

MSI Self Assessment NAVAREA II

Submitted by France

SUMMARY

Executive Summary: Report of activities within NAVAREA II since WWNWS 11

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
Cabo Verde	Agencia Maritima E Portuaria Cape Verde Maritime Administration	+238 232 43 42	+238 232 43 43	capitaniasv@cvtelecom.cv
Cameroon	Douala Port Authority	+237 33 42 01 33	+237 33 42 67 97	portdouala@iccnet2000.com
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
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 address

Gambia, The	Gambia Port Authority	+220 422 99 40 +220 997 70 38	+220 422 72 68	info@gambiaports.gm
Ghana	Ghana Port Authority	+233 302 663506 +233 244 0840 91 +233 303 968564 +233 271 823282 +233 303 204153 +233 54 5761735	+233 (0)303 20 41 36	tema@ghanaports.net
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 mrcs.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 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
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.cnscs@sasemar.es
Togo	Togolese Navy	+228 22 27 05 17 +228 22 23 70 80	+228 22 71 01 10	base.marine@yahoo.com

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

2. Comments:

GMDSS Master Plan: an update will be made soon regarding the definitive failure of French MRCC La Garde NAVTEX station (within NAVAREA III).

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

Specifics of information and data received:

2017				2018				2019			
E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text
311	3	0	107	292	0	0	97	260	0	0	80

The following table shows the number of NAVAREA II warnings that were promulgated over 3yr period (AOR € satellite):

2017	2018	2019
489	504	462

Transmission of NAVAREA warnings identified as immediate priority:

2017		2018		2019	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
73	10 Mins	78	10 Mins	49	7,6 Mins

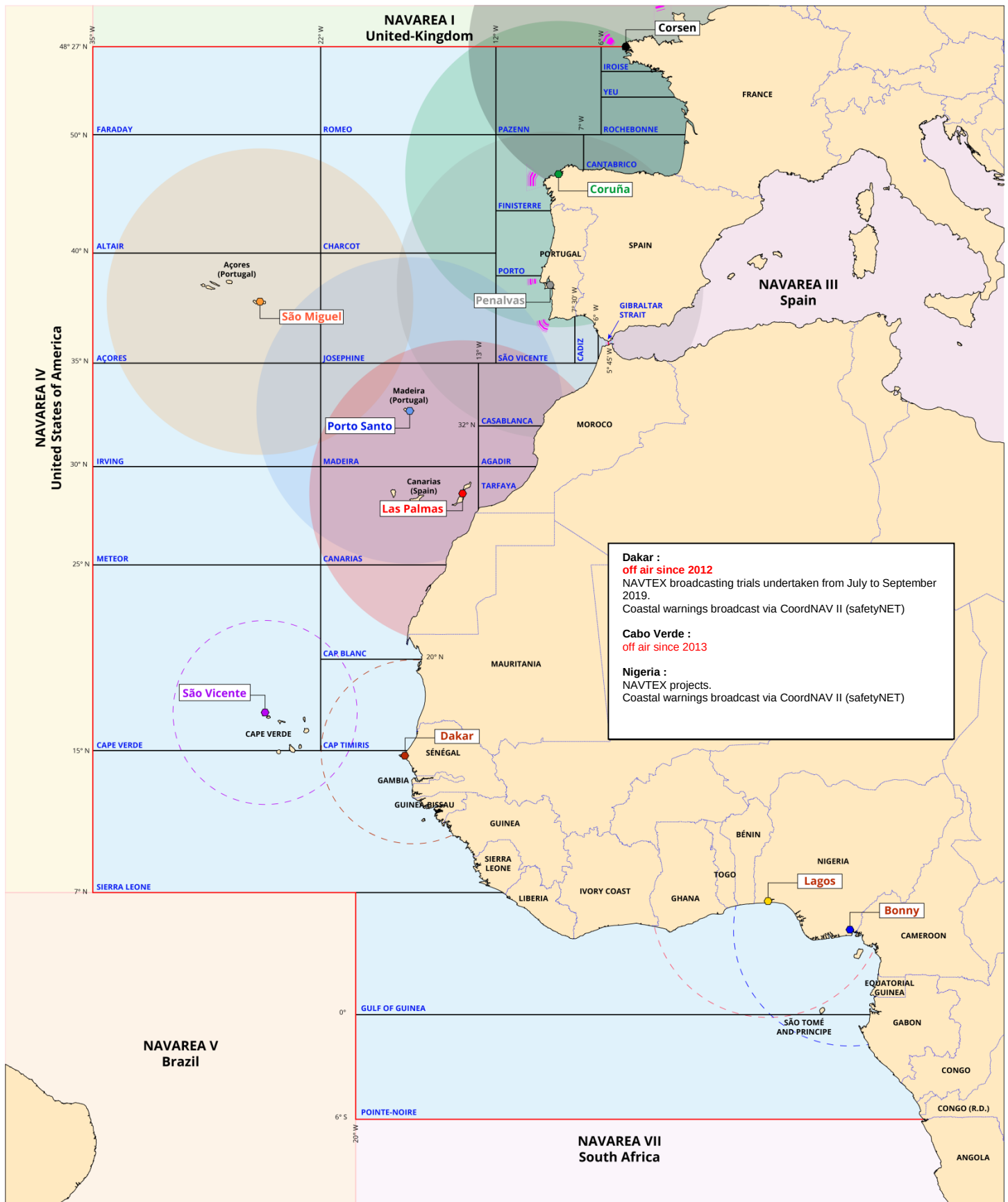
NAVAREA II coordinator broadcasts under EGC certificate of authorization n°2 dated 8 of January 2020.

