

MSI Self Assessment NAVAREA I

Submitted by United Kingdom

SUMMARY

Executive Summary: Overview of activities undertaken within NAVAREA I since
WWNWS 10

Action to be taken: Paragraph 12

Related documents: None

1. Background:

NAVAREA I comprises of the waters of the NE Atlantic, including the North Sea and the area around Iceland.

Limits of NAVAREA I:

48° 27'N, 004° 46'W (France West coastline) to
48° 27'N, 035° 00'W to
66° 30'N, 035° 00'W (Greenland South East coastline)
and
65° 00'N, 011° 40'E (Norwegian Coastline) to
65° 00'N, 005° 00'W to
75° 00'N, 005° 00'W to
75° 00'N, 017° 30'W (Greenland East coastline)

Navarea I has a Sub-area defined as the Baltic Sea and its approaches (Ib) which is totally autonomous in its operation of promulgating navigational warnings by NAVTEX.
(Items falling within the Ib area have not been included in this report)

SafetyNET satellite broadcast service provider: Inmarsat
Warnings are transmitted at 0530-0600 UTC and 1730-1800 UTC through the Burum LES and the AOR-E satellite.

Operational Points of Contact for National Coordinators within the Navarea:

COUNTRY	TELEPHONE	FAX	EMAIL
Belgium	+32 59 342 493	+32 59 342 467	rmd@mil.be
Denmark	+45 72 85 03 70	+45 72 85 03 84	mas@sok.dk
Faeroe Islands	+298 351 302	+298 351 301	mrcc@vorn.fo
France	+33 2 56 31 24 24 +33 2 98 22 16 67	+33 2 56 31 25 84	coord.navarea2@shom.fr
Germany	+49 4927 18 77283	+49 4927 18 77288	seewarndienst.wsa-emd@t-online.de
Greenland	+45 72 85 03 70	+45 72 85 03 84	mas@sok.dk
Iceland	+354 545 2120	+354 545 2001	sjomis@lhg.is
Ireland	+353 166 20922	+353 166 20795	1) coastguardnmoc@dtas.gov.ie 2) mrccdublin@irishcoastguard.ie
Netherlands	+31 2 235 42300	+31 2 236 58358	ccc@kustwacht.nl
Norway	+47 22 42 23 31	+47 22 41 04 91	navco@kystverket.no
United Kingdom	+44 1823 353448	+44 1823 322352	navwarnings@ukho.gov.uk

2. Comments:

2.1 The current GMDSS Master Plan has been updated with revised contact details only.

2.2 The following table shows equipment used to monitor MSI broadcast by the Navarea I watchkeeping team. It is located either in the main or back-up Operations Areas.

Equipment Type	Software Version	Date of Up-date
<u>For SafetyNet:</u>		
Primary: Thrane & Thrane TT3027M Inmarsat C receiver.	Easymail v2.02	12 Mar 2019
	Easymail v1.16	25 Feb 2013
Secondary: Thrane & Thrane TT3022A Inmarsat C receiver.		
<u>For Navtex:</u>		
Primary: ICS Nav 6 NAVTEX receiver (with eNAVTEX Desktop Monitoring system)	1.0.10.6	12 Mar 2019
Secondary: MCA V4 online NAVTEX monitoring service	mcanavtex.icselectronics.net	26 June 2019
Tertiary: NASA Marine Target Pro NAVTEX receiver	N/A	19 Apr 2016

EGC SafetyNET messages for the entire AOR-E footprint are constantly monitored in the NAVAREA I operations area.

2.3 The following table shows the quantity and means of receipt of MSI data:

2016		2017		2018	
Email	Phone	Email	Phone	Email	Phone
26,683	793	29,183	758	31222	836

Navarea I started using fax to email conversion software in January 2019, and has received nil data by text.

2.4 SafetyNET:

.1 Warnings are broadcast on SafetyNET through the AOR-E satellite.

The following table shows the number of SafetyNET messages that were transmitted:

2016	2017	2018
239	206	198

.2 The following table shows the number of Navarea I warnings identified as immediate priority (requiring transmission within 30 minutes) and the average time between receipt of the data and transmission of the message on SafetyNET.

2016		2017		2018	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
12	20 minutes	7	22 minutes	8	19 minutes

.3 The following table shows the number of requests to NAVAREA I for a list of in-force navigational warnings (re-runs). This service to the mariner is advertised in the weekly editions of Admiralty Notices to Mariners Bulletins (ANMBs), and in the transmitted weekly in-force messages (see item 4.3):

2016		2017		2018	
Total	E-mail	Total	E-mail	Total	E-mail
485	all	363	all	474	all

3. NAVTEX Coverage:

3.1 Coastal Warnings from all National Coordinators in Navarea I are promulgated by NAVTEX.

The map at ANNEX A shows Navtex Service Areas for the International Navtex Service within the entire NAVAREA I, including the Baltic Sub-Area.

