

MSI Assessment for NAVAREA I

Reporting period from 1st Jan 2023 to 31st December 2023

Submitted by United Kingdom

SUMMARY

Executive Summary: Overview of activities undertaken within NAVAREA I since WWNWS 14

Action to be taken: See paragraph 14.

Related documents: None.

1. General information:

1.1. Geographic Boundaries of the NAVAREA including boundaries for any coastal warning Areas and NAVTEX Stations NAVAREA I comprise 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 which is totally autonomous in its operation of promulgating navigational warnings by NAVTEX. (Items falling within the NAVAREA I(b) area have not been included in this report)

1.2. Operational Points of Contact for National Co-ordinators within the NAVAREA

COUNTRY	INSTITUTION	TELEPHONE	FACSIMILE	EMAIL
Belgium	Oostende Radio (Ministry of Defence)	+32 59 342 493	N/A	rmd@mil.be
Denmark	Danish Maritime Authority - Department for Safety of Navigation in National Waters - Operations. (SIFA-OP)	+45 72 19 60 40 (Office hours)	N/A	vagts@dma.dk
	National Maritime Operations Centre	+45 72 85 03 70 (24 h)	+45 72 85 03 84	mas@sok.dk

	Maritime Assistance Service (MAS)			
Faeroe Islands	Vørn / MRCC Torshavn	+298 351 300	+298 351 300	mrcc@vorn.fo
France	COMNORD	+33 233926523	N/A	Bureau.infonaut@premar-manche.gouv.fr
Germany	Waterways and Shipping Administration (WSV)	+49 4927 1877 283	+ 49 4927 1877 232	seewarndienst.wsa-emd@t-online.de
Greenland	Joint Arctic Command	+299 36 40 00	N/A	ako@mil.dk
Iceland	Icelandic CG	+354 545 2121	+354 545 2001	sjomis@lhg.is
Ireland	Irish Dept. of Transport, Tourism & Sport	+353 166 209 22	+353 166 207 95	coastguardnmoc@transport.gov.ie mrccdublin@irishcoastguard.ie
Netherlands	JRCC Netherlands	+31617558976	N/A	leo.timmermans@kustwacht.nl
Norway	Norwegian Coastal Administration	+47 22 42 23 31	+47 22 41 04 91	navco@kystverket.no
United Kingdom	United Kingdom Hydrographic Office	+44 1823 353 448	+44 1823 322 352	navwarnings@ukho.gov.uk

1.3. GMDSS Master Plan is up to date. NAVAREA I updated GISIS in June 2024 to include broadcast schedule for SafetyCAST.

2. NAVAREA EGC broadcast and monitoring equipment or software:

2.1. Details of EGC services:

NAVAREA I are broadcasting all appropriate warnings through Inmarsat SafetyNet II service and the Iridium SafetyCast Service.

Broadcast Equipment/Software	Broad cast schedule/Satellite	Manufacturer/Location (LES)/Implementation
INMARSAT SafetyNET II	0530-0600 UTC	Inmarsat SafetyNET II Status FOC
	1730-1800 UTC	
Iridium SafetyCast	0530-0600 UTC	Iridium Status FOC
	1730-1800 UTC	
Monitoring Equipment/Software		Manufacturer/Software
INMARSAT-C Transceiver		Cobham Sailor 6120/EasyMail v2.02
SafetyNET II		Inmarsat
Iridium SafetyCast		Iridium
Iridium GMDSS Terminal		Lars Thrane 3110S/ 1.04R-0012
Primary: ICS Nav 6 NAVTEX receiver (with eNAVTEX Desktop Monitoring system). For monitoring Coastal and NAVAREA I messages broadcast over NAVTEX.		Version 1.1.0.0 /Aug 2021

MCA V4 online NAVTEX monitoring service. For monitoring Coastal and NAVAREA I messages broadcast over NAVTEX.	ICS (UK MCA).
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2.2. NAVTEX:

B₁ 518 kHz	B₁ 490 kHz	NAVTEX station	Email	Telephone	Status
D		Torshavn, Faeroes	mrcc@vorn.fo	+298 35 13 00	Operational
E	I	Niton, UK	uknavtex@hmcg.gov.uk	+44 344 382 0043	Operational
K	T	Niton, France	uknavtex@hmcg.gov.uk	+44 344 382 0043	Operational
G	U	Cullercoats, UK	uknavtex@hmcg.gov.uk	+44 344 382 0043	Operational*
L		Rogaland, Norway	kystradio.sor@telenor.com	+47 51 69 00 44	Operational
M		Jeloya, Norway	kystradio.sor@telenor.com	+47 51 69 00 44	Operational
N		Orlandet, Norway	kystradio.nord@telenor.com	+47 75 52 89 25	Operational
O	C	Portpatrick, UK	uknavtex@hmcg.gov.uk	+44 344 382 0043	Operational*
P		Den Helder, Netherlands	ccc@kustwacht.nl	+31 88 958 4000	Operational
Q	A	Malin Head, Ireland	mrsc.malin@transport.gov.ie	+353 74 93 70 103	Operational
R	E	Saudanes, Iceland	reyrad@lhg.is	+354 545 2100	Operational
S	L	Pinneberg, Germany	ncc.navtex@dwd.de	+49 69 8062 6160	Operational
T	B	Oostende, Belgium	rmd@mil.be	+32 59 342 493	Operational
V		Ostende, UK	rmd@mil.be	+32 59 342 493	Operational
W		Valentia, Ireland	mrsc.valentia@transport.gov.ie	+353 66 9476109	Operational
X	K	Grindavik, Iceland	reyrad@lhg.is	+354 545 2100	Operational

* Service currently operating at reduced power and is unreliable

2.3. Other methods of promulgation:

All UK coastal navigation warnings are broadcast by RT on VHF & MF for the respective service area, routinely twice a day and on receipt for urgent coastal navigation warnings.

All Faroese coastal navigation warnings are broadcast by Torshavn Radio on VHF & MF for the respective service area, routinely twice a day and on receipt for urgent coastal navigation warnings.

All German coastal navigation warnings are broadcast by Vessel Traffic Centres on VHF frequencies for the respective service area, as published, routinely every hour and on receipt for urgent coastal navigation warnings. The Vessels Traffic Centres are available 24 H / 7 days a week.

Norwegian warnings are read out on the working channels of national VHF chain, 6 times a day.

3. NAVAREA Metrics

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

1st Jan 2023 – 31st Dec 2023

Country	NAVTEX station name	B1 Character or Coastal Warning Area	Total number of warnings broadcast	Number of warnings broadcast with a vital priority (NAVTEX) or urgent priority (EGC)	Total number of warnings broadcast, including repetitions	Broadcast data in megabytes
Belgium	Oostende	T	1425	1	16266	-
Faeroe Islands	Torshavn	D	37	0	1588	-
France	Niton	K	78	0	-	0.624
Germany	Pinneberg	S	572	0	9472	9
Iceland	Grindavik	X	81	0	-	-
Iceland	Saudanes	R			-	-
Ireland	Malin Head	Q	993	2	-	2.361
Ireland	Valentia	W	508	4	-	4.843
Netherlands	Den Helder	P				
Norway	Orlandet	N	699	0	-	-
Norway	Rogaland	L	699	0	-	-
Norway	Jeloya	M	699	0	-	-
UK	Cullercoats	G	552	0	21901	13.3760235
UK	Niton	E	1100	0	17182	10.4341615
UK	Portpatrick	O	1131	0	12178	9.2760885
UK	Oostende	V	100	0	4026	2.080197

1st Jan 2024 – 30st Jun 2024

Country	NAVTEX station name	B1 Character or Coastal Warning Area	Total number of warnings broadcast	Number of warnings broadcast with a vital priority (NAVTEX) or urgent priority (EGC)	Total number of warnings broadcast, including repetitions	Broadcast data in megabytes
Belgium	Oostende	T	782	0	12156	-
Faeroe Islands	Torshavn	D	11	0	942	-
France	Niton	K	38	0	-	0.304
Germany	Pinneberg	S	376	0	6834	5
Iceland	Grindavik	X	32	0	-	-
Iceland	Saudanes	R			-	-
Ireland	Malin Head	Q	543	2	-	1.282

Ireland	Valentia	W	305	2	-	4.843
Netherlands	Den Helder	P				
Norway	Orlandet	N	317	0	-	-
Norway	Rogaland	L	317	0		-
Norway	Jeloya	M	317	0	-	-
UK	Cullercoats	G	243	0	11589	6.501082
UK	Niton	E	450	0	5702	4.2274085
UK	Portpatrick	O	331	0	5770	4.6116665
UK	Oostende	V	44	0	1233	0.867076

