

MSI Assessment for NAVAREA Ib, Baltic Sea Sub-area

Reporting period from 1st Jan 2021 to 31th December 2021

Submitted by Sweden

SUMMARY

Executive Summary: Overview of activities undertaken within the Baltic Sea Sub-area since WWNWS13

Action to be taken: Paragraph 13

Related documents: None

1. General information:

1.1. Geographic Boundaries of the NAVAREA including boundaries for any coastal warning Areas and NAVTEX Stations

The Baltic Sea Sub-area is part of Navarea I and comprises of the waters of Skagerrak, Kattegat, Baltic Sea, Gulf of Finland, Sea of Bothnia and Bay of Bothnia.

Limit of Baltic Sea Sub-area:

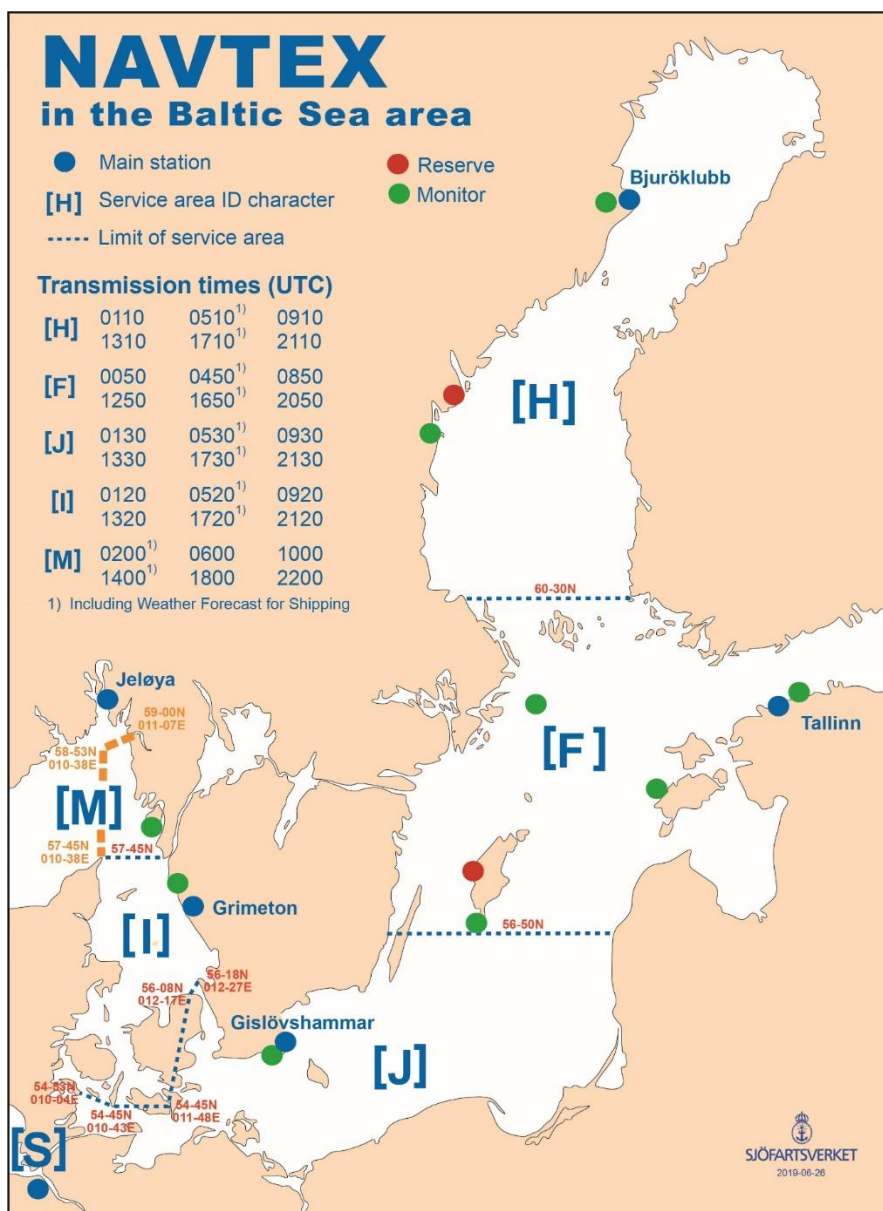
57° 45'N, 010° 38'E (Skaw, Denmark) to

58° 53'N, 010° 38'E to

59° 00'N, 011° 07'E (Norway/Sweden coastline)

Navigational warnings in the Sub-area are promulgated via NAVTEX and VHF. Should specific warnings deem necessary to transmit via EGC, NAVAREA I is contacted for assistance.

