

**MSI Assessment for NAVAREA Ib, Baltic Sea Sub-area**

*Reporting period from 1<sup>st</sup> Jan 2022 to 31<sup>th</sup> December 2022*

Submitted by Sweden

**SUMMARY**

Executive Summary: Overview of activities undertaken within the Baltic Sea Sub-area since WWNWS14

Action to be taken: Paragraph 13

Related documents: None

1. General information:

1.1. Geographic Boundaries of the NAVAREA including boundaries for any coastal warning Areas and NAVTEX Stations

The Baltic Sea Sub-area is part of Navarea I and comprises of the waters of Skagerrak, Kattegat, Baltic Sea, Gulf of Finland, Sea of Bothnia and Bay of Bothnia.

Limit of Baltic Sea Sub-area:

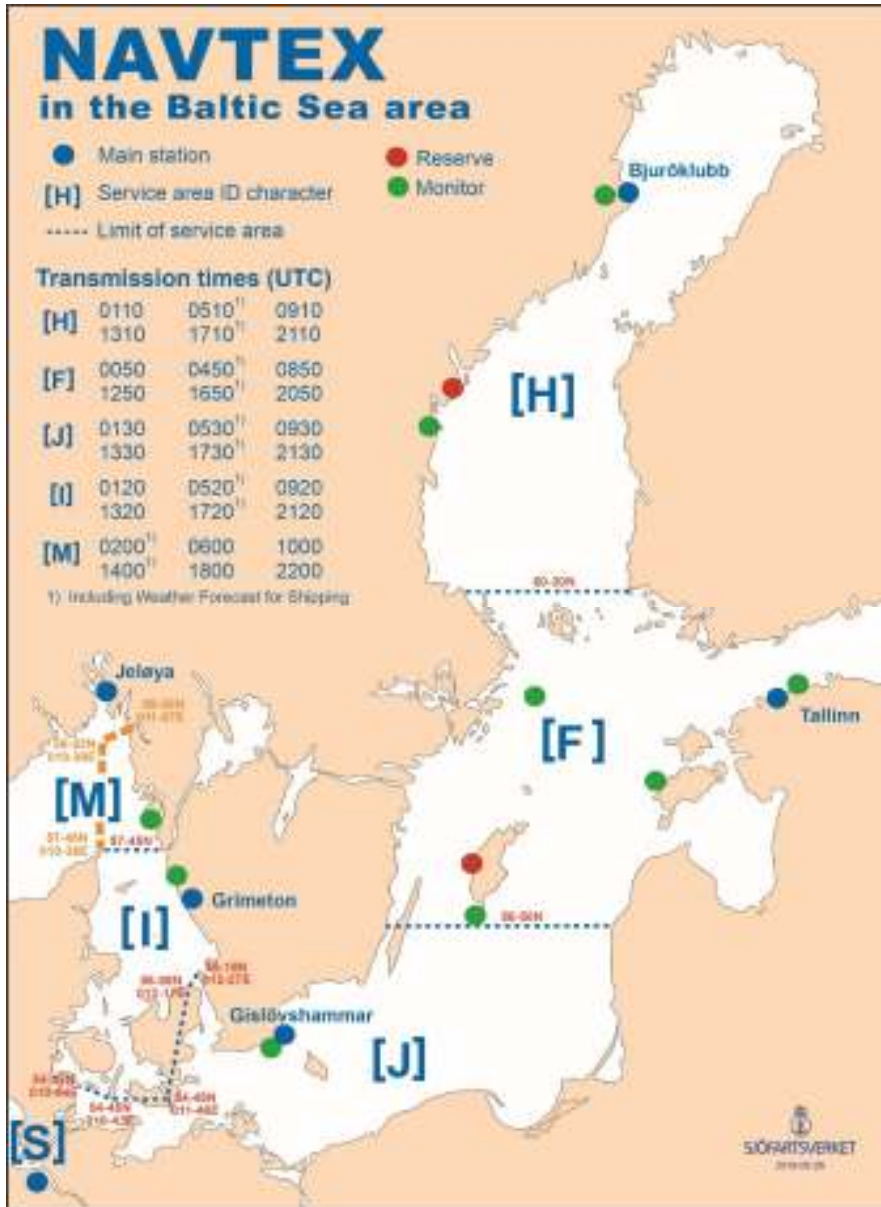
57° 45'N, 010° 38'E (Skaw, Denmark) to

58° 53'N, 010° 38'E to

59° 00'N, 011° 07'E (Norway/Sweden coastline)

