navarea II) participated in the test, Inmarsat has allowed it to continue using MSS (in 2018, Shom has contracted directly with Inmarsat to continue to benefit this service).

5. Quality Management Survey

NAVAREA	ISO 9001 -2008	Promulgate “In-Force” Bulletins	Promulgate “No-Warning” Messages	Monitor Broadcast	24/7 contact information provided	Promulgate two scheduled broadcasts	IMO Master Plan updated
NAVAREA II	YES	YES	YES	YES	YES	YES	YES

6. Contingency Planning

In case of Internet failure, the connection can be established by Mobile Internet (laptop with 3G dongle).

In addition NAVAREA II and VII Coordinators set up in 2014 mutual support in case of access failure to SafetyNET in the AOR-E coverage area. The process was successfully tested in 2014 and in 2018 (June).

7. Capacity Building:

There is a need of MSI training for the following countries in NAVAREA II:

Priority 1:

Cabo Verde (No attendance at a MSI course – no knowledge about MSI - NAVTEX station under repair);

Liberia (No attendance at a MSI course – no contact with NAVAREA II Coordinator);

Sierra Leone (No attendance at a MSI course – no contact with NAVAREA II Coordinator);
Nigeria (Attendance at MSI course in 2018 in France, strong and motivated expectation of NNHO - NAVTEX stations in progress - coastal warnings broadcast by NAVAREA II coordinator since 2018).

Priority 2:

Gambia (Attendance at MSI course in 2009 - no contact with NAVAREA II Coordinator);
Ghana (Attendance at MSI course in 2009 - no contact with NAVAREA II Coordinator);
Guinea Bissau (Attendance at MSI course in 2009 - no contact with NAVAREA II Coordinator);
Mauritania (Attendance at MSI course in 2009 - no contact with NAVAREA II Coordinator).

During the months following the MSI course in French language, organized in December 2014 in Abidjan, contacts between the course attendees and the NAVAREA II Coordinator got better, unfortunately they tended to decline since. Due to a lack of political will, there is no improvement in the implementation of MSI national organizations in countries where it did not exist before.

The CBSC has funded the design of a Massive Open Online Course (MOOC) on MSI. The initial version, in French only, was tested in May-June 2017 with some trainees from French-speaking countries of the EAtHC. An English version of this MOOC is scheduled in the near future, which will enable the tests to be carried out on a larger scale.

8. Other Activities:

Since WWNWS 9, NAVAREA II representatives attended the following meetings:

- MESO American & Caribbean Sea Hydrographic Commission (MACHC 18: Varadero, Nov. 2017);
- IMO NCSR Meeting (NCSR 5: London, Feb 2018);
- IHO WWNWS Document Revue Meeting (DRWG 15: London, Feb 2018);
- Capacity Building Sub-Committee (CBSC 16: Goa, India, May 2018);
- Inter-Regional Coordination Committee (IRCC 10: Goa, India, May 2018);
- North Indian Ocean Hydrographic Commission (NIOHC 18: Goa, India, April 2018).

9. 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 SafetyNET 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-a28.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.fr/index.php/informations-nautique> (La Reunion, in NAVAREA VII and VIII).

10. NAVAREA Contact Information:

Department "Information et Ouvrages Nautiques"
Service hydrographique et océanographique de la marine
13 Rue du Chatellier
CS 92803
29228 BREST CEDEX 2
France
Tel: +33 (0)2 56 31 24 24 / +33 (0)2 98 22 16 67 (Duty officer : H24)
Mobile : +33 (0)6 24 80 08 92 (spare)
Fax: +33 (0)2 56 31 25 84
E-mail: coord.navarea2@shom.fr (H24)
E-mail: coord.navarea2@gmail.com (spare)
Website: <http://diffusion.shom.fr/navarea-en-vigueur>

11. Recommendations:

None

12. Actions requested:

Note the information provided.

13. Summary:

The NAVAREA II Coordinator introduced the Self-Assessment Report, document WWNWS9/3/2-II.

There is no significant change since our previous report to WWNWS9.