3.2. NAVAREA Warnings broadcasts:

Provider	2022				2023		2024 (1 st Jan – 30 th Jun)		
	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>	231	5223	5.81	252	4318	4.80	109	1696	1.18
<i>SafetCast</i>	231	N/A	0.34	252	N/A	0.38	109	N/A	0.15

3.3. VITAL Coastal Warnings:

- Belgium - person overboard in vicinity of Dover Strait TSS

4. In-force warnings.

4.1. In-force bulletins issued:

- NAVAREA I issue an In-force bulletin once a week at 1000 UTC on Fridays.
- NAVAREA I Warnings issued each week are published in weekly editions of the ADMIRALTY Notices to Mariners bulletin in Section III. The complete texts of all in-force NAVAREA I warnings, including those which are no longer being broadcast, are reprinted in Section III in weeks 1, 13, 26 and 39 and are also available from the UKHO website at:

<https://msi.admiralty.co.uk/RadioNavigationalWarnings>

4.2. Requests for In-force warnings:

2022	2023	2024
Total	Total	Total
315	317	65

5. Operational Issues:

None

6. National Co-ordinator Communication:

6.1. IRCC Strategic Performance Indicator:

NAVAREA I has had contact with 100% of National Coordinators. All coastal states within NAVAREA I are capable of issuing Coastal Warnings.

6.2. Procedures.

An in-person meeting of the NSMSIWG was held in November 2023., followed by a VTC meeting in June 2024.

General working communications is conducted via telephone and E-Mail on an as required basis.

7. Contingency Planning:

7.1. NAVAREA I are based in the UKHO main building. A fall-back site, with full operational capability exists in a separate building on the UKHO site. The UKHO has two separate internet connections and NAVAREA I have a tertiary 5G connection. Telephone is provided through an IP connection with cellular redundancy. E-mail is through outlook, with an online third party back up address. The main email had an E-mail monitor to ensure connection. Both sites are covered by a back up generator for power resilience.

7.2. NAVAREA I has a tertiary back up facility at The Met Office. Use of their site as a back-up operations room was successfully tested in March 2024.

8. S-124 Navigational Warnings Development:

8.1. UK S-124 development – See UK S-124 Development submission.

8.2. Danish Maritime Authority (DMA) is part of the Interreg MaDaMe Project, which seeks to establish a prototype setup for promulgation and receipt of Navigational Warnings in S-124 format.

8.3. The Faroe Islands are following the S-124 WG with one member, but nothing is in place or implemented in the Faroe Islands yet.

8.4. Germany is a member of the S-124 Project Team and participating in meetings. The participation in Sub-group meetings is currently under discussion. DE is planning to provide the Emden Maritime Warning Service (Seewarndienst Emden) with suitable software to convert S-53 Navigational Warnings into S-124 Warnings by 1.1.2026. The technical development for the dissemination of S-124 data still needs to be conceptualized.

8.5. Norway are working with their service provider to make our inhouse software to produce S-124 data.

8.6. Updates from other member states either not received or included in their respective NAVAREA reports.

9. Capacity Building:

9.1. No NAVAREA I capacity building requirements.

9.2. NAVAREA I has supported Capacity Building in Oman & Türkiye.

10. Other Activities:

10.1. NAVAREA I attended the following meetings or groups:

- Document Review WG,
- IMO Navigation, Communication & Search and Rescue Sub-committee,
- CG on dissemination of MSI and SAR-related information,
- North Sea HC,
- North Sea MSI WG,
- Meso American & Caribbean Sea HC MSI WG
- Baltic MSI WG
- Enhanced Group Call Coordinating Panel,
- S-124PT

