

MSI Self Assessment NAVAREA I, Baltic Sea Sub-area

Submitted by Sweden

SUMMARY

Executive Summary: Report of activities within Baltic Sea Sub-area since WWNWS 7

Action to be taken: Note the report

Related documents: None

1. Background:

The Baltic Sea Sub-area is part of Navarea I and comprises the waters eastward of a line joining

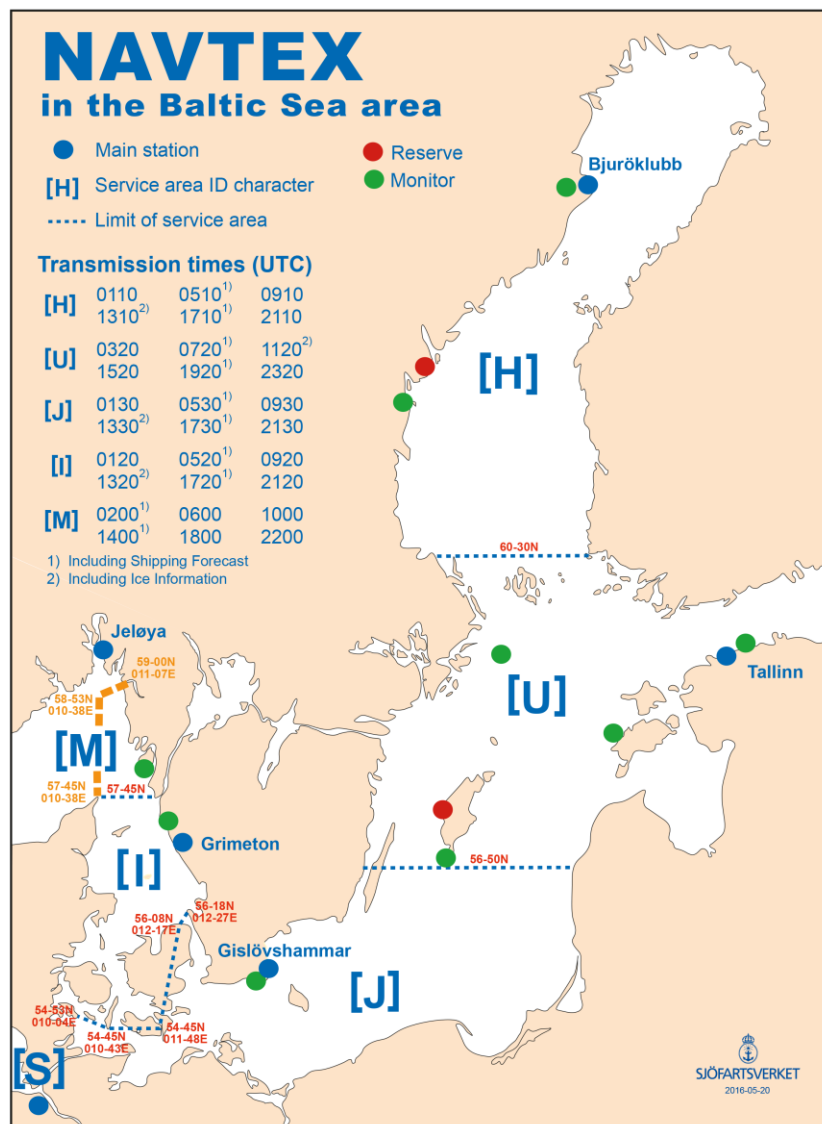
57-45N 010-38E Skagen, Denmark

58-53N 010-38E

59-00N 011-07E Norway/Sweden boundary

The adjoining map shows details about NAVTEX transmission times and boundaries between service areas.

The orange dashed line is the western limit of the Baltic Sea Sub-area.