NAVAREA II coordinator concluded a contract agreement with Iridium in October 2019, including a 2 years free execution period. No testing so far.

Specifics of requests for list of in-force navigational warnings:

2017		2018		2019	
Total	E-mail	Total	E-mail	Total	E-mail
688	688	809	809	703	703

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.moveimaritimo@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.cnecs@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° 02' N — 5° 33' W 300
Nigeria	Lagos		Project stage	06° 26' N — 003° 20' E
	Bonny			04° 24' N — 007° 11' E

Comments:

1. Senegal

MRCC Dakar informed the NAVAREA II coordinator 12 July 2019 that NAVTEX trials had started that will last for two months. Dakar coastal warnings are still requested to be broadcast via SafetyNet as NAVAREA II messages.

2. Nigeria

Nigeria is in the process of declaring an A3 zone off its costs.

4. Operational Issues:

4.1 Piracy

Thanks to the direct link established between the MDAT-GoG Centre in Brest and NAVAREA II headquarters, a NAVAREA II warning is issued within minutes after the

MDAT-GoG Centre received the information and confirmed the necessity to issue a warning about an attack or a threat.

NAVAREA II piracy warnings issued :

- 2018 : 43
- 2019 : 35
- 2020 (until 1st July) : 25

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

Coastal State/Country	Number of MSI messages	Topics/Subjects of messages
Benin	0	
Cabo Verde	0	
Cameroon	0	
Congo	0	
Côte d'Ivoire	0	
Democratic Republic of the Congo	0	
Gambia	1	Seismic survey
Ghana	0	
Guinea	0	
Guinea-Bissau	0	
Liberia	2	Missing buoy, wreck reporting
Mauritania	6	Wreck reporting
Morocco	18	Temporary restricted navigation areas, gunnery exercises, wreck reporting
Nigeria	3	Drifting buoy, wreck reporting
Portugal	37	Missile firing exercises, underwater and scientific operations
Senegal	12	Seismic survey, offshore operations, gunnery exercises, wreck reporting
Sierra Leone	0	
Spain	43	Missile firing, naval exercises, underwater and scientific operations
Togo	0	

Every Sunday, NAVAREA II coordinator issues an “In Force warnings” Bulletin.

The complete texts of all in-force NAVAREA II warnings are available from the Shom website (www.diffusion.shom.fr). Alternatively, these may be requested by e-mail at coord.navarea@shom.fr.

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	Certificates for all recognised service providers	IMO Master Plan updated
NAVAREA II	YES	YES	YES	YES	YES	YES	YES	YES

6. Contingency Planning

In case of Internet network failure, the connection will be ensured by the use of a laptop and a 3G dongle.

The mutual support process between NAVAREA II and VII coordinators was successfully tested in June 2018.

7. Capacity Building:

Awareness-raising actions for decision-makers in order to set up an efficient and sustainable organisation for the collection and dissemination of MSI, as well as training actions for operators are necessary in almost all Western and Central African coastal states.

The table below summarises the capacity building actions carried out in relation to MSI:

Coastal State	Last CB generic activities ¹	Last CB MSI-specific activities ²
Benin	2003 (TV), 2018 (AS)	2009 (TC), 2014 (TC), 2017 (eL)
Cabo Verde	2003 (TV), 2017 (TV)	-
Cameroon	2011 (TV), 2018 (AS), 2019 (training center visit)	2014 (TC)
Congo	2003 (TV), 2018 (AS)	2014 (TC)
Côte d'Ivoire	2018 (AS)	2009 (TC), 2014 (TC), 2017 (eL)
Democratic Republic of the Congo	2003 (TV), 2018 (AS)	2014 (TC)
Equatorial Guinea	2003 (TV), 2018 (AS)	-
France	N/R	N/R
Gabon	2003 (TV), 2012 (TV), 2018 (AS), 2019 (training center visit)	2014 (TC), 2017 (eL)
Gambia	2017 (TV), 2018 (AS), 2019 (TV)	2009 (TC), 2017 (TC)
Ghana	2003 (TV), 2018 (AS), 2019 (training center visit)	2009 (TC)
Guinea	2003 (TV), 2018 (AS)	2009 (TC), 2014 (TC)
Guinea-Bissau	2003 (TV), 2012 (TV)	2009 (TC)
Liberia	2016 (TV), 2018 (AS)	2018 (TC)
Mauritania	2003 (TV)	2009 (TC)
Morocco	2018 (AS)	2019 (OJT & S/W), 2020 (OJT)
Nigeria	2003 (TV), 2018 (training center visit), 2018 (AS)	2009 (TC), 2014 (TC), 2018 (OJT)