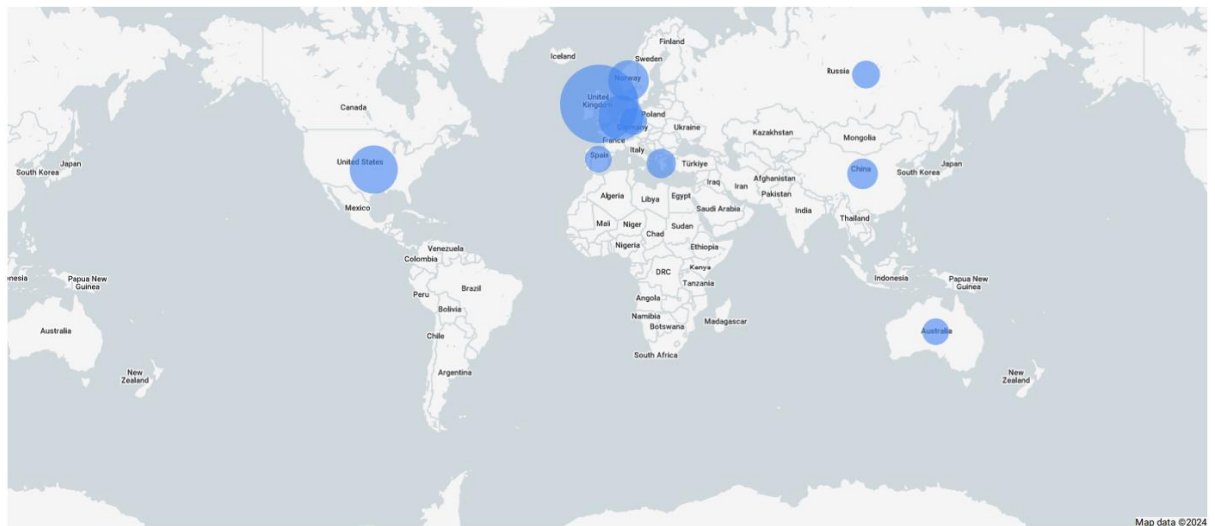
11. NAVAREA Website: <https://msi.admiralty.co.uk/RadioNavigationalWarnings>

11.1. The NAVAREA I website is updated immediately after issuing a warning. The date and time of the last update is displayed.

11.2. NAVAREA website data from 1st Jan 2024 to 31st June 2024.

Session source/medium	↓ Total users	Sessions	Average engagement time per session
Totals	6,795	13,400	1m 00s
1 google / organic	3,031	5,421	1m 05s
2 (direct) / (none)	2,515	5,268	55s
3 bing / organic	475	912	1m 03s
4 iho.int / referral	211	390	1m 19s
5 metoffice.gov.uk / referral	129	142	38s
6 google / cpc	86	121	1m 34s
7 (not set)	82	95	41s
8 yandex.ru / referral	69	91	46s
9 ukc-onenote.officeapps.live.com / referral	63	119	54s
10 ukho.gov.uk / referral	43	60	27s

Date	↓ Total users	Sessions	Average engagement time per session
Totals	7,168	13,673	1m 01s
1 20240115	248	288	1m 02s
2 20240122	246	288	1m 12s
3 20240205	240	293	1m 08s
4 20240108	236	274	1m 16s
5 20240123	228	263	1m 26s
6 20240104	226	270	45s
7 20240219	220	261	1m 03s
8 20240116	219	270	59s
9 20240202	219	264	1m 08s
10 20240105	218	246	46s



11.3. National coordinator websites:

- *Denmark* - <https://nautiskinformation.soefartsstyrelsen.dk/index.html#/messages/map>

- Germany - https://www.bsh.de/DE/THEMEN/Schifffahrt/Nautische_Informationen/Warnungen_und_Nachrichten/warnungen_und_nachrichten_node.html

Nordsee / North Sea (bsh.de)

<https://www2.bsh.de/aktdat/nwn/nwn-nord.pdf>

Ostsee / Baltic Sea (bsh.de)

<https://www2.bsh.de/aktdat/nwn/nwn-ost.pdf>

All information in this pdf document on this website will be updated by the Navigational Warning Service Emden as soon as a new MSI is created, amended or cancelled. The publication times are indicated in red letters in the pdf document.

- Norway - <http://www.navarea-xix.no/>

12. NAVAREA Contact Information:

Primary: No Change

Address:

NAVAREA I Co-ordinator,

UK Hydrographic Office,

Admiralty Way,

Taunton,

Somerset.

TA1 2DN.

Email: navwarnings@ukho.gov.uk

Phone: +44 (0) 1823 353 448

Fax: +44 (0) 1823 322 352

13. Recommendations: Nil

14. Actions requested:

The Sub-Committee is invited to note the report.

15. Summary:

No significant changes since the WWNWS15 report.

Annex(es):

- A. Self Assessment Spreadsheet