

**MSI Assessment for NAVAREA II**

*Reporting period from 1<sup>st</sup> Jan 2023 to 31<sup>th</sup> December 2023*

Submitted by France/Shom

**SUMMARY**

Executive Summary: Report of activities within NAVAREA II since WWNWS15

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

Related documents: Document WWNWS16-3.2-II-Annex A

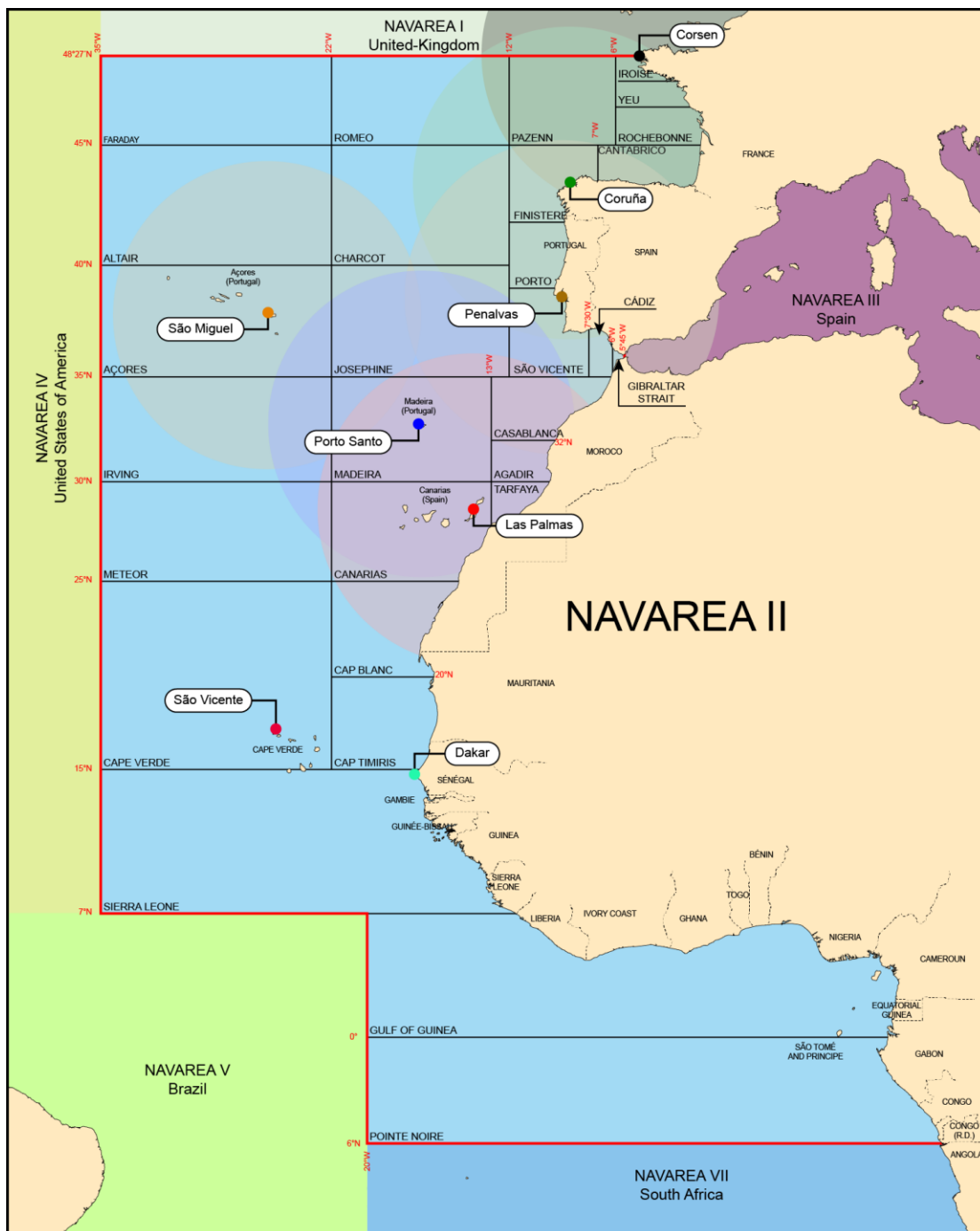
1. General information:

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  
*[Guidance: Please note all changes from the WNWNS15 Self-Assessment in **bold** text]*

| COUNTRY    | INSTITUTION                  | TELEPHONE        | FACSIMILE        | EMAIL  |
|------------|------------------------------|------------------|------------------|--|
| Benin      | Cotonou Port Authority       | +229 21 31 52 80 | +229 21 31 28 91 | <a href="mailto:forces.navales.benin@gmail.com">forces.navales.benin@gmail.com</a><br><a href="mailto:vetbos@yahoo.fr">vetbos@yahoo.fr</a> |
| Cabo Verde | Agencia Maritima E Portuaria | +238 232 43 42   | +238 232 43 43   | <a href="mailto:armindo.graca@imp.cv">armindo.graca@imp.cv</a>   |

|                         |   |  |                                      |  |
|-------------------------|---|--|--------------------------------------|--|
|                         | Cape Verde Maritime Administration  |  |                                      |  |
| Cameroon                | Douala Port Authority   | +237 33 42 01 33   | +237 33 42 67 97                     | <a href="mailto:georgescracite.menye@pad.cm">georgescracite.menye@pad.cm</a>   |
| Congo                   | Pointe-Noire Port Authority (Hydrographic Service)                        | +242 94 00 52  | +242 94 00 52                        | <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<br>+243 813 66 33 57   |                                      | <a href="mailto:coord.nat.rsmrdc@gmail.com">coord.nat.rsmrdc@gmail.com</a><br><a href="mailto:patrickmusitumbu2@gmail.com">patrickmusitumbu2@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                   | Service National de Signalisation Maritime                                | +241 66052111<br>+241 06271776<br>+241 62868913  |                                      | <a href="mailto:departementj@gmail.com">departementj@gmail.com</a><br><a href="mailto:lelebertrand8@gmail.com">lelebertrand8@gmail.com</a>   |
| Gambia, The             | Gambia Port Authority   | +220 422 99 40<br>+220 997 70 38   | +220 422 72 68                       | <a href="mailto:info@gambiaports.gm">info@gambiaports.gm</a><br><a href="mailto:kmanneh@gambiaports.gm">kmanneh@gambiaports.gm</a>   |
| Ghana                   | Ghana Maritime Authority  | +233 271823283   |                                      | <a href="mailto:marilyn.eghan@ghanamaritime.org">marilyn.eghan@ghanamaritime.org</a>   |
| Guinea                  | Direction Nationale de la Marine Marchande (DNMM)                         | +224 622 21 07 02<br>+224 622 12 51 86<br>+224 622 48 10 14<br>+224 622 62 18 89           | +224 30 41 35 77                     | <a href="mailto:dnmm.guinee@gmail.com">dnmm.guinee@gmail.com</a><br><a href="mailto:dnmmgn@yahoo.fr">dnmmgn@yahoo.fr</a><br><a href="mailto:mrsc.guinee@gmail.com">mrsc.guinee@gmail.com</a>       |
| Guinea Bissau           | Bissau Harbour Master   | (+245) 966 786 707   |                                      | <a href="mailto:albertipote@gmail.com">albertipote@gmail.com</a>   |
| Ivory Coast             | Abidjan Port Authority (Hydrographic Service)                             | +225 21 23 84 30<br>+225 21 23 84 31   | +225 21 23 81 15                     | <a href="mailto:cor.navareaci@gmail.com">cor.navareaci@gmail.com</a><br><a href="mailto:Seydou.sangare@paa-ci.org">Seydou.sangare@paa-ci.org</a>   |
| Liberia                 | MRCC Monrovia   | +231 777 092229<br>+231 777 290158<br>+231 777 084 777<br>+231 886889738<br>+231 770323474 |                                      | <a href="mailto:mrmrcc@lima.gov.lr">mrmrcc@lima.gov.lr</a><br><a href="mailto:mrcc.monrovia@yahoo.com">mrcc.monrovia@yahoo.com</a>   |
| Mauritania              | Ministry of Fisheries   | + (222) 45 25 61 04<br>+ (222) 36 36 13 00   | +222 525 61 04                       | <a href="mailto:dmm.dir@peches.gov.mr">dmm.dir@peches.gov.mr</a><br><a href="mailto:tolbamoctar@yahoo.fr">tolbamoctar@yahoo.fr</a><br><a href="mailto:tolba@mauritanie.mr">tolba@mauritanie.mr</a> |
| Morocco                 | Division Hydrographie, Océanographie, et Cartographie de la marine Royale | +212 5 22 29 40 28<br>+212 6 50 89 08 29   |                                      | <a href="mailto:dhoc-cdiv-mr@far.ma">dhoc-cdiv-mr@far.ma</a>   |
| Nigeria                 | Nigerian Navy Hydrographic Office (NNHO)                                  | +234 809 503 9888  | +234 809 503 9777                    | <a href="mailto:msi@nnho.ng">msi@nnho.ng</a><br><a href="mailto:info@nnho.ng">info@nnho.ng</a>   |
| Portugal                | Instituto Hidrográfico  | +351 214 401 950<br>+351 210 984 454   | +351 214 401 954<br>+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> |
| Togo         | Togolese Navy                 | +228 22 27 05 17<br>+228 22 23 70 80 | +228 22 71 01 10    | <a href="mailto:base.marine@yahoo.com">base.marine@yahoo.com</a>             |

### 1.3. GMDSS Master Plan:

The GISIS database is up to date as for 1st of August 2024.

