

MSI Self Assessment NAVAREA I - Baltic Sea Sub-area

Submitted by SWEDEN, HO of Swedish Maritime Administration

SUMMARY

Executive Summary: Description of the Baltic Sea sub-area and a synopsis of its MSI-activities since previous meeting

Action to be taken: To be noted

Related documents: None

1. Background:

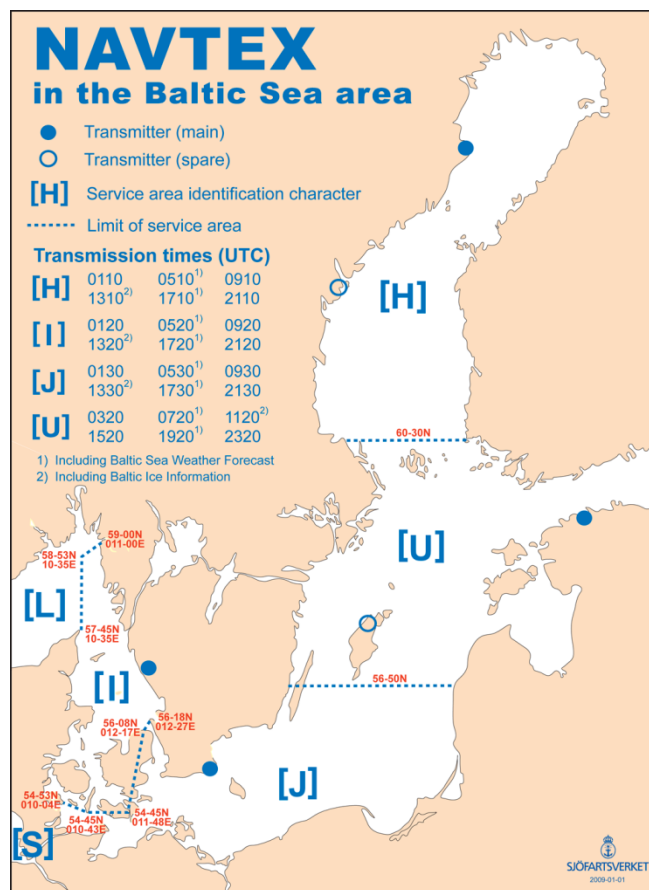
The Baltic Sea Sub-area is part of Navarea I and comprises the waters eastward of the boundary between the NAVTEX service areas **L** and **I**, see adjoining map.

Following nations are within the sub-area:
Denmark, Estonia, Finland, Germany, Latvia, Lithuania, Poland, Russian Federation and Sweden.

2. Comments:

The table below shows the number of Navigational Warnings that were transmitted on NAVTEX during the past three years

Nation	2006	2007	2008
Sweden	75	66	97
Finland	29	29	13
Russian Federation	69	165	48
Estonia	29	6	5
Latvia	17	17	22
Lithuania	22	32	34
Poland	90	86	72
Germany	54	127	71
Denmark	89	123	105
TOTAL	474	642	467



3. NAVTEX Coverage:

The Baltic Sea sub-area is fully covered by the international NAVTEX service on 518 kHz, see diagram on page 1. This service is maintained by four regular transmitter sites and two reserve sites.

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

4. Operational Issues:

.1 Due to reports of poor Navtex reception in Skagerrak and northern Kategat an extensive field strength measurements were carried out in October 2008. The measurements confirmed unacceptable poor signals but no fault could initially be detected at the following troubleshooting. After further investigation it was discovered that a slight confusion of aerials had taken place in connection to a restoration of the antenna masts. This incident shows the importance of continuous monitoring of transmissions and checks of power output and regular field strength measurements as well as strict routines regarding maintenance etc. and a contingency plan.

.2 A form for sending MSI to Baltico has been introduced on the Baltico website. The form is intended to fully replace the use of e-mail for sending MSI to the NAVTEX co-ordinator. The website is protected by password and in addition only specified IP-addresses are allowed to enter the form.

Templates, instructions and recommendations for drafting navigational warnings are integrated in the form. This will make it easier for the national co-ordinators to draft warnings in accordance with S-57 and the Navtex Manual.

The image shows a web form titled "Form for sending navigational warnings to BALTICO". The form is divided into several sections with various input fields and buttons. Red boxes with numbers 1 through 8 point to specific parts of the form, providing instructions for their use.

1) Insert time of origin here. Format: DDHHMM.

2) Drop list with following alternatives: JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, DEC

3) Drop list with following alternatives: BALTIC SEA NAV WARN, DANISH NAV WARN, ESTONIAN NAV WARN, FINNISH NAV WARN, GERMAN NAV WARN, KALININGRAD NAV WARN, LATVIAN NAV WARN, PETERSBURG NAV WARN, POLISH NAV WARN, SWEDISH NAV WARN

4) Insert number of Nav Warn, 000 - 999.

5) Here you choose one or more areas from following list: BAY OF BOTHNIA, THE QUARK, SEA OF BOTHNIA, SEA OF AALAND, ARCHIPELAGO SEA, GULF OF FINLAND, NORTHERN BALTIC, GULF OF RIGA, LAKE MALAREN, CENTRAL BALTIC, SOUT-EASTERN BALTIC, SOUTHERN BALTIC, SOUTH-WESTERN BALTIC, THE BELTS, THE SOUND, KATTEGAT, SKAGERRAK, LAKE VANERN.

6) Write or paste in the text here

7) Here you may write a message to Baltico, ex. "Please start transmission before it is getting dark"

8) Here you may insert one or many e-mail addresses to which you would like to address a copy of the warning.

The form includes fields for "Time of origin", "Message identifier", "General area", and "Message". There is a "Send to BALTICO" button and a "Help" button. A section titled "Notes and instructions to BALTICO" contains a list of light-buoys. A "Send a copy via e-mail to:" field is also present.

When clicking this button the warning will be sent as an e-mail to the Baltico Office in Norrköping and to Stockholmradio, as well as to the e-mail addresses given in box No 8

5. Quality Management Survey

Valid for the NAVTEX service in the Baltic Sea sub-area:

NAVAREA	ISO 9001 - 2000	Promulgate "In-Force" Bulletins	Promulgate "No-Warning" Messages	Monitor Broadcast in almost real time	24/7 contact information provided	Promulgate two scheduled broadcasts	IMO Master Plan updated
I Sub-area	Yes	Yes	Yes	Yes	Yes	6 (Navtex)	Yes

6. Capacity Building:

Nothing to report

7. Other Activities:

Baltico Meeting. A biennial meeting which gathers national MSI co-ordinators and meteorologists within the Baltic Sea sub-area is arranged every second year. The latest meeting took place in Hamburg in April 2008 and the following will be held in Poland in June 2010. Documents and meeting information are available on http://www.sjofartsverket.se/templates/SFVXPage_9731.aspx .

EUWG (T and P information in ENC). On request from the Chairman of WWNWS the Baltic Sea sub-area co-ordinator has been a member of the IHO correspondence group EUWG (task: how to deal with Temporary and Preliminary information in ENC) to act as an MSI adviser on behalf of WWNWS.

International Conferences.

The Sub-area co-ordinator has been represented at following international conferences:

2008 August	BSHC, Baltic Sea Hydrographic Commission	Rostock
2008 September	BBRC, Baltic/Barents Sea Regional Co-operation on matters relating to COMSAR	Haugesund
2009 May	NHC, Nordic Hydrographic Commission	Helsinki

8. NAVAREA Website:

Navigational warnings are currently published on following websites:

Sun-area	http://www.sjofartsverket.se/baltico
Denmark	http://www.frv.dk/en/ifm/frv_eft/nauinfo.php?lan=en
Finland	http://www.fma.fi/e/services/information-services/warnings/
Germany	http://www.bsh.de/aktdat/nwn/nwn-ost.pdf
	http://www.dwd.de (live NAVTEX)
Latvia	http://www.navtex.lv/index.php (live NAVTEX)
Lithuania	http://www.msa.lt/index.php/en/35817/
Poland	http://hopn.mw.mil.pl/index.php?akcja=news
Sweden	http://www.sjofartsverket.se/baltico

9. SUB-AREA Contact Information*:

Tel:	+46 11 19 10 45	h24
	020 33 11 66	h24 (free of charge for calls from Sweden)
Fax:	+46 11 23 89 45	office hours
	+46 8 601 79 69	after office hours (Stockholmradio)
e-mail:	ntm.baltico@sjofartsverket.se	office hours
	baltico@stockholmradio.se	after office hours (Stockholmradio)
VHF:	16 and traffic channels	via Stockholm Radio
Mail	Swedish Maritime Administration BALTICO SE-601 78 Norrköping SWEDEN	
Web	http://www.sjofartsverket.se/baltico	

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** Nothing changed since previous year*

10. Recommendations:

None

11. Actions requested:

Note the information provided

12. Synopsis:

The Baltic Sea Sub-area Co-ordinator presented his yearly report in which he also informed about a web form for reporting navigational warnings to the Navtex co-ordinator, which will improve the quality of MSI in the area.