

MSI Self Assessment NAVAREA I, Baltic Sea Sub-area

Submitted by Sweden

SUMMARY

Executive Summary: Report of activities within the Baltic Sea Sub-area since WWNWS10

Action to be taken: None

Related documents: None

1. Background:

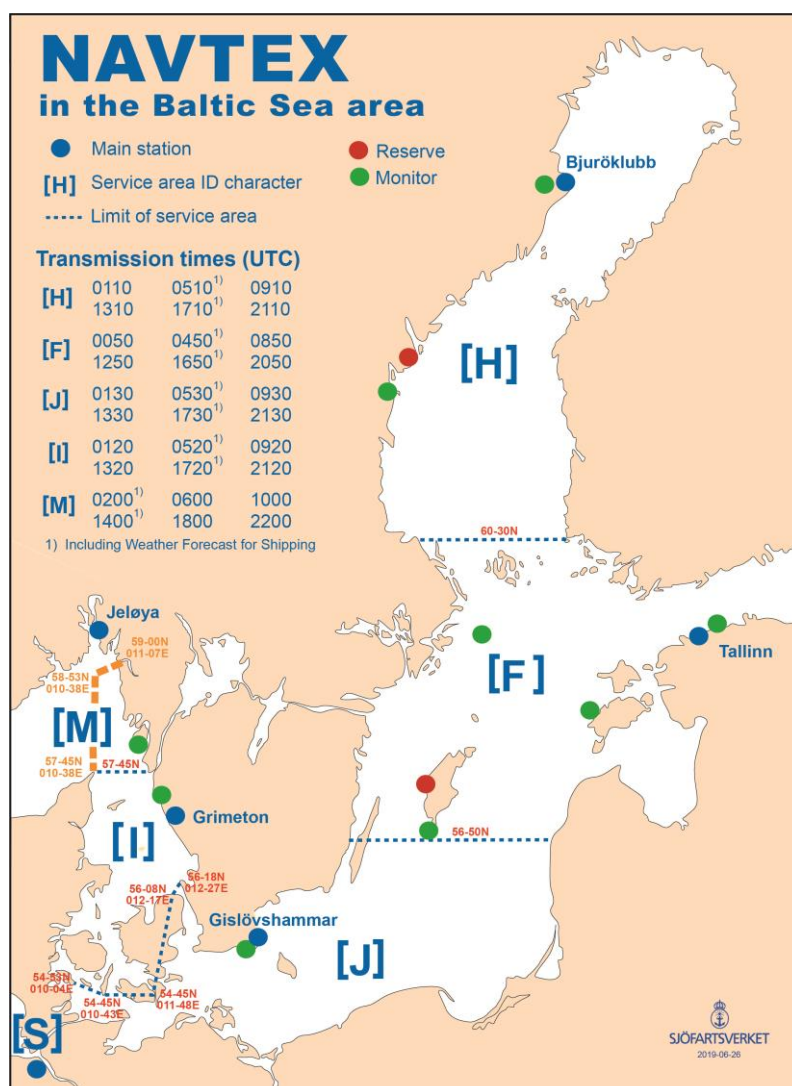
The Baltic Sea Sub-area is part of Navarea I and comprises of the waters of Skagerrak, Kattegat, Baltic Sea, Gulf of Finland, Sea of Bothnia and Bay of Bothnia.

Limit of Baltic Sea Sub area from Skaw, Denmark up to the Sweden/Norway border:

57° 45'N, 010° 38'E to
58° 53'N, 010° 38'E to
59° 00'N, 011° 07'E

The map shows boundaries between NAVTEX service areas, location of transmitters and broadcast schedule. The orange dashed line is the western limit of the Baltic Sea Sub-area.

As reported to WWNWS10, the transmission times for the Tallinn NAVTEX station was changed during 2018. No disturbances or problems regarding the change have been reported.



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 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.

2.2 Transmission software

The Baltic Sea NAVTEX transmitters are operated by means of ICS V4 Marine Communication System Version 4.20.3

Sub-area warnings and coastal warnings promulgated 2018

Country	Bjuröklubb (H)	Grimeton (I)	Gislövshammar (J)	Tallinn (F)
Baltic Sea	2	29	34	7
Denmark	0	36	16	0
Estonia	0	0	0	30
Finland	22	0	0	25
Germany	0	8	124	0
Kaliningrad	0	0	123	0
Latvia	0	0	7	3
Lithuania	0	0	29	0
Petersburg	0	0	0	81
Poland	0	0	91	0
Sweden	4	18	26	23
Summary	28	91	450	169

Sub-area warnings and coastal warnings in recent years

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

Information about annual quantity of MSI data received, by which method the data was received and/or the time elapsed prior to the first broadcast is not available.

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:

4.1 In force warnings

All coastal navigational warnings are broadcast on NAVTEX as long as they are in force. The in-force warnings are transmitted at all regular transmission times if possible. The limited transmission time is sometimes the cause of some warnings not to be included.

When a navigational warning is expected to be in-force for a long period of time, the information will be published in a temporary NtM. The NW will then be cancelled.

Once a week Swedentrafic issues “in force bulletin” listing B₁B₂B₃B₄ and “NavWarn identifier” for all coastal navigational warnings that are in force in the Baltic Sea sub area. The bulletin is transmitted with B₂=A, once on each NAVTEX station.

4.2 Change of Tallinn B₁ character

The B₁ for Tallinn transmitter was changed from [U] to [F] in 2018. No disturbances or problems regarding the change have been reported.

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 Swedentrafic 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.

Emergency plan and actions in case of transmitter failure is planned to be revised until WWNWS12.

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:

The countries included in the Baltic Sea sub area have a long history of openness and transparency with issues regarding MSI. The biennial BALTICO meetings, now superseded with the BSMSIWG is used as a forum to exchange information and experiences for the national coordinators. More information under 8.1.

8. Other Activities:

8.1 Baltic Sea MSI Working Group (BSMSIWG)

The Baltic Sea Hydrographic Commission BSHC23 in August 2018 decided that the BSMSIWG should supersede the BALTICO meetings held every 2nd year with representatives from all coastal states surrounding the Baltic Sea.

The Baltic Sea sub area coordinator Mrs Malin Liljenborg was elected chair of the working group. Mrs Liljenborg resigned from her position at the Swedish Maritime Administration in April 2019, and her colleague Mr Johan von Bültzingslöwen has resumed the position as Sub area coordinator, and acting chair of BSMSIWG.

The acting chair plan to maintain the same goals for the BSMSIWG as the BALTICO meetings. To harmonize and improve MSI service in the Baltic Sea sub area by exchanging experience and to learn from each other.

The first meeting of the BSMSIWG is planned to be held in Helsinki in May 2020.

The BSMSIWG website is listed under “Working groups” at www.bshc.pro . The website is currently under development.

8.2 STM validation project

The STM validation project is developing a navigational warning service according to the S-124 standard and currently has 300 vessels testing the service in the Baltic Sea area.

www.stmvalidation.eu/

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 website update date and time 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:

Nil.

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 covering the period since the WWNWS10.

The working group BSMSIWG has superseded the BALTICO meetings.