



## MSI activities in the Baltic Sea Region

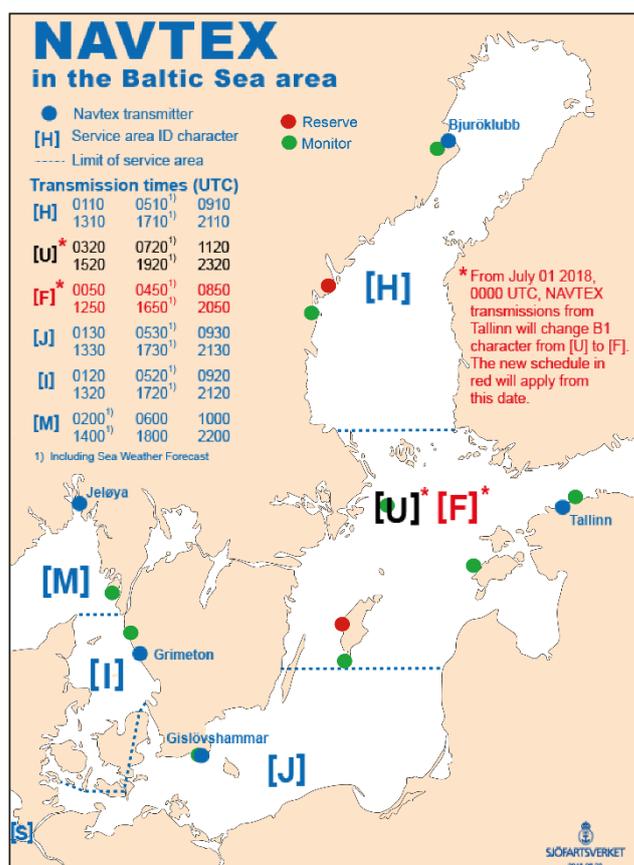
This is the yearly report to BSHC, which is giving a short description of the MSI organization in the Baltic Sea area and a summary of main activities concerning MSI in the area, since the previous BSHC Conference.

### 1. Distribution of MSI

In accordance with GMDSS, Maritime Safety Information (MSI) for the Baltic Sea region is provided to shipping by means of the international Navtex system.

In addition to Navtex, MSI is provided by means of various national systems such as VHF, national Navtex, MF-radio, Smart Phone Apps, TV-text and national websites.

As the Navtex system is “sensitive” for overload of information and for interferences from Navtex stations in other regions and from other sources, the system requires much manpower and planning to operate well. Monitoring of the broadcasts is essential why Sweden and Estonia have monitoring stations along the coasts. However, all nations in the region are responsible for monitoring of Navtex within their national waters to secure that the signal strength is good enough and the contents of messages are in accordance with what they have sent to MSI Sweden (Sweden Traffic).



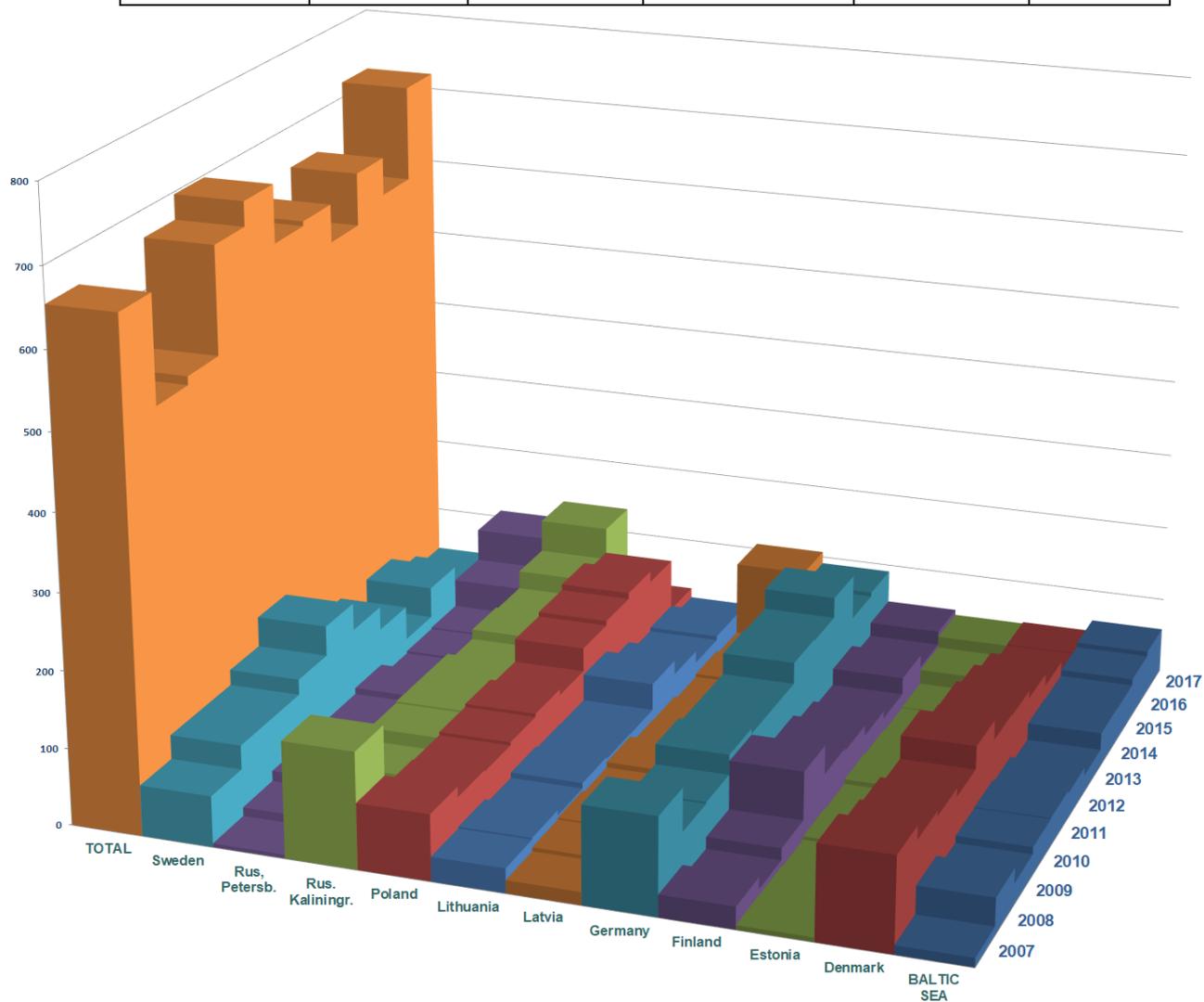
### 2. National Co-ordinators Operational Points of Contact.

