

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 9

Action to be taken: None

Related documents: None

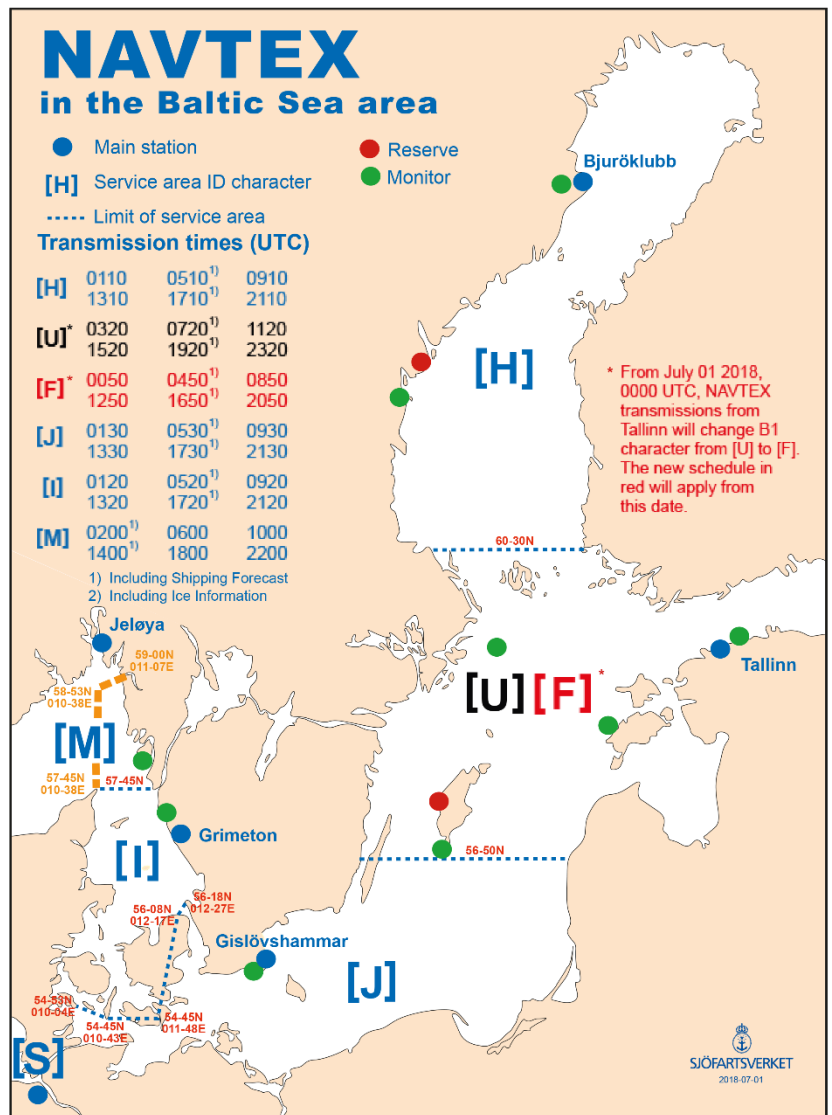
1. Background:

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 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.

Tallinn NAVTEX station changed B1 character from [U] to [F] on 1st of July 2018, see 4b.



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	vaqts@dma.dk (office hours) mas@sok.dk (24h)	https://nautiskinformation.soefartsstyrelsen.dk/index.html#messages/map
Estonia	+372 6205 665	navinfo@vta.ee	http://gis.vta.ee/navhoiatused/en.html
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/akt/dat/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://old.msa.lt/msa/en/hydrography/navigational-warnings-and-kq74/notices-to-mariners-scx9.html
Poland	+48 261 266 208	bhwm@bhwm.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	swedentraffic@sjofartsverket.se	http://www.sjofartsverket.se/baltico New e-mail 1st July 2018

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

2. Comments:

Upon changes to the infrastructure, schedules etc., updates to IMO GMDSS Master Plan is sent to IMO by the Swedish Transport Agency, in co-operation with the Swedish Maritime Administration. (Amendments to Annex 2 regarding Sweden, removal of VHF DSC Coast Stations that are located in the inland sea area, has been sent to IMO and will be implemented in August 2018)

The Swedish NAVTEX transmitters are operated by means of ICS V4 NAVTEX Ver 4.20.3 updated 2014.

Sub-area warnings and coastal warnings promulgated 2017

NAVTEX service area	SWE	FIN	PET	EST	LAT	LIT	KAL	POL	GER	DEN	BAL	Total
Bjuröklubb (H)	4	26	0	0	0	0	0	0	0	0	3	33
Grimeton (I)	8	0	0	0	0	0	0	0	2	22	24	56
Gislövshammar (J)	14	0	0	0	8	29	107	109	89	21	27	404
Tallinn (U)	16	22	134	41	9	1	0	0	0	0	4	227
TOTAL	42	48	134	41	17	30	107	109	91	43	58	720

Sub-area warnings and coastal warnings in recent years

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

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 at the moment, but may be available from 2019.

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 (new E-mail address to the Swedish stations)

B ₁	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 51 69 00 44.	rogaland.radio@telenor.com	Operational

* Changed from [U] 1st of July, 2018

4. Operational Issues:

a. In force warnings

All coastal navigational warnings are broadcast on NAVTEX as long as they are in force, if possible at all regular transmission times. If the conditions described in a navigational warning is expected to have long duration a T-NM will also be issued and the Nav Warn will be cancelled in appropriate time.

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.

b. Disturbance to NAVTEX [U]

As the Mediterranean NAVTEX station Mondolfo [U], Italy, was interfering with the Tallinn [U] station during nighttime, it was decided to change the B1 character for Tallinn to [F]. This was successfully done 1st of July this year.

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. The aim of these meeting is to harmonize and improve the MSI services by exchanging experiences and by learning from each others and from international bodies and organization. Prior to the meetings each participating organisation makes a report ([Reporting template](#)) which is posted on the website <http://www.sjofartsverket.se/balticomeeting>.

The 8:th Baltico Meeting was hosted by the Russian Federation in St Petersburg in April 2018.

Sweden has sent in a paper to the Baltic Sea Hydrographic Commission, BSHC, suggesting that the existing Balticomeeting forum should be organized as a permanent Working Group under BSHC with the name Baltic Sea MSI Working Group (BSMSIWG)

9. NAVAREA Website:

Coastal Navigational Warnings in the Baltic Sea region are automatically published on the sub-area website <http://www.sjofartsverket.se/baltico>, as soon as they are received from any of the national co-ordinators. Date and time for latest update is shown on the top of page.

Almost all countries in the region present their national navigational warnings on the Internet. However, the way to present Nav Warn on the Internet differs between countries..

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. She informed that the Estonian NAVTEX station Tallinn changed B1 character to [F] to solve the problems regarding the Italian NAVTEX station Mondolfo interfering with Tallinn.