

## MSI Self Assessment NAVAREA Ib, Baltic Sea Sub-area

Submitted by Sweden

### SUMMARY

Executive Summary: Overview of activities undertaken within the Baltic Sea Sub-area since WWNWS12

Action to be taken: Paragraph 12

Related documents: None

### 1. Background:

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 by 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 in Annex B. The limit of the Baltic Sea Sub-area is shown as the orange dashed line.

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

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

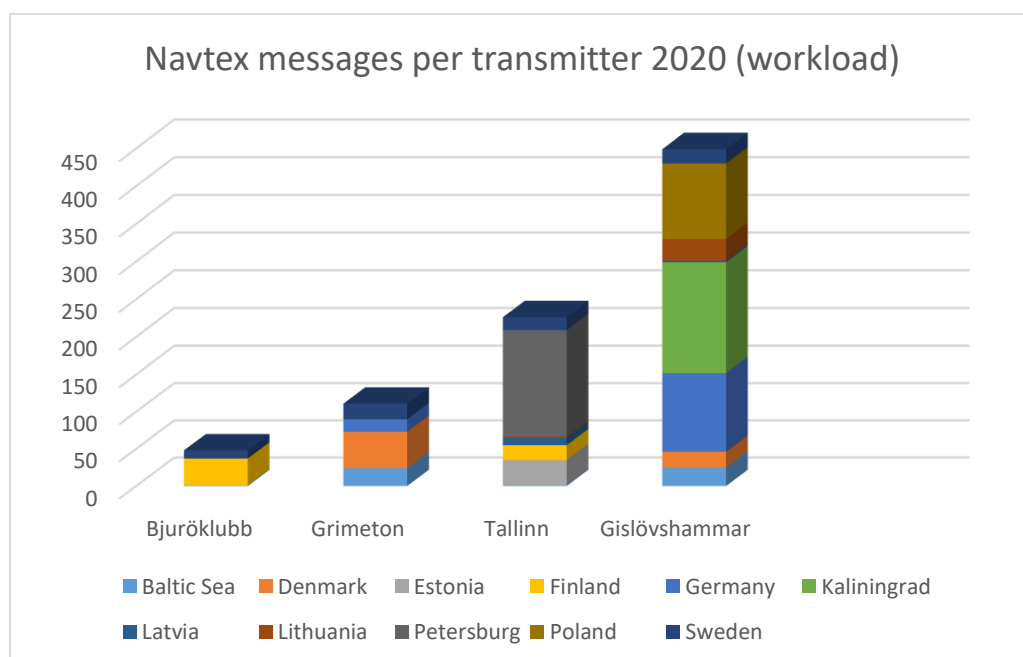
COUNTRY	TELEPHONE	EMAIL	WEBSITE
Denmark	+45 7285 0370	<a href="mailto:vagts@dma.dk">vagts@dma.dk</a> (office hours) <a href="mailto:mas@sok.dk">mas@sok.dk</a> (24h)	<a href="#">Link</a>
Estonia	+372 6205 665	<a href="mailto:navinfo@vta.ee">navinfo@vta.ee</a>	<a href="#">Link</a>
Finland	+358 204 48 6400	<a href="mailto:turku.radio@tmfg.fi">turku.radio@tmfg.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:bhmw@bhmw.gov.pl">bhmw@bhmw.gov.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>

## 2. Comments:

- 2.1 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.
- 2.2 The Baltic Sea NAVTEX transmitters are operated by means of ICS V4 Marine Communication System Version 4.20.3
- 2.3 Statistics  
The Baltic Sea navigational warnings in the table below are warnings covering more than one nation's waters. The chart below illustrates the difference in workload for the transmitters.