Navigational warnings in the Sub-area are promulgated via NAVTEX and VHF. Should specific warnings deem necessary to transmit via EGC, NAVAREA I is contacted for assistance.

NAVTEX service areas, location of transmitters and broadcast schedule are shown on the map below. The limit of the Baltic Sea Sub-area is shown as the orange dashed line.



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

*Note: Facsimile numbers are not listed, as this is not monitored 24h*

COUNTRY	TELEPHONE	EMAIL	WEBSITE
Denmark	+45 7285 0370	<a href="mailto:vagts@dma.dk">vagts@dma.dk</a> (office hours) <a href="mailto:mas@sok.dk">mas@sok.dk</a> (24h)	<a href="#">Link</a>
Estonia	+372 6205 665	<a href="mailto:navinfo@transpordiamet.ee">navinfo@transpordiamet.ee</a>	<a href="#">Link</a>
Finland	+358 204 48 6400	<a href="mailto:turku.radio@fintraffic.fi">turku.radio@fintraffic.fi</a>	<a href="#">Link</a>
Germany	+49 4927 1877283	<a href="mailto:seewarndienst.wsa-emd@t-online.de">seewarndienst.wsa-emd@t-online.de</a>	<a href="#">Link</a>
Latvia	+371 67 32 31 03	<a href="mailto:navarea@lhd.lv">navarea@lhd.lv</a> <a href="mailto:sar@mrcc.lv">sar@mrcc.lv</a>	<a href="#">Link</a>
Lithuania	+370 618 12 591	<a href="mailto:mardep@ltsa.lt">mardep@ltsa.lt</a>	<a href="#">Link</a>
Poland	+48 261 266 208	<a href="mailto:bhwm.msi@ron.mil.pl">bhwm.msi@ron.mil.pl</a>	<a href="#">Link</a>
Russian Federation	+7 812 717 59 00	<a href="mailto:unio_navarea@mil.ru">unio_navarea@mil.ru</a>	<a href="#">Link</a>
Sweden	+46 771 63 06 85	<a href="mailto:swedentraffic@sjofartsverket.se">swedentraffic@sjofartsverket.se</a>	<a href="#">Link</a>

### 1.3. GMDSS Master Plan:

The GMDSS Master Plan is continuously held up to date through the Global Integrated Shipping Information System (GISIS). The update is done in cooperation between the Swedish Transport Agency and the Swedish Maritime Administration.

## 2. NAVAREA EGC broadcast and monitoring equipment or software:

### 2.1. Details of EGC services:

The Baltic Sea Sub-area comprises of Sea areas A1 and A2. Navigational warnings are therefore not promulgated via Satellite. No EGC services are therefore used.

### 2.2. NAVTEX:

<b>B<sub>1</sub> 518 kHz</b>	<b>B<sub>1</sub> 490 kHz</b>	<b>NAVTEX Station</b>	<b>Email</b>	<b>Telephone</b>	<b>Status</b>
H	-	Bjuröklubb, Sweden	<a href="mailto:swedentraffic@sjofartsverket.se">swedentraffic@sjofartsverket.se</a>	+46 771 63 06 85	Operational
F	-	Tallinn, Estonia	<a href="mailto:tallinnradio@riks.ee">tallinnradio@riks.ee</a>	+372 699 11 70	Operational
J	-	Gislövshammar, Sweden	<a href="mailto:swedentraffic@sjofartsverket.se">swedentraffic@sjofartsverket.se</a>	+46 771 63 06 85	Operational
I	-	Grimeton, Sweden	<a href="mailto:swedentraffic@sjofartsverket.se">swedentraffic@sjofartsverket.se</a>	+46 771 63 06 85	Operational
M	-	Jeløya, Norway	<a href="mailto:kystradio.sor@telenor.com">kystradio.sor@telenor.com</a>	+47 516 42 480	Operational
-	L	Pinneberg, Germany	<a href="mailto:seewarndienst.wsa-emd@t-online.de">seewarndienst.wsa-emd@t-online.de</a>	+ 49 49271877283	Operational