Portugal	N/R	N/R
Sao Tome and Principe		-
Senegal	2003 (TV), 2018 (AS)	2009 (TC), 2014 (TC)
Sierra Leone	2003 (TV)	-
Spain	N/R	N/R
Togo	2003 (TV), 2018 (AS)	2009 (TC), 2014 (TC), 2017 (eL)

1. “Generic CB activities”: High level & Technical visits (TV), Awareness seminar (AS)...
2. MSI-specific capacity building activities: MSI Training course (TC), MSI e-Learning (eL), MSI Seminar or Workshop (S/W), MSI on-job Training (OJT)

Nearly all coastal states in the NAVAREA II area are awaiting capacity building actions in the field of MSI. Some states with limited capacity (both organisational and operational) to collect and disseminate MSI, and which have not benefited from supporting activities, or not recently, appear to be a priority:

- Cabo Verde: no attendance at a MSI course, very limited knowledge about MSI, NAVTEX station under repair;
- Cote d’Ivoire: attendance at MSI course in 2014, no contact with NAVAREA II Coordinator since early 2018;
- Equatorial Guinea: no attendance at a MSI course, very limited knowledge about MSI;
- Guinea Bissau: attendance at MSI course in 2009, no contact with NAVAREA II Coordinator;
- Mauritania : attendance at MSI course in 2009, contact with NAVAREA II Coordinator for inquiry regarding further MSI courses;
- Sierra Leone: no attendance at a MSI course, very limited knowledge about MSI;
- Sao Tome and Principe: no attendance at a MSI course, very limited knowledge about MSI;

Other coastal states are in the process of developing capacity and also need to be supported in their efforts to build effective and sustainable capacity:

- The Ghana Maritime Authority has developed a tool for the collection and dissemination of MSI (NIORD), with the support of the Danish maritime Authority. However, the system has yet to be operationalized for the dissemination of coastal warnings via SafetyNet (with the support of the NAVAREA II coordinator in the first instance, until Ghana declares itself in zone A3);
- Liberia: Liberia is committed to the development of its MSI capacity (attendance at MSI course in 2018, willingness to set up a NAVTEX station) and needs to be sustained;
- Nigeria: Nigeria has made very significant progress (on-job training in 2018 in France, strong and motivated expectation of NNHO, NAVTEX stations in progress, coastal warnings broadcast by NAVAREA II coordinator since 2018). It now has to finalise its declaration in A3 zone.

After each MSI-related capacity building action (whether general or specific MSI activities), the NAVAREA II Coordinator observes an improvement in the reporting of MSI. These

improvements unfortunately often tend to decline over time. The limited progress observed (with the exception of Nigeria and Morocco) seems to be linked above all to a low awareness of the issues and responsibilities related to MSI by decision-makers, which does not allow the emergence of structured MSI national organisations the necessary resources. In addition to training activities for operational staff in the chain of collection and dissemination of MSI, it is essential to raise awareness of MSIs among decision-makers, particularly during high-level and technical visits.

Since the last WWNWS-SC 11, the following capacity building actions related to MSIs (general or specific) have been carried out:

- Joint IALA & IHO Capacity building workshop on hydrography and marine aids to navigation in Africa (21-24 October 2019, Morocco, Rabat);
- Technical Visit to Gambia (20-26 July 2019), led by UKHO. This visit was an opportunity to raise awareness among maritime authorities of their obligations regarding the collection and dissemination of MSI and to recall the procedures to be followed (contact details of the NAVAREA II coordinator, reference documentation).

Due to the covid-19 epidemic, several technical visits scheduled for 2020 had to be postponed. The dedicated MSI seminar scheduled back-to-back with the 16th EAHC conference will most likely also have to be cancelled due to the postponement of the conference. It should be rescheduled in 2021, as capacity building actions related to MSI are a priority at the regional level.

8. Other Activities:

Since WWNWS 11, NAVAREA II representatives attended the following meetings:

- IMO NCSR Meeting (NCSR 6: London, Jan 2019);
- The Capacity building sub-committee (CBSC-18, video-conference, June 2020) has been postponed to October.

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-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).

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 WWNWS12/2/1/II.

No significant change to notice since our previous report to WWNWS11.

Annex(es):

A. NAVAREA II coordinator Self Assessment Spreadsheet.