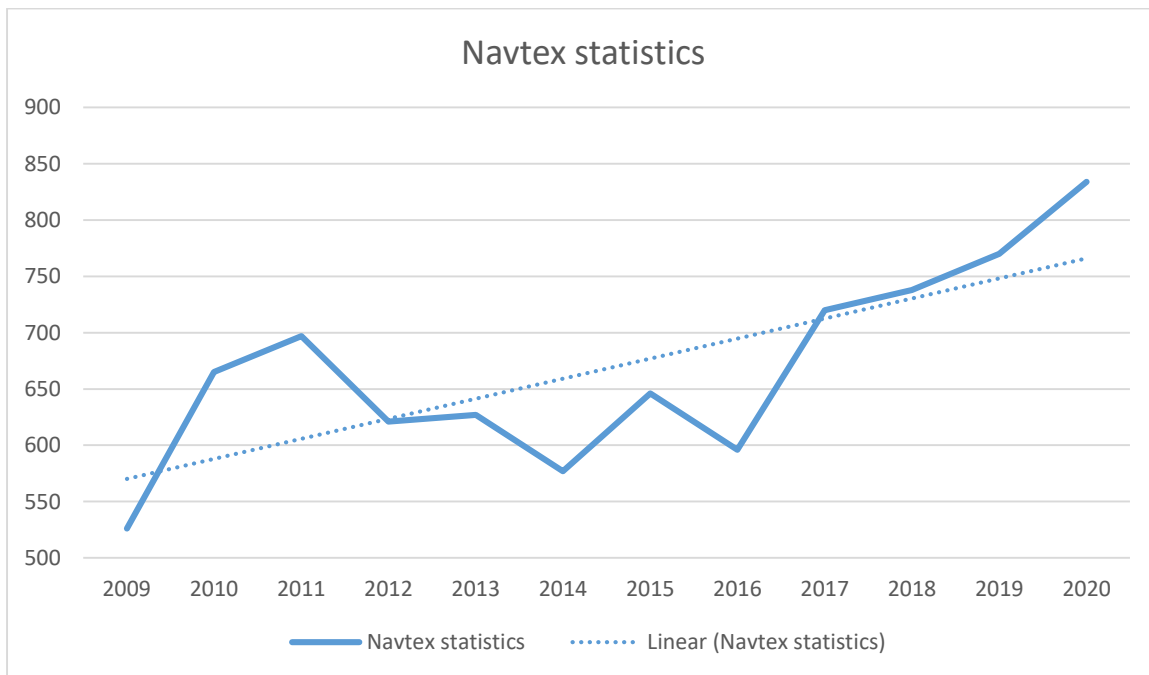
### Sub-area warnings and coastal warnings promulgated 2020

Country	Bjuröklubb (H)	Grimeton (I)	Gislövshammar (J)	Tallinn (F)
Baltic Sea	1	24	25	1
Denmark	0	49	21	0
Estonia	0	0	0	34
Finland	36	0	0	20
Germany	0	17	106	0
Kaliningrad	0	0	147	0
Latvia	0	0	2	10
Lithuania	0	0	29	2
Petersburg	0	0	0	142
Poland	0	0	100	0
Sweden	11	21	19	17
<b>Summary</b>	<b>48</b>	<b>111</b>	<b>449</b>	<b>226</b>



Sub-area warnings and coastal warnings in recent years. The chart below shows the increasing trend:

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



All IHO Member States within the Baltic Sea Sub-area have provided MSI during 2019 and 2020.

One SafetyNET/SafetyCast message was promulgated during 2020. This message was regarding the new TSS in Kattegat. This was done successfully via the NAVAREA I coordinator. This message was also transmitted on the Jeløya transmitter in cooperation with Norway.

The Baltic Sea Sub-area does not have an EGC certificate of authorization from the IMO EGC Coordinating Panel. MSI is not promulgated via satellite in the Baltic Sea.

### 3. NAVTEX Coverage:

The Baltic Sea sub-area is fully covered by the international NAVTEX service on 518 kHz, see diagram, Annex B.

The service is maintained by five main transmitters and two back-up transmitters.

The south part of the Baltic Sea sub area uses the German NAVTEX station Pinneberg, Hamburg as a back-up transmitter.

Germany also operates a national NAVTEX service on 490 kHz, covering the SW Baltic.