### 2.3. Other methods of promulgation:

In the Baltic Sea Sub-area MSI is also promulgated via VHF and MF.

Most countries list active navigational warnings on websites. Refer to table under point 1.2 for links to the websites of the respective countries.

## 3. NAVAREA Metrics

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

Country	NAVTEX station name	B1 Character or Coastal Warning Area	Broadcast schedule times UTC (only for EGC)	2022			
				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
Baltic Sea	Bjuröklubb	H	-	5	0	-	-
Baltic Sea	Tallinn	F	-	7	0	-	-
Baltic Sea	Gislövshammar	J	-	23	0	-	-
Baltic Sea	Grimeton	I	-	13	0	-	-
Denmark	Gislövshammar	J	-	29	2	-	-
Denmark	Grimeton	I	-	57	0	-	-
Germany	Gislövshammar	J	-	103	0	-	-
Germany	Grimeton	I	-	10	0	-	-
Poland	Gislövshammar	J	-	134	0	-	-
Kaliningrad	Gislövshammar	J	-	152	0	-	-
Lithuania	Tallinn	F	-	3	0	-	-
Lithuania	Gislövshammar	J	-	35	0	-	-
Latvia	Tallinn	F	-	11	0	-	-
Latvia	Gislövshammar	J	-	5	0	-	-
Estonia	Tallinn	F	-	37	0	-	-
Petersburg	Tallinn	F	-	166	0	-	-
Petersburg	Gislövshammar	J	-	1	0	-	-
Finland	Bjuröklubb	H	-	16	0	-	-
Finland	Tallinn	F	-	24	0	-	-
Sweden	Bjuröklubb	H	-	11	0	-	-
Sweden	Tallinn	F	-	25	0	-	-
Sweden	Gislövshammar	J	-	23	0	-	-
Sweden	Grimeton	I	-	17	0	-	-

### 3.2. Sub-area warnings and coastal warnings transmitted by Navtex:

Nation	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Baltic Sea	28	37	38	34	23	45	44	52	58	72	62	51	66	48
Denmark	98	87	117	91	89	79	63	42	43	52	57	70	49	86
Estonia	3	7	5	11	9	6	7	26	41	30	34	34	37	37
Finland	28	91	53	49	35	25	47	30	48	47	46	56	50	40
Germany	73	99	92	92	120	118	145	86	91	132	108	123	151	113
Latvia	24	20	27	16	15	10	14	9	17	10	17	12	9	16
Lithuania	27	34	31	30	65	46	30	35	30	29	37	31	63	38
Poland	70	74	78	70	101	107	115	100	109	91	113	100	165	134
Kaliningrad	49	66	68	68	57	70	67	91	107	123	96	147	148	152
St Petersburg	29	33	32	40	24	27	29	66	134	81	113	142	168	167
Sweden	97	117	156	120	89	44	85	59	42	71	87	68	58	76
<b>TOTAL</b>	<b>526</b>	<b>665</b>	<b>697</b>	<b>621</b>	<b>627</b>	<b>577</b>	<b>646</b>	<b>596</b>	<b>720</b>	<b>738</b>	<b>770</b>	<b>834</b>	<b>964</b>	<b>907</b>

### 3.3. Urgent EGC Warnings:

N/A

### 3.4. VITAL Coastal Warnings:

During 2022, there were 2 Navtex navigational warnings transmitted with a VITAL priority in the Baltic Sea sub-area. Both warnings were issued by Denmark. The warnings were issued at the time of the Nordstream pipeline leak on September 26, 2022.