NAVTEX service areas, location of transmitters and broadcast schedule are shown on the map below. The limit of the Baltic Sea Sub-area is shown as the orange dashed line.



1.2. Operational Points of Contact for National Co-ordinators within the NAVAREA

Note: Facsimile numbers are not listed, as this is not monitored 24h

COUNTRY	TELEPHONE	EMAIL	WEBSITE
Denmark	+45 7285 0370	vagts@dma.dk (office hours) mas@sok.dk (24h)	Link
Estonia	+372 6205 665	navinfo@vta.ee	Link
Finland	+358 204 48 6400	turku.radio@tmfg.fi	Link
Germany	+49 4927 1877283	seewarndienst.wsa-emd@t-online.de	Link
Latvia	+371 67 32 31 03	navarea@lhd.lv sar@mrcc.lv	Link
Lithuania	+370 618 12 591	mardep@ltsa.lt	Link
Poland	+48 261 266 208	bhmw@bhmw.gov.pl	Link
Russian Federation	+7 812 717 59 00	unio_navarea@mil.ru	Link
Sweden	+46 771 63 06 85	swedentraffic@sjofartsverket.se	Link

1.3. GMDSS Master Plan:

The GMDSS Master Plan is continuously held up to date through the Global Integrated Shipping Information System (GISIS). The update is done in cooperation between the Swedish Transport Agency and the Swedish Maritime Administration.

2. NAVAREA EGC broadcast and monitoring equipment or software:

2.1. Details of EGC services:

The Baltic Sea Sub-area comprises of Sea areas A1 and A2. Navigational warnings are therefore not promulgated via Satellite. No EGC services are therefore used.

2.2. NAVTEX:

B ₁ 518 kHz	B ₁ 490 kHz	NAVTEX Station	Email	Telephone	Status
H	-	Bjuröklubb, Sweden	swedentraffic@sjofartsverket.se	+46 771 63 06 85	Operational
F	-	Tallinn, Estonia	tallinnradio@riks.ee	+372 699 11 70	Operational
J	-	Gislövshammar, Sweden	swedentraffic@sjofartsverket.se	+46 771 63 06 85	Operational
I	-	Grimeton, Sweden	swedentraffic@sjofartsverket.se	+46 771 63 06 85	Operational
M	-	Jeløya, Norway	kystradio.sor@telenor.com	+47 516 42 480	Operational
-	L	Pinneberg, Germany	seewarndienst.wsa-emd@t-online.de	+ 49 49271877283	Operational

2.3. Other methods of promulgation:

In the Baltic Sea Sub-area MSI is also promulgated via VHF and MF.

Most countries list active navigational warnings on websites. Refer to table under point 1.2 for links to the websites of the respective counties.