#### Contact details for the Baltic Sea sub area NAVTEX Stations

B1	Transmitter	Telephone	E-mail	Status
[H]	Bjuröklubb	+46 771 63 06 85	<a href="mailto:swedentraffic@sjofartsverket.se">swedentraffic@sjofartsverket.se</a>	Operational
[F]	Tallinn	+372 699 11 70	<a href="mailto:tallinnradio@riks.ee">tallinnradio@riks.ee</a>	Operational
[J]	Gislövshammar	+46 771 63 06 85	<a href="mailto:swedentraffic@sjofartsverket.se">swedentraffic@sjofartsverket.se</a>	Operational
[I]	Grimeton	+46 771 63 06 85	<a href="mailto:swedentraffic@sjofartsverket.se">swedentraffic@sjofartsverket.se</a>	Operational
[M]	Jeløya	+47 516 42 480	<a href="mailto:kystradio.sor@telenor.com">kystradio.sor@telenor.com</a>	Operational

### 4. Operational Issues:

Coastal State/Country	Number of MSI mess.	Topics/Subjects of messages
Denmark	70	Aids to navigation
Estonia	34	Military exercises
Finland	56	Pilotage suspended. Aids to nav.
Germany	123	Aids to navigation. SAR exercises
Latvia	12	Military exercises
Lithuania	31	Military exercises
Poland	100	Military exercises
Kaliningrad	147	Military exercises
St Petersburg	142	Military exercises
Sweden	68	Aids to navigation. Underwater ops.

The general procedure for Navigational warnings is to transfer the information to Notice to Mariners to keep the number of active navigational warnings to a minimum.

### 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	Certificates for all recognised service providers	IMO Master Plan updated
Ib	YES	YES	YES	YES	YES	YES	N/A	YES

### 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 Swedentraffic center in Södertälje, the main office for SMA in Norrköping and the office of the Baltic Sea sub area coordinator in Gothenburg. The software is continuously tested and operated throughout the year.

A number of automatic monitoring stations are used to verify the quality of NAVTEX transmissions. In case of NAVTEX station failure, back up stations are used according to the map in Annex B.

## **7. Capacity Building:**

To maintain a high quality service throughout the sub-area, the different nations included in the Baltic Sea Sub-area have a long history of openness, transparency and cooperation with issues regarding MSI.

No coastal state within the Baltic Sea Sub-area is identified as being in need of MSI training and assistance.

## **8. Other Activities:**

Participation in BSHC25 (Baltic Sea Hydrographic Commission).

Remote meeting September 22, 2020. At the meeting I represented the working group BSMSIWG (Baltic Sea MSI Working Group) and presented my annual report.

Chair of the BSMSIWG. Two remote meetings was held successfully during 2020 with approximately 25 participants from most countries in the Baltic Sea region, with extra support from Norway and UK, represented by Navarea I coordinator and IMO Navtex Coordinating panel. All nations with the exemption of one has good representation and communication.

Participation in the S-124PT meeting in June 2020 and in a smaller team, producing a list of Navigational warning types and categories and writing definitions to the listed warning types.

Participated in the Swedish delegation at NCSR8, which was held remotely in April 2021.

Some considerable work was done at the Hydrographic office at Swedish Maritime Administration during the fall of 2020 to try to get the STM system as a fully operational service to provide Navigational Warnings to vessels in the Baltic Sea area. The decision was not to proceed further at this point, but to wait for a more mature version of the S-124 system. The STM project was cancelled, but some of the services developed within the project are now functional services.

## **9. NAVAREA Website:**

Extensive work is being done to modernize the SMA website. Some links to the website must be updated to be functional.

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.

Almost all countries in the area present their national navigational warnings on the internet. Links to the websites are posted under the Operational point of contact list on page 1 of this report.

**10. NAVAREA Contact Information:**

Updated contact details.  
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) (updated information)

**11. Recommendations:**

None.

**12. Actions requested:**

The Sub-Committee is invited to note the report.

**13. Summary:**

The Baltic Sea Sub-area Coordinator introduced the Self-Assessment Report, document WWNWS13/3/2/Ib

No significant change to notice since our previous report to WWNWS12.

Annexes:

- A. Self Assessment Spreadsheet
- B. Map of Navtex service over the Baltic Sea Sub-area

Annex B:

