

**MSI Self Assessment NAVAREA I, Baltic Sea Sub-area**

Submitted by Sweden

**SUMMARY**

Executive Summary: Annual report from Baltic Sea Sub-area

Action to be taken: Note 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

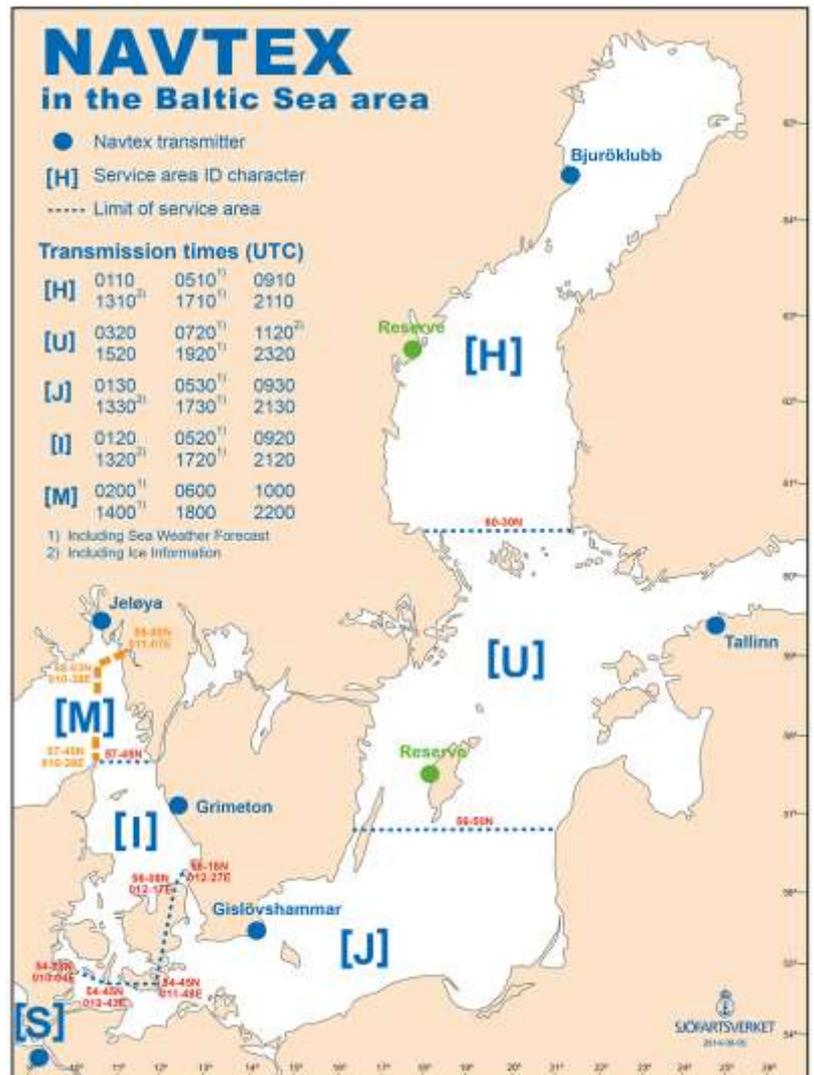
58-53N 010-38E

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

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

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

The table on following page shows operational points of contact for National Coordinators within Baltic Sea Sub-area. Telefax numbers are not shown as this system not always is monitored H24.



## National Co-ordinators Operational Points of Contact

Country	Telephone (h24)/	E-mail	Website with current Navigational Warning
Denmark	+45 91 37 60 40	mas@sok.dk vagts@dma.dk	<a href="http://frv.dk/en/SailingInformation/Warnings/Pages/default.aspx">http://frv.dk/en/SailingInformation/Warnings/Pages/default.aspx</a>
Estonia	+372 6205 665	navinfo@vta.ee	<a href="http://adam.vta.ee/teenused/tm/KehtivadNavigatsioonihoiatused/KehtivadNavigatsioonihoiatused.txt">http://adam.vta.ee/teenused/tm/KehtivadNavigatsioonihoiatused/KehtivadNavigatsioonihoiatused.txt</a>
Finland	+358 204 48 6400	turku.radio@fta.fi	<a href="http://portal.liikennevirasto.fi/sivu/www/e/">http://portal.liikennevirasto.fi/sivu/www/e/</a>
Germany	+49 4927 1877283	seewarndienst.wsa-emd@t-online.de	<a href="http://www.bsh.de/aktdat/nwn/nwn-ost.pdf">http://www.bsh.de/aktdat/nwn/nwn-ost.pdf</a>
Latvia	+371 67323103	navarea@lhd.lv	<a href="http://www.navtex.lv">http://www.navtex.lv</a>
Lithuania	+370 46 391 258 / +370 46 469 713	hydrography@msa.lt	<a href="http://www.msa.lt/en/hydrography/navigational-warnings-and-kq74/notices-to-mariners-scx9.html">http://www.msa.lt/en/hydrography/navigational-warnings-and-kq74/notices-to-mariners-scx9.html</a>
Poland	+48 58 626 62 08	bhmw@mw.mil.pl	<a href="http://www.hopn.mw.mil.pl/index.php?akcja=on">http://www.hopn.mw.mil.pl/index.php?akcja=on</a>
Russian Federation	+7 812 717 59 00	navarea_unio@mil.ru	<a href="http://mil.ru/navigation.htm">http://mil.ru/navigation.htm</a> (NAVAREA XIII warnings only)
Sweden	+46 771 63 06 85	msi@sjofartsverket.se	<a href="http://www.sjofartsverket.se/baltico">http://www.sjofartsverket.se/baltico</a>