3.2 The table below shows the contact details of the Navtex stations of Navarea I (outside the Baltic Sub-Area; see the submission from Navarea Ib for that information).

NAVTEX Stations in NAVAREA I - outside Baltic Sub-Area

B ₁	Navtex station	Email	Telephone
A	Corsen, France	corsen@mrccfr.eu	+33 2 988 93 131
D	Torshavn, Faeroes	mrcc@vorn.fo	+298 312 965
E&K	Niton, UK	zone8@hmcg.gov.uk	+44 1262 672317
G	Cullercoats, UK	zone8@hmcg.gov.uk	+44 1262 672317
L	Rogaland, Norway	kystradio.sor@telenor.com	+47 51 64 24 80
N	Orlandet, Norway	kystradio.sor@telenor.com	+47 51 64 24 80
O	Portpatrick, UK	zone8@hmcg.gov.uk	+44 1262 672317
P	Den Helder, Netherlands	ccc@kustwacht.nl	+31 223 542 300
Q	Malin Head, Ireland	mrscmalin@dtas.ie	+353 74 93 70 103
R	Saudanes, Iceland	reyrad@lhg.is	+354 54 52 100
S	Pinneberg, Germany	ncc.navtex@dwd.de	+49 69 8062 6160
T&V	Oostende, Belgium	rmd@mil.be	+32 59 342 493
W	Valentia, Ireland	mrscvalentia@dtas.ie	+353 66 9476109
X	Grindavik, Iceland	reyrad@lhg.is	+354 54 52 100

All these Navtex stations are currently operational.

4. Operational Issues:

4.1 Typical topics of MSI received from the coastal states within the Navarea, and from the geographically adjacent Navareas, in order of quantity, are:
Rigmoves (Norway & Netherlands), seismic surveys (Norway and Navarea XIX), long distance tows (Navarea II), failures of major lights and failure of DGPS services (France).

4.2 Navarea I has been operated and administered from the new UKHO building at Taunton since 19th March 2019.

4.3 Navarea I warnings over 42 days old, and therefore not being broadcast, are provided by email on demand. (They are also available on the Admiralty website)

The following statement is included in every weekly in-force message, and in Section III of the weekly ANMBs (see item 2.4.3):

The complete text of all in-force Navarea I warnings, including those which are no longer being broadcast, are available from the Admiralty website at: <http://www.admiralty.co.uk/maritime-safety-information/radio-navigational-warnings>.

Alternatively, these may be requested by e-mail from Navarea I Coordinator at: navwarnings@ukho.gov.uk.”

4.4 Navarea I often receives original information from mariners that are using Admiralty charts and publications worldwide, and this information is regularly passed on to the relevant Navarea Co-ordinator for possible navigation warning action.

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
I	YES	YES	YES	YES	YES	YES	YES

6. Contingency Planning:

Procedures are in place to operate Navarea I from alternative locations when it cannot be done from the main Operations Area:

- i) from a different building on the UKHO site.
- ii) from the UK Met. Office in Exeter, 30 miles away, should the UKHO site need to be evacuated.

There are plans to test these procedures in September 2019,

7. Capacity Building:

7.1 All National Co-ordinators within Navarea I operate from mature, efficient organisations, and are fully conversant with the requirements for MSI, and how to exchange that information. They are fully practiced in broadcasting MSI as local or coastal warnings. (Monitoring of such MSI broadcasts are conducted on an ad hoc basis by the Navarea I Co-ordinator through various sources). It is the opinion of the Navarea I Co-ordinator that no additional training in the provision or broadcasting of MSI is required.

7.2 Since WNWNS10, Navarea I contributed an instructor at an IHO Capacity Building MSI training course for the Mediterranean and Black Sea Hydrographic Commission in Istanbul, Turkey.

8. Other Activities:

NAVAREA I has continued to provide the Chairman and Secretary for the IMO Navtex Co-ordinating Panel.

9. NAVAREA Website:

Address: <http://www.admiralty.co.uk/maritime-safety-information/radio-navigational-warnings>

Navarea I and UK coastal warnings (WZs) are uploaded as soon as practicable following their promulgation by established GMDSS methods. The website refreshes immediately new information is posted, and shows the time that it was last updated.

10. Contact Information:

Navarea I Co-ordinator
UK Hydrographic Office,
Admiralty Way,
TAUNTON, Somerset.
TA1 2DN.

Tel.: +44 1823 353448
Fax: +44 1823 322352

E-mail: navwarnings@ukho.gov.gov

Website:

<http://www.admiralty.co.uk/maritime-safety-information/radio-navigational-warnings>

11. Recommendations:

None

12. Actions requested:

The Sub-Committee is invited to note the report.

13. Summary:

Navarea I now operates from the new UKHO building, but that will not have been apparent to the mariners receiving MSI from us, because there has been no significant change since our previous report to WWNWS10.

ANNEX A