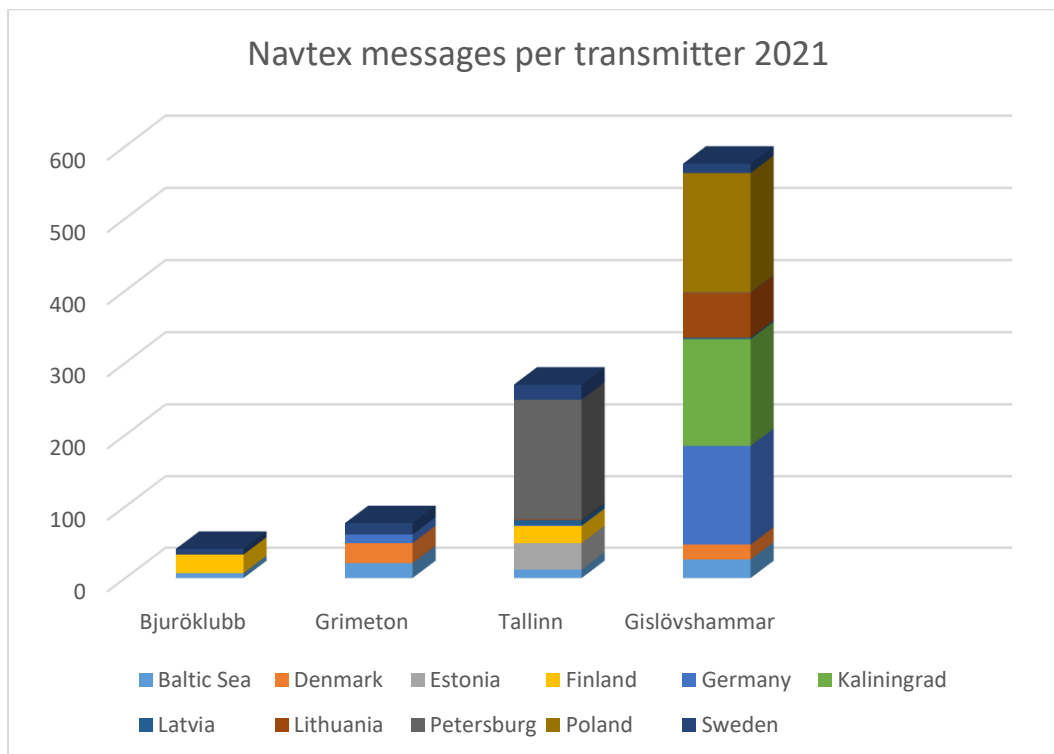
3. NAVAREA Metrics

3.1. Coastal Warnings issued by International NAVTEX or EGC coastal warning area:

Note: The warnings for "Baltic Sea" are warnings concerning more than one country's area.

Country	NAVTEX station name	B1 Character or Coastal Warning Area	Broadcast schedule times UTC (only for EGC)	2021			
				Total number of warnings broadcast	Number of warnings broadcast with urgent priority (EGC) or vital (NAVTEX)	Total number of warnings broadcast, including repetitions	Broadcast data in megabytes
Baltic Sea	Bjuröklubb	H	-	7	0	-	-
Baltic Sea	Tallinn	F	-	12	0	-	-
Baltic Sea	Gislövshammar	J	-	26	0	-	-
Baltic Sea	Grimeton	I	-	21	0	-	-
Denmark	Gislövshammar	J	-	21	0	-	-
Denmark	Grimeton	I	-	28	0	-	-

Germany	Tallinn	F	-	1	0	-	-
Germany	Gislövshammar	J	-	138	0	-	-
Germany	Grimeton	I	-	12	0	-	-
Poland	Gislövshammar	J	-	165	0	-	-
Kaliningrad	Gislövshammar	J	-	148	0	-	-
Lithuania	Tallinn	F	-	1	0	-	-
Lithuania	Gislövshammar	J	-	62	0	-	-
Latvia	Tallinn	F	-	7	0	-	-
Latvia	Gislövshammar	J	-	62	0	-	-
Estonia	Tallinn	F	-	37	0	-	-
Petersburg	Tallinn	F	-	167	0	-	-
Petersburg	Gislövshammar	J	-	1	0	-	-
Finland	Bjuröklubb	H	-	26	0	-	-
Finland	Tallinn	F	-	24	0	-	-
Sweden	Bjuröklubb	H	-	8	0	-	-
Sweden	Tallinn	F	-	21	0	-	-
Sweden	Gislövshammar	J	-	13	0	-	-
Sweden	Grimeton	I	-	16	0	-	-

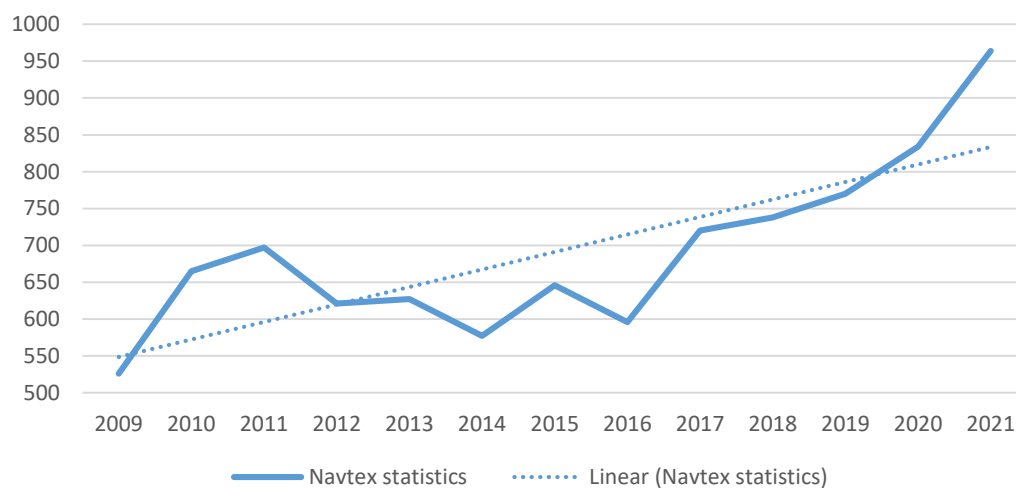


The problem remains with one transmitter having considerable higher workload than the other three.

