

## MSI Self-Assessment NAVAREA II

Submitted by France

### SUMMARY

Executive Summary: Report of activities within NAVAREA II since WWNWS 8

Action to be taken: Note report

Related documents: None

#### 1. Background:

NAVAREA II 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: Aussaguel

Operator: Marlink SAS

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	<a href="mailto:pac@leland.bj">pac@leland.bj</a>
Cameroon	Douala Port Authority	+237 33 42 01 33	+237 33 42 67 97	<a href="mailto:portdouala@iccnet2000.com">portdouala@iccnet2000.com</a>
Cabo Verde	General Directorate of Marine Affairs and Ports	+238 232 43 42 +238 232 64 75	+238 232 42 71	<a href="mailto:capitaniasv@cvtelecom.cv">capitaniasv@cvtelecom.cv</a>
Congo	Pointe-Noire Port Authority (Hydrographic Service)	+242 94 00 52	+242 94 20 42	<a href="mailto:info@papn-cg.org">info@papn-cg.org</a>
Congo (Dem. Rep.)	Directorate of Marine Affairs (Hydrographic Office)	+243 815 19 33 96 +243 813 66 33 57		<a href="mailto:coord.nat.rsmrde@gmail.com">coord.nat.rsmrde@gmail.com</a>
France (Atlantic Coast)	French Navy	+33 (0)2 98 22 06 19	+33 (0)2 98 37 76 58	<a href="mailto:combrest.infonaut@premar-atlantique.gouv.fr">combrest.infonaut@premar-atlantique.gouv.fr</a>
Gabon		+241 76 23 15	+241 76 48 33	
Gambia, The	Gambia Port Authority	+220 422 72 66 +220 422 99 40	+220 422 72 68	<a href="mailto:info@gambiaports.com">info@gambiaports.com</a> <a href="http://www.gamports.com/">http://www.gamports.com/</a>

Ghana	Ghana Port Authority	+233 (0)303 20 53 85 +233 (0)303 20 43 88	+233 (0)303 20 41 36	<a href="mailto:tema@ghanaports.net">tema@ghanaports.net</a> <a href="mailto:marilyn.eghan@ghanamaritime.org">marilyn.eghan@ghanamaritime.org</a> <a href="http://www.ghanaports.gov.gh/">http://www.ghanaports.gov.gh/</a>
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	<a href="mailto:dnmmgn@yahoo.fr">dnmmgn@yahoo.fr</a>
Guinea Bissau	Bissau Harbour Master	+245 20 19 84	+245 20 19 84	<a href="mailto:capitania_bissau@yahoo.com">capitania_bissau@yahoo.com</a>
Ivory Coast	Abidjan Port Authority (Hydrographic Service)	+225 21 23 84 63	+225 21 23 81 15	<a href="mailto:seydou.sangare@paa-ci.org">seydou.sangare@paa-ci.org</a> <a href="mailto:seysangare@yahoo.fr">seysangare@yahoo.fr</a>
Liberia	MRCC Monrovia	+ 231 777 09 22 29 + 231 777 09 01 58		<a href="mailto:mrmrcc@lima-liberia.com">mrmrcc@lima-liberia.com</a> <a href="mailto:mrcc.monrovia@yahoo.fr">mrcc.monrovia@yahoo.fr</a>
Mauritania	Ministry of Fisheries	+222 525 78 93	+222 525 61 04	<a href="mailto:dmm.dir@peches.gov.mr">dmm.dir@peches.gov.mr</a>
Morocco	Ministry of Equipment and Transports	+212 (0)5 38 00 52 00 +212 (0)5 38 00 52 01 +212 (0)5 38 00 52 02	+212 (0)5 37 75 00 11	<a href="mailto:iouzzi@mtpnet.gov.ma">iouzzi@mtpnet.gov.ma</a> <a href="http://www.equipement.gov.ma/Publications/portuaireetmaritime/Pages/Publications.aspx">http://www.equipement.gov.ma/Publications/portuaireetmaritime/Pages/Publications.aspx</a>
Nigeria	Nigerian Navy Hydrographic Office	+234 (0)15 87 57 15	+234 (0)12 63 27 76	<a href="mailto:nkho@linkserve.com">nkho@linkserve.com</a>
Portugal	Instituto Hidrográfico	+351 214 401 950	+351 214 401 954 +351 211 938 442	<a href="mailto:avisos.navegacao@marinha.pt">avisos.navegacao@marinha.pt</a>
Senegal	MRCC Dakar	+ 221 33 826 50 01	+ 221 33 826 50 00	<a href="mailto:marinenat@orange.sn">marinenat@orange.sn</a>
Sierra Leone	Sierra Leone Harbour Master	+232 (0)22 22 64 80	+232 (0)22 22 64 43	<a href="mailto:sierraleoneports@yahoo.com">sierraleoneports@yahoo.com</a>
Spain	Salvamento Marítimo (Sasemar)	+34 917 55 91 91	+34 917 55 91 92	<a href="mailto:radioavisos.cncs@sasemar.es">radioavisos.cncs@sasemar.es</a> <a href="http://radioavisos.salvamento.maritimo.es/">http://radioavisos.salvamento.maritimo.es/</a>
Togo	Togolese Navy	+228 22 27 05 17 +228 22 23 70 80	+228 22 71 01 10	<a href="mailto:base.marine@yahoo.com">base.marine@yahoo.com</a>