Country	Telephone (h24)/	E-mail	Website with current Navigational Warning
Denmark	+45 7285 0370	<a href="mailto:vagts@dma.dk">vagts@dma.dk</a> (office hours) <a href="mailto:mas@sok.dk">mas@sok.dk</a> (24h)	<a href="https://nautiskinformation.soefartsstyrelsen.dk/index.html#/messages/map">https://nautiskinformation.soefartsstyrelsen.dk/index.html#/messages/map</a>
Estonia	+372 6205 665	<a href="mailto:navinfo@vta.ee">navinfo@vta.ee</a>	<a href="http://qis.vta.ee/navhoiatused/en.html">http://qis.vta.ee/navhoiatused/en.html</a>
Finland	+358 204 48 6400	<a href="mailto:turku.radio@fta.fi">turku.radio@fta.fi</a>	<a href="https://extranet.liikennevirasto.fi/pooki_www/merivaroitukset/list_en.html">https://extranet.liikennevirasto.fi/pooki_www/merivaroitukset/list_en.html</a>
Germany	+49 (0) 4927 1877283	<a href="mailto:seewarndienst.wsa-emd@t-online.de">seewarndienst.wsa-emd@t-online.de</a>	<a href="http://www.bsh.de/akt/dat/nwn/nwn-ost.pdf">http://www.bsh.de/akt/dat/nwn/nwn-ost.pdf</a>
Latvia	+371 67323103	<a href="mailto:navarea@lhd.lv">navarea@lhd.lv</a> , <a href="mailto:sar@mrcc.lv">sar@mrcc.lv</a>	<a href="http://www.navtex.lv">http://www.navtex.lv</a> <a href="http://www.lhd.lv">http://www.lhd.lv</a>
Lithuania	+370 618 12 591	<a href="mailto:hydrography@msa.lt">hydrography@msa.lt</a>	<a href="http://old.msa.lt/msa/en/hydrography/navigational-warnings-and-kq74/notices-to-mariners-scx9.html">http://old.msa.lt/msa/en/hydrography/navigational-warnings-and-kq74/notices-to-mariners-scx9.html</a>
Poland	+48 261 266 208	<a href="mailto:bhmw@bhmw.gov.pl">bhmw@bhmw.gov.pl</a>	<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	<a href="mailto:unio_navarea@mil.ru">unio_navarea@mil.ru</a>	<a href="http://structure.mil.ru/structure/forces/hydrographic/info/navwar.htm">http://structure.mil.ru/structure/forces/hydrographic/info/navwar.htm</a> (only navarea XIII)
Sweden	+46 771 63 06 85	<a href="mailto:swedentraffic@sjoefartsverket.se">swedentraffic@sjoefartsverket.se</a>	<a href="http://www.sjoefartsverket.se/baltico">http://www.sjoefartsverket.se/baltico</a> New e-mail 1st July 2018