Warning details:

DAN 230/22

DENMARK. BALTIC SEA. BORNHOLM SE.  
A GAS LEAKAGE HAS BEEN OBSERVED IN  
POS. 54-52.60N 015-24.60E.  
LEAKAGE DANGEROUS TO NAVIGATION.  
NAVIGATION PROHIBITED WITHIN A 5 NM  
AREA OF MENTIONED POSITION.

DAN 231/22

DENMARK. BALTIC SEA. BORNHOLM NE.  
GAS LEAKAGES HAVE BEEN OBSERVED  
55-33.40N 015-47.30E AND 55-32.10N  
015-41.90E.  
LEAKAGES ARE DANGEROUS TO NAVIGATION.  
NAVIGATION PROHIBITED WITHIN A 5 NM  
AREA OF MENTIONED POSITIONS.

### 3.5. In-force warnings.

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

For Navtex, in-force bulletins are transmitted once a week for every transmitter. This is normally done on Thursdays.

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

Requests for in-force warnings are not logged.

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

N/A

## 4. Operational Issues:

No operational issues to report.

5. National Co-ordinator Communication:

5.1. IRCC Strategic Performance Indicator:

All coastal states within the Baltic Sea sub-area provide MSI to the sub-area coordinator.

5.2. Procedures.

Communication between national coordinators within the sub-area are normally done at BSMSIWG meetings. The working group report to the Baltic Sea Hydrographic commission. The working group generally has virtual meetings annually and discuss issues regarding MSI in the area.

The Russian Federation is however still suspended from all BSHC working group activities. Refer to BSHC Letter 2 of 2022 at the IHO website. [[Link](#)]

6. Contingency Planning:

The software used to operate the Navtex stations for the Baltic Sea sub-area is installed at three different locations in Sweden. The software is continuously tested and operated throughout the year.

A number of monitoring stations are used to verify the quality of the Navtex transmissions. Should a Navtex transmitter fail, back up stations are used.

7. Capacity Building:

No coastal state within the Baltic Sea sub-area has been identified as being in need of MSI training.

Other Activities:

Participation in BSHC27 (Baltic Sea Hydrographic Commission).

Meeting in Stockholm, Sweden on September 20 – 22, 2022.

At the meeting the Sub-area coordinator represented the working group BSMSIWG (Baltic Sea MSI Working group) and delivered an annual report.

BSMSIWG: During 2022 one meeting was held on September 8 with participants from the countries surrounding the Baltic Sea, with support from Norway and Navarea I (UK).

Participation in the S-124 Project team.

Participation in the newly formed NSMSIWG chaired by the Navarea I coordinator.

8. NAVAREA Website:

Coastal Navigational Warnings in the Baltic Sea area are published on the SMA website as soon as they are received from any of the National coordinators.

[www.sjofartsverket.se/navigational-warnings](http://www.sjofartsverket.se/navigational-warnings)

The date and time of the last website update is shown at the top of the page once you enter the Navtex list.

9. NAVAREA Contact Information:

No change  
Baltic Sea Sub-area Coordinator  
Swedish Maritime Administration  
NtM Office  
SE-601 78 Norrköping  
SWEDEN  
Telephone: +46 771 63 06 05  
E-mail: [ufs@sjofartsverket.se](mailto:ufs@sjofartsverket.se)  
Website: [www.sjofartsverket.se](http://www.sjofartsverket.se)

10. Recommendations:

None

11. Actions requested:

The Sub-Committee is invited to note the report.

12. Summary:

The Baltic Sea Sub-area Coordinator introduced the Self-Assessment Report, document WVNWS14/2/1/Ib  
No significant change since previous report.

Annex(es):

A. Self Assessment Spreadsheet