## 2. Comments:

It is constantly difficult to obtain information and even to keep in contact with some National Coordinators.

GMDSS Master Plan: no change

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

Specifics of information and data received (Text = military communications facilities)

2014				2015				2016			
E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text
220	14	0	199	211	16	0	235	214	8	0	93

NAVAREA II warnings promulgated over 3yr period:

2014	2015	2016
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433	462	398
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NAVAREA II warnings identified as immediate priority (requiring transmission within 30 minutes):

<b>2014</b>		<b>2015</b>		<b>2016</b>	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
33	10 Min	5	10 Min	36	10 Min

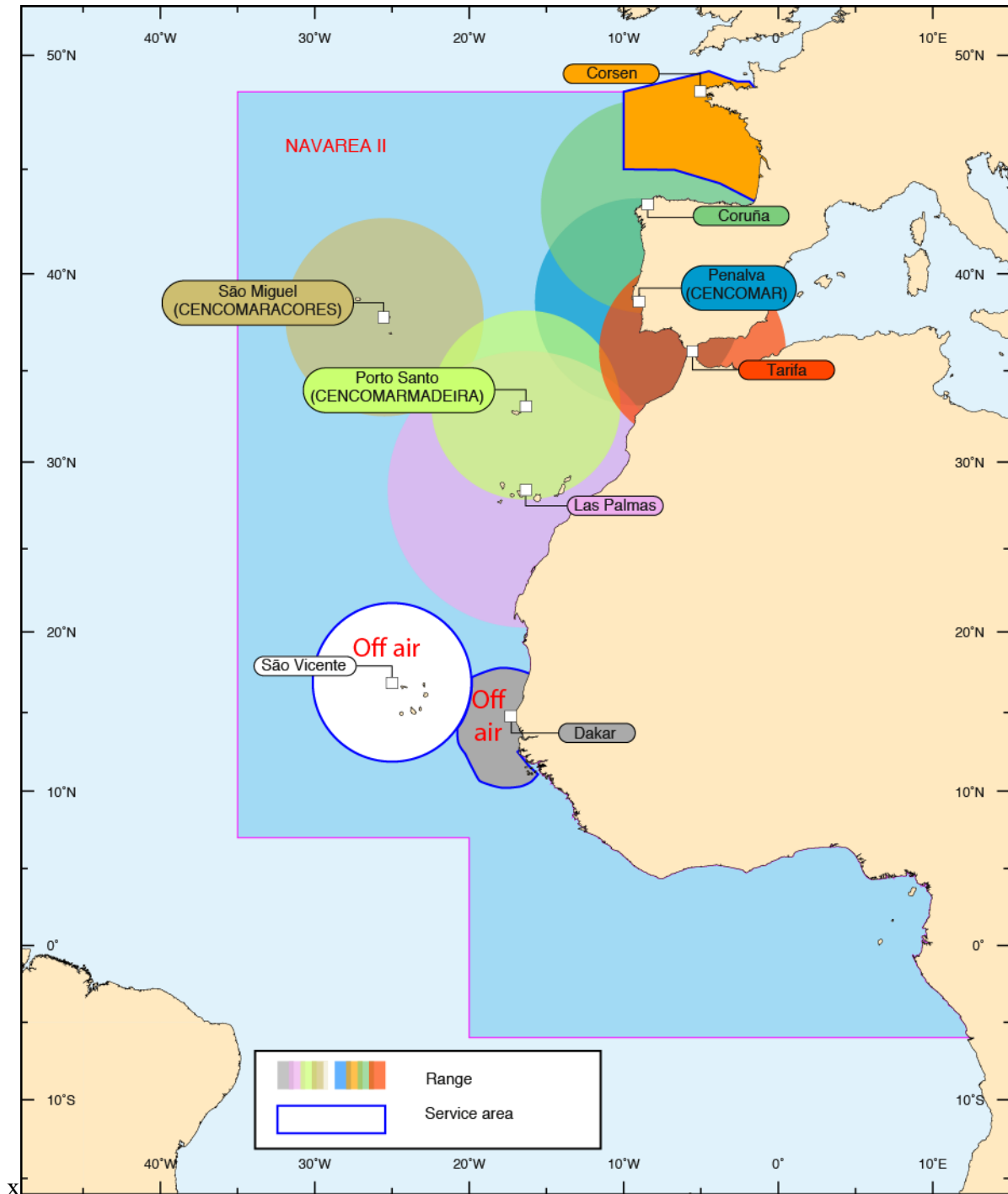
Specifics of requests for list of in-force navigations warnings

Many ships entering the NAVAREA II area request increasingly to provide them by e-mail the text of all “in force” warnings what is done if this emission does not require any prior registration to a charged service.

