

**21<sup>th</sup> BSHC Meeting** 27-29 September 2016 Klaipeda, Lithuania

Agenda item B.5 MSI activities in the Baltic Sea Region Report SWEDEN

# MSI activities in the Baltic Sea Region

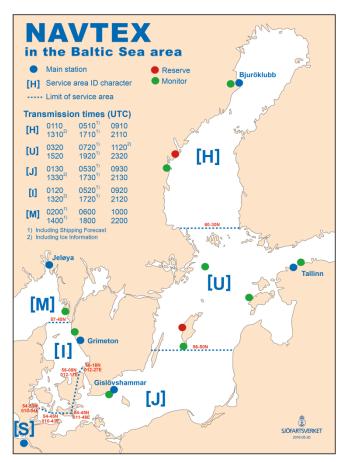
This report is a short description of the MSI organization in the Baltic Sea area and a summary of main activities concerning MSI in the area, since the previous BSHC Conference.

## **Distribution of MSI**

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

In addition to Navtex, MSI is provided to ships in the region 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.



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/KehtivadNavigatsioonihoiatus d/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	bhmw@bhmw.gov.pl	http://www.hopn.mw.mil.pl/index.php?akcja=on					
Russian Federation	+7 812 717 59 00	<u>unio_navarea@mil.ru</u>	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					

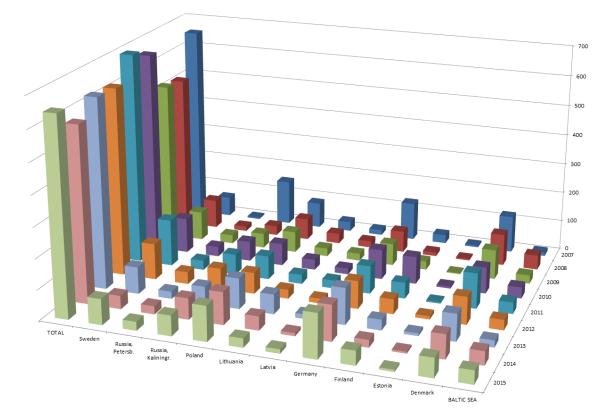
National Co-ordinators Operational Points of Contact.



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### **Quantity of Navigational Warnings on NAVTEX**

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



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

Note:

The yearly variations are mainly caused by larger activities at sea such as establishment of offshore windfarms, international cables, pipelines etc. The variation between nations is in principle due to length of buoyed shipping lanes used by international shipping and by the countries' different type of coast.



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## **Baltico Meeting 2016**

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

Among many items on the agenda the following could be of interest to the BSHC Conference.

#### Changes of names of water areas and limits between areas.

BSHC 19:th 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 Bothnia Sea	
Sea of Aland	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

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

#### Disturbance to NAVTEX.

The Mediterranean NAVTEX station Mondolfo, Italy, is interfering with the Baltic Sea station Tallinn in Estonia during nighttime. The IMO NAVTEX Coordinating panel, which was represented at the BALTICO meeting by UKHO, will discuss the problem with the Italian authorities.

#### Presentation of national websites with map interface.

Estonia presented the test web application Nutimeri which is displaying ENC with lots of additional information such as status of each AtoN (Aids to Navigation), chart objects, wrecks, soundings etc.

Finland showed that active Navigational Warnings now are displayed on a map on the website

#### New system for administration of MSI in Sweden

The new system "Sea Traffic" was demonstrated at the Baltico Meeting. It is a new 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.



Location of two German NavWarn as displayed in Sea Traffic

#### The use of Virtual AIS

was on the agenda at Baltico Meeting. It was found that routines, if any, for the use of this is



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varying between countries. It was agreed that Virtual AIS should be considered as a good complement to a Nav Warn.

## S-124 and EfficienSea2

Mads Billesø from DMA hold a presentation on the work in the IHO S-124 correspondence group and the EfficienSea2 project. He desires that as many countries as possible will take part in the practical test that will take place in summer 2017. During the test period NM and Nav Warn should be entered in s-124 format into a web form.

#### The Commission is invited to

- Note the report