## 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:

| B <sub>1</sub> 518 kHz | B <sub>1</sub> 490 kHz | NAVTEX Station | Email  | Telephone         | Status             |
|------------------------|------------------------|----------------|--|-------------------|--------------------|
| A                      | E                      | Corsen, France | <a href="mailto:corsen@mrccfr.eu">corsen@mrccfr.eu</a>                       | +33 2 988 93 131  | <b>Under trial</b> |
| D                      | W                      | Coruña         | <a href="mailto:radioavisos.cncs@sasemar.es">radioavisos.cncs@sasemar.es</a> | +34 917 55 91 91  | Operational        |
| C                      | M                      | Dakar          | <a href="mailto:marinenat@orange.sn">marinenat@orange.sn</a>                 | +221 338 69 23 26 | Not operationnal   |
| A                      | I                      | Las Palmas     | <a href="mailto:radioavisos.cncs@sasemar.es">radioavisos.cncs@sasemar.es</a> | +34 917 55 91 91  | Operationnal       |
| R                      | G                      | Penalva        | <a href="mailto:comar.dir@marinha.pt">comar.dir@marinha.pt</a>               | +351 210 91 94 19 | Operationnal       |

|   |   |             |                             |                      |                          |
|---|---|-------------|-----------------------------|----------------------|--------------------------|
| P | M | Porto Santo | comar.dir@marinha.pt        | +351 291 21 31<br>12 | Operationnal             |
| F | J | São Miguel  | comar.dir@marinha.pt        | +351 296 10 11<br>80 | Temporarily<br>suspended |
| U | P | São Vicente | s.movelmartimo@cvtelecom.cv | +238 232 21 58       | Not operationnal         |
| G | T | Tarifa      | radioavisos.cncs@sasemar.es | +34 917 55 91 91     | Operationnal             |

### 2.3. Other methods of promulgation:

## 3. NAVAREA Metrics

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

| <i>1st Jan -31st Dec 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 |
| <b>Açores (Portugal)</b>       | São Miguel                          | [F]<br>[J]                           | N/A   | 182                                | 101   | 4   | 422   |                             |
| <b>Canarias, Islas (Spain)</b> | Las Palmas                          | [A]<br>[I]                           | N/A   | 658                                | 585   | 73  |   |                             |
| <b>Cabo Verde</b>              | São Vicente<br>(off air since 2013) | [U]<br>[P]                           | N/A   | N/A                                | N/A   | N/A   | N/A   | N/A                         |
| <b>France (Atlantic Coast)</b> | Corsen                              | [A]<br>[E]                           | N/A   | N/A                                | N/A   | N/A   | N/A   | N/A                         |
| <b>Madeira (Portugal)</b>      | Porto Santo                         | [P]<br>[M]                           | N/A   | 219                                | 33  | 1   | 253   |                             |
| <b>Portugal</b>                | Penalva                             | [R]<br>[G]                           | N/A   | 1003                               | 399   | 42  | 1337  |                             |
| <b>Senegal</b>                 | Dakar                               | [C]<br>[M]                           | N/A   | N/A                                | N/A   | N/A   | N/A   | N/A                         |
| <b>Spain (North Coast)</b>     | Coruña                              | [D]<br>[W]                           | N/A   | 431                                | 415   | 16  |   |                             |
| <b>Spain (South Coast)</b>     | Tarifa                              | [G]<br>[T]                           | N/A   | 495                                | 436   | 59  |   |                             |

### 3.2. NAVAREA Warnings broadcasts:

| Provider          | 2022                            |   |                             | 2023                               |   |                             | 2024                               |   |                             |
|-------------------|---------------------------------|---|-----------------------------|------------------------------------|---|-----------------------------|------------------------------------|---|-----------------------------|
|                   | 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</i>  | 1071                            | 3114  | 12                          | 984                                | 2997  | 15                          | 1305                               | 4998  | 14                          |
| <i>SafetyCast</i> | -                               | -   | -                           | -                                  | -   | -                           | 1305                               | 1305  | 7                           |

### 3.3. Urgent EGC Warnings:

NAVAREA II promulgated 21 urgent warnings concerning:

- Drifting hazards (14)
- Piracy (5)
- Lights unlit (2)

### 3.4. VITAL Coastal Warnings:

No information provided.