### 2. Comments:

The IMO GMDSS Master Plan was reviewed in February 2015, prior to NCSR2. The plan was proved to be correct regarding Swedish information and concerning NAVTEX stations within the Baltic Sea Sub-area.

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

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.

### Number of Navigational Warnings on NAVTEX

Nation	2012	2013	2014
BALTIC SEA NAV WARN	34	23	45
Denmark	91	89	79
Estonia	11	9	6
Finland	49	35	25
Germany	92	120	118
Latvia	16	15	10
Lithuania	30	65	46
Poland	70	101	107
Russia, Kaliningrad	68	57	70
Russia, St Petersburg	40	24	27
Sweden	120	89	44
TOTAL	621	627	577

### 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 <sub>1</sub>	Transmitter	Telephone	E-mail	Status
[H]	Bjuröklubb	+46 771 63 06 85	<a href="mailto:msi@sjofartsverket.se">msi@sjofartsverket.se</a>	Operational
[U]	Tallinn	+372 699 11 70	<a href="mailto:tallinnradio@riks.ee">tallinnradio@riks.ee</a>	Operational
[J]	Gislövshammar	+46 771 63 06 85	<a href="mailto:msi@sjofartsverket.se">msi@sjofartsverket.se</a>	Operational
[I]	Grimeton	+46 771 63 06 85	<a href="mailto:msi@sjofartsverket.se">msi@sjofartsverket.se</a>	Operational
[M]	Jeløya	+47 51 69 00 44.	<a href="mailto:rogaland.radio@telenor.com">rogaland.radio@telenor.com</a>	Operational

### 4. Operational Issues:

No changes to the MSI infrastructure have taken place since the previous report.

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 B<sub>1</sub>B<sub>2</sub>B<sub>3</sub>B<sub>4</sub> and “NavWarn identifier” for all coastal navigational warnings that are in force. The bulletin is transmitted with B<sub>2</sub>=A, once on each NAVTEX station, see an example below:

```
071140 UTC SEP
BALTIC SEA AREA
NAVTEX MESSAGES IN FORCE:
HA04=SWE330 HA07=FIN123
UA35=EST052 UA57=PET162 UA58=FIN124 UA60=LAT009
JA21=POL089 JA42=LIT034 JA73=SWE352 JA83=DAN258
IA46=DAN263 IA45=SWE358 IA34=DAN232
```

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

### 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 <sup>1)</sup>	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.

The NAVTEX transmissions in the Baltic Sea area are monitored by 8 automatic monitoring stations located along the Swedish coast and by two monitoring stations in Estonia, operated by Tallinn Radio.

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

LHD (Latvia), DWD (Germany) 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](#), [Germany](#) 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 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>.

In the winter 2015-16 Sweden will introduce a computerized tool to support the handling and administration of MSI. The system will enable the distribution and publishing of MSI through various media. Information on the source of information as well as the various actions taken will be stored in the system, which will also provide a link to the Swedish NtM system.

The EU project EfficienSea2, which will start in 2015, will include solutions to improve the MSI and NtM services to shipping.

## **9. NAVAREA Website:**

Baltic Sea Sub-area website: <http://www.sjofartsverket.se/baltico>.

New Navigational Warnings are published as soon as they are drafted. 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.

The website with NAVTEX warning has an average of approx. 8 visitors per day and the site with Swedish local and coastal warnings has approx. 25 visitors per day.

## **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](mailto:ufs@sjofartsverket.se)  
Website: [www.sjofartsverket.se/baltico](http://www.sjofartsverket.se/baltico)

## **11. Recommendations:**

None

## **12. Actions requested:**

Note the information.

## **13. Summary:**

The Baltic Sea Sub-area Co-ordinator made a short presentation of his Self-Assessment Report. He mentioned that Sweden is in the process of buying a system to support the handling and administration of MSI. He also told that Sweden is engaged in the correspondence group to develop an S-100 specification for Navigational Warnings and find this as a very important issue.