

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 WWNWS11

Action to be taken: Paragraph 12

Related documents: None

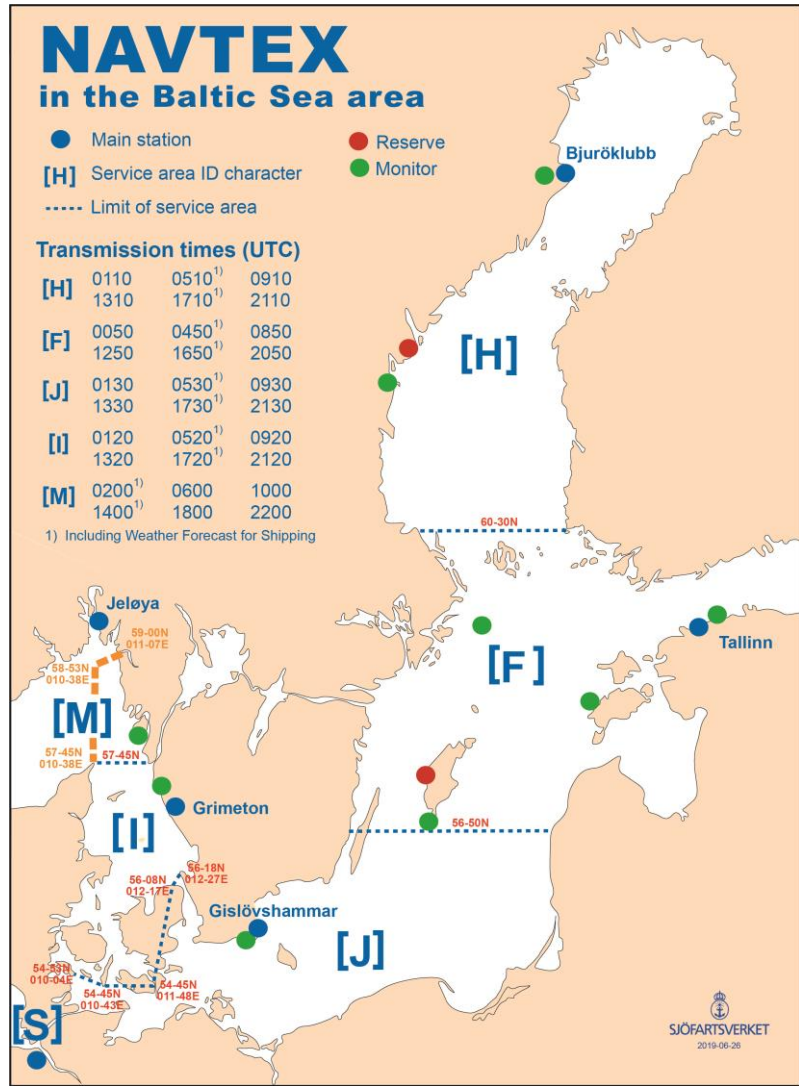
1. Background:

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. 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	vagts@dma.dk (office hours) mas@sok.dk (24h)	Link
Estonia	+372 6205 665	navinfo@vta.ee	Link
Finland	+358 204 48 6400	turku.radio@tmfg.fi	Link
Germany	+49 4927 1877283	seewarndienst.wsa-emd@t-online.de	Link
Latvia	+371 67 32 31 03	navarea@lhd.lv sar@mrcc.lv	Link
Lithuania	+370 618 12 591	mardep@ltsa.lt	Link
Poland	+48 261 266 208	bhmw@bhmw.gov.pl	Link
Russian Federation	+7 812 717 59 00	unio_navarea@mil.ru	Link
Sweden	+46 771 63 06 85	swedentraffic@sjofartsverket.se	Link

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.

Sub-area warnings and coastal warnings promulgated 2019

Country	Bjuröklubb (H)	Grimeton (I)	Gislövshammar (J)	Tallinn (F)
Baltic Sea	8	22	27	5
Denmark	0	41	16	0
Estonia	0	0	0	34
Finland	18	0	0	28
Germany	0	9	99	0
Kaliningrad	0	0	96	0
Latvia	0	0	8	9
Lithuania	0	0	37	0
Petersburg	0	0	0	113
Poland	0	0	113	0
Sweden	11	18	32	26
Summary	37	90	428	215

Sub-area warnings and coastal warnings in recent years:

Nation	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Baltic Sea NW	28	37	38	34	23	45	44	52	58	72	62
Danish NW	98	87	117	91	89	79	63	42	43	52	57
Estonian NW	3	7	5	11	9	6	7	26	41	30	34
Finnish NW	28	91	53	49	35	25	47	30	48	47	46
German NW	73	99	92	92	120	118	145	86	91	132	108
Latvian NW	24	20	27	16	15	10	14	9	17	10	17
Lithuanian NW	27	34	31	30	65	46	30	35	30	29	37
Polish NW	70	74	78	70	101	107	115	100	109	91	113
Kaliningrad NW	49	66	68	68	57	70	67	91	107	123	96
St Petersburg NW	29	33	32	40	24	27	29	66	134	81	113
Swedish NW	97	117	156	120	89	44	85	59	42	71	87
TOTAL	526	665	697	621	627	577	646	596	720	738	770

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

No SafetyNET/SafetyCast messages were promulgated during 2019.

There are no plans for obtaining an Iridium contract agreement. We are not involved in testing and will not have full operational use of the SafetyCast system since we do not promulgate MSI on any satellite system.

3. NAVTEX Coverage:

The Baltic Sea sub-area is fully covered by the international NAVTEX service on 518 kHz, see diagram on page 1. 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	swedentraffic@sjofartsverket.se	Operational
[F]	Tallinn	+372 699 11 70	tallinnradio@riks.ee	Operational
[J]	Gislövshammar	+46 771 63 06 85	swedentraffic@sjofartsverket.se	Operational
[I]	Grimeton	+46 771 63 06 85	swedentraffic@sjofartsverket.se	Operational
[M]	Jeløya	+47 516 42 480	kystradio.sor@telenor.com	Operational

4. Operational Issues:

The MSI information in the Sub-area generally concern military exercises (Estonia, Latvia, Lithuania Poland and Russian Federation) and aids to navigation (Denmark, Finland, Germany and Sweden)

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 Swedetraffic office 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 on page 1.

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.

8. Other Activities:

Baltic Sea MSI Working Group (BSMSIWG)

To facilitate the collaboration within the sub-area, the working group [BSMSIWG](#) now has on-line meetings every 6 months, biannual face-to-face meetings and reports to [BSHC](#). Mr Johan von Bültzingslöwen was elected chair of the working group at the BSHC24 meeting in September 2019. The first meeting of the working group was held on-line on May 26, 2020.

Participated via skype, with the Navarea I, Navarea III and Navarea XIX Coordinators, a European Geostationary Navigation Overlay Service (EGNOS) Workshop held in Madrid on 29th and 30th October 2019. Its purpose was to agree the method to be used for the provision of EGNOS related MSI to the mariner.

Participated in S-124 project team activities.

Sea Traffic Management ([STM](#))

STM has now reached fully operational service including a service to present Baltic Sea navigational warnings on the ships ECDIS system.

9. NAVAREA Website:

Coastal Navigational Warnings in the Baltic Sea area are published automatically, as soon as they are received from any of the National coordinators, on the sub-area website:

www.sjofartsverket.se/baltico

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 2 of this report.

10. 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

Website: www.sjofartsverket.se/baltico

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 WWNWS12/2/1-Ib

No significant change to notice since our previous report to WWNWS11.

Annex:

A. Self Assessment Spreadsheet