### 3. Quantity of Navigational Warnings in each NAVTEX Service Area during 2017

Country	Bjuröklubb (H)	Grimeton (I)	Gislövshammar (J)	Tallinn (U)	Summary
Baltic Sea	3	24	27	4	<b>58</b>
Denmark	0	22	21	0	<b>43</b>
Estonia	0	0	0	41	<b>41</b>
Finland	26	0	0	22	<b>48</b>
Germany	0	2	89	0	<b>91</b>
Kaliningrad	0	0	107	0	<b>107</b>
Latvia	0	0	8	9	<b>17</b>
Lithuania	0	0	29	1	<b>30</b>
Petersburg	0	0	0	134	<b>134</b>
Poland	0	0	109	0	<b>109</b>
Sweden	4	8	14	16	<b>42</b>
<b>Summary</b>	<b>33</b>	<b>56</b>	<b>404</b>	<b>227</b>	<b>720</b>





**23<sup>rd</sup> BSHC Meeting**  
28-29 August 2018  
Aalborg, Denmark

Agenda item B.5  
Baltic Sea Sub Navarea 1b MSI Report  
SWEDEN

#### **4. Contents of Navigational Warnings**

Subjects that cause navigation warnings in the Baltic Sea region vary between the issuing countries due to different rules and procedures in the issuing country and various marine conditions etc.

A majority of the warnings in the southeastern part of the region are dealing with military exercises, while almost no such warnings are issued in the rest of the region. Bottom surveys and other pre-laying activities connected to the planned Nord Stream 2 pipelines have caused many navigational warnings and temporary notices in NtM. Also inspections along the existing Nord Stream pipelines have caused navigational warnings.

More typical topics of navigational warnings are outages of navigational aids, drifting hazards, underwater operations, cable laying, low sea level and temporary withdrawal of TSS due to ice.

#### **5. WNWNS-10 meeting Aug 2018**

A representative from Baltic Sea Sub-area will attend the yearly World Wide Navigational Warning Sub-Committee meeting in Monaco 27 - 31 August 2018. Meeting documents are available at the IHO website,  
[https://www.iho.int/mtg\\_docs/com\\_wg/CPRNW/WWNWS10/WWNWS10.htm](https://www.iho.int/mtg_docs/com_wg/CPRNW/WWNWS10/WWNWS10.htm)

#### **6. Baltico Meeting 2018**

The 8:th Baltico Meeting was hosted by the Russian Federation, Department of Navigation and Oceanography in St Petersburg 24 – 25 April 2018. Among the agenda items following could be of interest to the BSHC:

##### **S-124 and EffienSea 2.**

The meeting was informed about the outcome of the EffienSea2 project and the status of the work in S-124 CG. A major question is if P&T notices to mariners should be a part of S-124 or not. EffienSea2 have done some tests and now that EffienSea2 has ended, the Swedish project STM Validation and the Korean SMART project will continue to run S-124 test in their test-beds.

The most important outcome of EffienSea2 has been the Maritime Connectivity Platform, former known as the Maritime Cloud. More information can be found at <https://maritimeconnectivity.net/>

##### **Implementation of RH2000 in SMHI's Oceanographic Warning Service**

As a step towards harmonization of the vertical datum SMHI (Swedish Metrological Institute) has the intention to change over to RH2000 as reference system for sea level warnings. The extended ambition is that the presentation of forecasts and observations based on sea-level data should be expressed in RH2000.

SMHI have started a project to see how this can be done.



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### **Restructuring of Baltico Meeting**

It was proposed to draft a paper to BSHC with the suggestion to formalize the group and establish a Baltic Sea MSIWG to supersede the BALTICO meetings. This has been done by Sweden.

### **7. Disturbance to NAVTEX.**

The Mediterranean NAVTEX station Mondolfo, Italy, is interfering with the Baltic Sea station Tallinn in Estonia during nighttime.

This has been further investigated by the IMO NAVTEX Coordinating panel together with Sweden and Estonia. To solve the problem it was decided that station Tallinn should change B1-character and transmission times.

From July 1, 2018, 0000 UTC Navtex station TALLINN changes B1-character from U to F and the scheduled transmission times accordingly.

### **8. Change of name and e-mail address, MSI Sweden**

Since 2011 the Swedish MSI service, "MSI Sweden", is located at SWEDEN TRAFFIC in Södertälje, which is a maritime service centre under the Swedish Maritime Administration. The centre has many duties related to maritime service, e.g.:

- issuing and broadcasting of Swedish Navigational Warnings
- coordination of the NAVTEX service in the Baltic Sea area including the Sound, the Belts, Kattegat and Skagerrak
- coordination and distribution of EMSA Incident Reports
- monitoring of Traffic Separation Schemes
- reception and handling of reports concerning faults to aids to navigation
- support to Maritime Single Window users.

From 1 July 2018 the MSI Service will be closer connected to other services at SWEDEN TRAFFIC why the name MSI Sweden will not be used any more.

“MSI Sweden” changes name to “Sweden Traffic” and the new e-mail address to be used is: [swedentraffic@sjofartsverket.se](mailto:swedentraffic@sjofartsverket.se)

### **9. Actions requested**

The Commission is kindly requested to note the report.

<http://gis.vta.ee/navhoiatused/en.html>