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

Country	Telephone (h24)/	E-mail	Website with current Navigational Warning
Denmark	+45 7285 0370	vagts@dma.dk (office hours) mas@sok.dk (24h)	http://www.dma.dk/Ships/Sider/MaritimeSafetyInformation.aspx
Estonia	+372 6205 665	navinfo@vta.ee	http://adam.vta.ee/teenused/tm/KehtivadNavigatsioonihoiatused/KehtivadNavigatsioonihoiatused.txt
Finland	+358 204 48 6400	turku.radio@fta.fi	https://extranet.liikennevirasto.fi/pooki_www/merivaroitukset/list_en.html
Germany	+49 (0) 4927 1877283	seewarndienst.wsa-emd@t-online.de	http://www.bsh.de/aktdat/nwn/nwn-ost.pdf
Latvia	+371 67323103	navarea@lhd.lv , sar@mrcc.lv	http://www.navtex.lv http://www.lhd.lv
Lithuania	+370 618 12 591	hydrography@msa.lt	http://www.msa.lt/en/hydrography/navigational-warnings-and-kq74/notices-to-mariners-scx9.html
Poland	+48 261 266 208	bhwmw@bhwmw.gov.pl	http://www.hopn.mw.mil.pl/index.php?akcja=on
Russian Federation	+7 812 717 59 00	unio_navarea@mil.ru	http://structure.mil.ru/structure/forces/hydrographic/info/navwar.htm (only navarea XIII)
Sweden	+46 771 63 06 85	msi@sjofartsverket.se	http://www.sjofartsverket.se/baltico

Note: Telefax numbers are not shown as FAX not always is monitored H24

2. Comments:

The IMO GMDSS Master Plan was reviewed in June 2015.

The Swedish NAVTEX transmitters are operated by means of ICS V4 NAVTEX Ver 4.30.3 updated 2014.

Sub-area warnings and coastal warnings promulgated

Nation	2009	2010	2011	2012	2013	2014	2015
Baltic Sea Nav Warn	28	37	38	34	23	45	44
Danish Nav Warn	98	87	117	91	89	79	63
Estonian Nav Warn	3	7	5	11	9	6	7
Finnish Nav Warn	28	91	53	49	35	25	47
German Nav Warn	73	99	92	92	120	118	145
Latvian Nav Warn	24	20	27	16	15	10	14
Lithuanian Nav Warn	27	34	31	30	65	46	30
Polish Nav Warn	70	74	78	70	101	107	115
Kaliningrad Nav Warn	49	66	68	68	57	70	67
St Petersburg Nav Warn	29	33	32	40	24	27	29
Swedish Nav Warn	97	117	156	120	89	44	85
TOTAL	526	665	697	621	627	577	646

NAVTEX service area	SWE	FIN	PET	EST	LAT	LIT	KAL	POL	GER	DEN	BAL	Total
Bjuröklubb (H)	4	12	0	0	0	0	0	0	0	0	3	19
Grimeton (I)	17	0	0	0	0	0	0	0	0	32	12	61
Gislövshammar (J)	44	0	0	0	2	30	67	115	145	31	25	459
Tallinn (U)	20	35	29	7	12	0	0	0	0	0	4	107
TOTAL	85	47	29	7	14	30	67	115	145	63	44	646

Information about yearly quantity of MSI data received, by which method the data were received or the time elapsed before 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 regular transmitter sites and two reserve sites. In the southern part of the region the German Navtex station Pinneberg, Hamburg, is used as reserve.

Additionally Germany is operating a national NAVTEX-service on 490 kHz covering the SW Baltic.

Contact details for NAVTEX Stations

B ₁	Transmitter	Telephone	E-mail	Status
[H]	Bjuröklubb	+46 771 63 06 85	msi@sjofartsverket.se	Operational
[U]	Tallinn	+372 699 11 70	tallinnradio@riks.ee	Operational
[J]	Gislövshammar	+46 771 63 06 85	msi@sjofartsverket.se	Operational
[I]	Grimeton	+46 771 63 06 85	msi@sjofartsverket.se	Operational
[M]	Jeløya	+47 51 69 00 44.	rogaland.radio@telenor.com	Operational

4. Operational Issues:

All coastal navigational warnings are broadcast on NAVTEX as long as they are in force, if possible at all regular transmission times.

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

All navigational warnings that are in force are also available on the Baltico webpage: <http://www.sjofartsverket.se/baltico>

Disturbance to NAVTEX.

The Mediterranean NAVTEX station Mondolfo, Italy, is during nighttime interfering with the Baltic Sea station Tallinn in Estonia. The IMO NAVTEX Coordinating panel has been contacted and will discuss the problem with the Italian authorities.