<b>2014</b>	<b>2015</b>	<b>2016</b>
741	781	703

In 2017: 343 requests between 1<sup>st</sup> January and 1<sup>st</sup> July.

### 3. NAVTEX Coverage:



State	Station	Ind.	E-mail / Time (UTC)	Position / Range (n miles)
<b>Açores (Portugal)</b>	São Miguel	[F] [J]	E-mail : <a href="mailto:comar.dir@marinha.pt">comar.dir@marinha.pt</a> 0050 - 0450 - 0850 - 1250 - 1650 - 2050 0130 - 0530 - 0930 - 1330 - 1730 - 2130 (490 kHz in Portuguese)	37° 48' N — 25° 33' W 300
<b>Canarias, Islas (Spain)</b>	Las Palmas	[A] [I]	E-mail : <a href="mailto:laspalmas@sasemar.es">laspalmas@sasemar.es</a> 0000 - 0400 - 0800 - 1200 - 1600 - 2000 (490 kHz in Spanish) 0120 - 0520 - 0920 - 1320 - 1720 - 2120	28° 26' N — 16° 20' W 450

<b>Cabo Verde</b>	São Vicente (off air since 2013)	[U] [P]	E-mail : <a href="mailto:s.movelmaritimo@cvtelecom.cv">s.movelmaritimo@cvtelecom.cv</a> 0320 - 0720 - 1120 - 1520 - 1920 - 2320 0230 - 0630 - 1030 - 1430 - 1830 - 2230 (490 kHz in Portuguese)	16° 51' N — 25° 00' W 250
<b>France (Atlantic Coast)</b>	Corsen	[A] [E]	E-mail : <a href="mailto:corsen@mrccfr.eu">corsen@mrccfr.eu</a> 0000 - 0400 - 0800 - 1200 - 1600 - 2000 0040 - 0440 - 0840 - 1240 - 1640 - 2040 (490 kHz in French)	48° 28' N — 5° 03' W 300
<b>Madeira (Portugal)</b>	Porto Santo	[P] [M]	E-mail : <a href="mailto:comar.dir@marinha.pt">comar.dir@marinha.pt</a> 0230 - 0630 - 1030 - 1430 - 1830 - 2230 0200 - 0600 - 1000 - 1400 - 1800 - 2200 (490 kHz in Portuguese)	33° 06' N — 16° 20' W 300
<b>Portugal</b>	Penalva	[R] [G]	E-mail : <a href="mailto:comar.dir@marinha.pt">comar.dir@marinha.pt</a> 0250 - 0650 - 1050 - 1450 - 1850 - 2250 0100 - 0500 - 0900 - 1300 - 1700 - 2100 (490 kHz in Portuguese)	38° 36' N — 9° 02' W 300
<b>Senegal</b>	Dakar (off air since 2012)	[C] [M]	E-mail : <a href="mailto:marinenat@orange.sn">marinenat@orange.sn</a> 0020 - 0420 - 0820 - 1220 - 1620 - 2020 0200 - 0600 - 1000 - 1400 - 1800 - 2200 (490 kHz in French)	14° 46' N — 17° 20' W 200
<b>Spain (North Coast)</b>	Coruña	[D] [W]	E-mail : <a href="mailto:radioavisos.cnccs@sasemar.es">radioavisos.cnccs@sasemar.es</a> 0030 - 0430 - 1230 - 1630 0340 - 0740 - 1540 - 1940 (490 kHz in Spanish)	43° 22' N — 8° 27' W 300
<b>Spain (South Coast)</b>	Tarifa	[G] [T]	E-mail : <a href="mailto:tarifa@sasemar.es">tarifa@sasemar.es</a> 0100 - 0500 - 1300 - 1700 0310 - 1110 - 1510 - 2310 (490 kHz in Spanish)	36° 01' N — 5° 33' W 300

### Comments:

1. - Dakar NAVTEX station is not operational since Mars 2012; technical problems were solved at the end of 2014 but MRCC Dakar has to face to staff training issues. Dakar coastal warnings are broadcast via SafetyNET (on a circular area corresponding to the Dakar service area) by the NAVAREA II Coordinator.

2. - Cabo Verde NAVTEX station is off air since 2013. During a very long time, the Cabo Verdean authorities questioned on the proper functioning of the station never answered. Contact was established by the Chairman of the IMO NAVTEX Coordinating Panel in August 2015; at this time the Cabo Verde authorities had indicated that they hoped the station would be repaired in November or December 2016. The station is still not operational.

#### 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 operational room. Since the beginning of 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 warnings about piracy issued (NAV IV / XII):

- in 2013: 17 (54 incidents reported to IMO)
- in 2014: 16 (45 incidents reported to IMO)
- in 2015: 02 (35 incidents reported to IMO)

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

- in 2016 : 36 (10 from MDAT-GOG - 62 incidents reported to IMO)
- in 2017 (until 1<sup>st</sup> July): 21 (17 from MDAT-GOG - 20 incidents reported to IMO)

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

##### In 2016

Coastal State/Country	Number of MSI messages	Topics/Subjects of messages	Completed MSI Training Course
Benin	0		Accra (2009) - Abidjan (2014)
Cameroon	0		Abidjan (2014)
Cabo Verde	1	Cancellation	
Congo	2	Underwater operations	Abidjan (2014)
Congo (Dem. Rep.)	0		Abidjan (2014)
France (Atlantic Coast)	605	Coastal warning	
Gabon	0		Abidjan (2014)
Gambia, The	0		Accra (2009)
Ghana	0		Accra (2009)
Guinea	1	Buoy	Accra (2009) - Abidjan (2014)
Guinea Bissau	0		Accra (2009)
Ivory Coast	0		Accra (2009) - Abidjan (2014)
Liberia	0		
Mauritania	0		Accra (2009)
Morocco	59	Light, restricted area, gunnery exercise	
Nigeria	1	Dangerous wreck	Accra (2009)
Portugal	55	Misc.	
Senegal	10	Gunnery exercises, SAR exercises, derelict vessels, buoys, lights.	Accra (2009) - Abidjan (2014)
Sierra Leone	0		
Spain	13	Underwater operation, light, adrift object	
Togo	1	Light	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 evaluation

NAVAREA II began testing Inmarsat’s Maritime Safety Data Service in December 2015. MSS is an effective tool which constitutes a very clear improvement compared to former system. Nevertheless, it seems that Inmarsat has still some issues to integrate the billing platform and the release date of the operational version is not yet confirmed.

Once the MSS operational version deployed, Shom (NAVAREA II) and Meteo France (METAREA II) intend to test mutual back-up procedures.

#### 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 Aussaguel LES breakdown, NAVAREA II duty officer can work with Eik LES. In case of Internet failure, the connection can be established by Mobile Internet (laptop with 3G dongle).

In addition NAVAREA II and VII Coordinators have agreed to provide mutual support in case of access failure to SafetyNET in the AOR-E coverage area. The process was successfully tested in November 2014: NAVAREA II Coordinator has disseminated via SafetyNET one test message received by Fax from NAVAREA VII Coordinator.

#### 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);

Nigeria (Attendance at MSI course in 2009 - no knowledge about MSI – installation of two NAVTEX stations in progress) ;

Sierra Leone (No attendance at a MSI course – no contact with NAVAREA II Coordinator).

##### 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 EAHC. 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 WNWNS 8, NAVAREA II representatives attended the following meetings:

- Eastern Atlantic Hydrographic Commission (EAHC 14: Cadiz, Oct 2016);
- South-West Pacific Hydrographic Commission (SWPHC 14: Nouméa, Nov-Dec 2016);
- MESO American & Caribbean Sea Hydrographic Commission (MACHC 17: Belem, Dec 2016);
- ROPME Sea Area Hydrographic Commission (RSAHC 7: Muscat, Feb 2017);
- IMO NCSR Meeting (NCSR 4: London, March 2017);
- IHO WNWNS Document Revue Meeting (DRWG 15: London, March 2017);
- Capacity Building Sub-Committee (CBSC 15: Paramaribo, June 2017);
- Inter-Regional Coordination Committee (IRCC 9: Paramaribo, June 2017);
- Mediterranean and Black Seas Hydrographic Commission (MBSHC 20: Herceg Novi, June 2017);
- North Indian Ocean Hydrographic Commission (NIOHC 17: Cairo, July 2017).

#### 9. NAVAREA Website:

All NAVAREA II “in force” warnings are available on the SHOM website (<http://www.diffusion.shom.fr/navarea-en-vigreur/>). 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](mailto:coord.navarea2@shom.fr) (H24)  
E-mail: [coord.navarea2@gmail.com](mailto: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 his Self-Assessment Report, document WWNWS9/3/2-II.