### 3.5. In-force warnings.

#### 3.5.1. In-force bulletins issued:

The "IN FORCE" bulletins are broadcast every Sunday. Mariners can access the list of NAVAREAs in force via the PING website (<https://portail.ping-info-nautique.fr/avurnav-notice>).

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

#### 3.5.2. Requests for In-force warnings:

| 2022  | 2023  | 2024  |
|-------|-------|---|
| Total | Total | Total   |
| 620   | 374   | 149 (1 <sup>st</sup> Jan to 31 <sup>st</sup> May) |

### 3.6. Arctic navigational warnings broadcast by HF NBDP.

N/A

## 4. Operational Issues:

The NAVTEX station of Corsen is off air since July 2020.

The coastal navigational warnings are broadcast via EGC 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 (PING platform). The In-force coastal navigational

warnings are also delivered with the in force NAVAREA warnings in response to the request of In-force warnings.

The station has been provided with new antennas and emitters in late June 2024. The trials should start in September, until the station will be declared operational again, not before early 2025.

## 5. National Co-ordinator Communication:

### 5.1. IRCC Strategic Performance Indicator:

NAVAREA II did not receive any MSI in 2023 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

### 5.2. Procedures.

Every year, the completion of the self-assessment is used as an opportunity to verify the details of all points of contact within the NAVAREA II, either providing information or not.

During each Eastern Atlantic HC, NAVAREA II coordinator urges the National coordinators to inform of any change of point of contact and to share any MSI within the area.

## 6. 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.

Two auxiliary power units would ensure the power supply in Shom's buildings in case of electrical failure. They are tested every two months.

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

## 7. S-124 Navigational Warnings Development:

*[Provide information regarding initial planning on S-124 Navigational Warning development to include participation in the S-124 Project Team Meetings and S-124 Project Team Sub-groups. Additionally, include information on any technical developments which will support S-124 creation and dissemination within your NAVAREA.]*

France has launched a national platform for nautical information named PING. This web platform is a shared information system for the drafting and transmission of nautical information (notices to mariners, coastal warnings and NAVAREA warnings). It is also a platform of digitization and portrayal of local regulations.

In 2024, NAVAREA II and French regional authorities' operators in mainland France have been trained in using PING tools and 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 is operational since April 2024 in mainland France.

#### 8. Capacity Building:

In January 2023, Shom led a technical visit to Mauritania [CBWP2023: Action A-01]. In February the same year, UKHO led a technical visit to the Republic of Sierra Leone [CBWP2022: Action A-04].

In 2024, 3 technical visits were led within the NAVAREA II:

- February 2024: Democratic Republic of the Congo [CBWP 2024: action A-02];
- February 2024: Guinea-Bissau [CBWP 2024: action A-08];
- March 2024: Guinea [CBWP 2024: action A-01]

#### 9. Other Activities:

Since last WWNWS meeting, Shom participated in:

24<sup>th</sup> Conference of the Meso American & Caribbean Sea Hydrographic Commission (MACHC24);

18<sup>th</sup> Conference of the Eastern Atlantic Hydrographic Commission (EAHC18)

21<sup>st</sup> Conference of the South West Pacific Hydrographic Commission (SWPHC21);

37<sup>th</sup> Conference of the North Sea Hydrographic Commission (NSHC37);

16<sup>th</sup> meeting of the Hydrographic Services and Standards Committee (HSSC16);

23<sup>rd</sup> North Indian Ocean Hydrographic Conference (NIOHC23);

14<sup>th</sup> Worldwide ENC Database Working Group (WENDWG14);

22<sup>nd</sup> meeting of the Capacity Building Sub-Committee (CBSC22);

16<sup>th</sup> meeting of the Inter-Regional Coordination Committee (IRCC16);

11<sup>th</sup> session of the IMO Sub-Committee on Navigation, Communications and Search & Rescue (NCSR11);

22<sup>nd</sup> Document Review Working Group (DRWG22);

#### 10. NAVAREA Website:

All NAVAREA II warnings are available on the PING platform (<https://portail.ping-info-nautique.fr/avurnav-notice> ). This page is updated in real time every time a new navigational warning is created.

Coastal and local navigational warnings are also available on PING platform.

#### 11. NAVAREA Contact Information:

No change.



12. Recommendations:

NTR

13. Actions requested:

The Sub-Committee is invited to note the report.

14. Summary:

The NAVAREA II coordinator informed the WWNWS members of the developments of S124 project in Shom through the PING platform and provided a demonstration. She also provided an update on the trials and expected date of return to service of the NAVTEX station of Corsen.

Annex(es):

A. Self Assessment Spreadsheet