New system for administration of MSI in Sweden

The new system “Sea Traffic” was taken in operation in the spring of 2016. It is a tool for managing most of the different tasks that are dealt with at the center SWEDEN TRAFFIC, among which MSI is one.

As all “cases” that are dealt with have a geographical reference, the system is based on a map-tool and each “case”, such as a Navigational Warning, is created from the map

Changes of names of water areas and limits between areas.

As a result of the work in the S-23 WG (Revision of the publication S-23, Limits of Oceans and Seas) the regional BSHC 19th conference in June 2014 agreed on changes to names of sea areas, of which the following will affect MSI:

Sea area	Change
Sea of Bothnia	name changed to Bothnian Sea
Sea of Åland	name changed to Åland Sea
Northern Baltic	limit with Gulf of Finland moved east
Central Baltic	name changed to Middle Baltic and limit with Southern and South-eastern Baltic moved north
Western Baltic	Limit with Great and Little Belt moved
Kattegat	Limit with Great and Little Belt moved

At the Baltico Meeting 2016 it was decided that the changes have to be considered in MSI. It was further decided that the meteo organizations of Sweden and Finland, SMHI and FMI, should address the question to WMO (World Meteorological Organization), as the changes

must be harmonized between Hydrographic, Meteorological and other authorities dealing with MSI, in and outside of the Baltic Sea area.

The changes will not only affect MSI but also NtM, Nautical Publications, web sites etc.

EfficienSea2

is an ongoing EU project which will include solutions to improve the MSI and NtM services to shipping. During a test period in the summer 2017 NM and Nav Warn will be entered in S-124 format into a web form and on trial made available to ships.

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	IMO Master Plan updated
Ib	YES	YES	YES	YES	YES	YES ¹⁾	YES

1) Only NAVTEX service is provided, which imply 6 scheduled broadcasts.

6. Contingency Planning

The software for operating the NAVTEX stations is installed at two separate offices, MSI SWEDEN in Södertälje and the BALTICO OFFICE in Norrköping, with approx. 120 km distance between.

If any of the NAVTEX stations is unusable for some reason, other stations in Sweden or in neighbouring countries can be used according to a plan.

A number of automatic monitoring stations exist to verify the quality of NAVTEX transmissions, see map on page 1.

The NAVTEX transmissions should also be monitored by the national co-ordinators by means of appropriate located receivers on the own coast.

LHD (Latvia) and a Norwegian radio amateur have automatic monitoring systems available on the Internet. These sites are also useful to verify the quality of NAVTEX transmissions (see [Latvia](#) and [Norway](#)).

7. Capacity Building:

At the biennial Baltico Meetings, which are gathering National Co-ordinators from the Baltic Sea nations, questions like drafting warnings, criteria for issuing warnings etc. are on the agenda.

8. Other Activities:

Baltico Meeting

Baltico Meeting is arranged every 2nd year in one of the Baltic Sea countries. At the meetings new ideas and problems are discussed and experiences are exchanged. Prior to the meetings each participating organisation makes a report ([Reporting template](#)) which is posted on the website <http://www.sjofartsverket.se/balticomeeting>.

The 7th Baltico Meeting was arranged by The Estonian Maritime Administration and RIKS (Tallinn Radio) in Tallinn the 24th and 25th of May 2016.

9. NAVAREA Website:

New Navigational Warnings are automatically published as soon as they are drafted at <http://www.sjofartsverket.se/baltico>. It is possible to "subscribe" to new warnings for a certain area or all areas. Date and time for latest update is shown on the top of page.

10. NAVAREA Contact Information:

NO CHANGE

Baltic Sea Sub-area Coordinator
Swedish Maritime Administration

NtM/BALTICO

SE-601 78 Norrköping

SWEDEN

Tel: +46 771 63 06 05

E-mail: ufs@sjofartsverket.se

Website: www.sjofartsverket.se/baltico

11. Recommendations:

None.

12. Actions requested:

Note the information.

13. Summary:

The Baltic Sea Sub-area Coordinator introduced the Self-Assessment Report covering the period since the previous conference.

He stressed problems with an Italian NAVTEX station interfering with the Estonian station Tallinn [U]. He informed also about some changes to names and limits of sea areas in the Baltic Sea, which will affect MSI, nautical publications etc. He also mentioned the project EfficienSea2, which will make NavWarn and NM available in S-124 format.