3.2. Sub-area warnings and coastal warnings transmitted by Navtex:
Please note the continuing increasing trend in number of warnings.

Nation	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Baltic Sea	28	37	38	34	23	45	44	52	58	72	62	51	66
Denmark	98	87	117	91	89	79	63	42	43	52	57	70	49
Estonia	3	7	5	11	9	6	7	26	41	30	34	34	37
Finland	28	91	53	49	35	25	47	30	48	47	46	56	50
Germany	73	99	92	92	120	118	145	86	91	132	108	123	151
Latvia	24	20	27	16	15	10	14	9	17	10	17	12	9
Lithuania	27	34	31	30	65	46	30	35	30	29	37	31	63
Poland	70	74	78	70	101	107	115	100	109	91	113	100	165
Kaliningrad	49	66	68	68	57	70	67	91	107	123	96	147	148
St Petersburg	29	33	32	40	24	27	29	66	134	81	113	142	168
Sweden	97	117	156	120	89	44	85	59	42	71	87	68	58
TOTAL	526	665	697	621	627	577	646	596	720	738	770	834	964

Navtex statistics



3.3. Urgent EGC Warnings:
N/A

3.4. VITAL Coastal Warnings:
No warnings were promulgated with VITAL priority. The operators are very restrictive in using this classification.

3.5. In-force warnings.

3.5.1. In-force bulletins issued:

For Navtex, in-force bulletins are transmitted once a week for every transmitter. This is normally done on Thursdays.

3.5.2. Requests for In-force warnings:

No requests for in-force warnings are logged.

3.6. Arctic navigational warnings broadcast by HF NBDP.

N/A

4. Operational Issues:

During some time in February and March of 2022 two Navtex transmitters were non-functional. Both “Grimeton”[I] and “Gislövshammar”[J] were not transmitting due to technical issues.

A back-up transmitter on the island Gotland was used to cover most of area [J], and Norway was contacted for transmissions via transmitter “Jeløya”.

The Navarea I coordinator was contacted for a warning to be transmitted over EGC informing of the lack of Navtex service.

5. National Co-ordinator Communication:

5.1. IRCC Strategic Performance Indicator:

All coastal states within the Baltic Sea sub-area has provided MSI to the sub-area coordinator.

5.2. Procedures.

Although all coastal states provide MSI, there are room for improvement in the communications with one nation.

Navigational warnings with no pre-set end date, for example warnings concerning aids to navigation are not always followed up with cancellations.

With the constant increasing number of warnings, this has forced a new routine that was implemented for all coastal states in the sub-area during 2021.

The new routine:

When a Navtex warning with no pre-set end date has been in-force for four weeks, an e-mail is sent out to the issuing national coordinator inquiring if the warning is still valid.

If a reply is received that the warning is still valid, a new e-mail will be sent out in another four weeks.

If no reply is received, the navigational warning will be cancelled after an additional two weeks, i.e. when the warning has been transmitted a total of six weeks.

Communications between national coordinators within the sub-area are normally kept at a good level through meetings in the BSSMIWG (Baltic Sea MSI Working Group). However there has not been any working group meeting since WWNWS13. Reasons being the Covid-19 pandemic and the war in Ukraine.

In March 11, 2022 a letter was sent out by the BSHC chair, suspending all activities within the BSHC. The “BSHC Letter 1/2022” can be found in full here:

www.bshc.pro

In June 2, 2022 another letter, “BSHC Letter 2/2022” was sent out, temporarily suspending the Russian Federation from all BSHC related activities. This letter can also be found on the BSHC website (www.bshc.pro). The BSMSIWG has a meeting planned prior to WWNWS.

6. Contingency Planning:

The software used to operate the Navtex stations for the Baltic Sea sub-area is installed at three different locations in Sweden. The software is continuously tested and operated throughout the year.

A number of monitoring stations are used to verify the quality of the Navtex transmissions. Should a Navtex transmitter fail, back up stations are used.

The failure of transmissions earlier this year has brought the issue of maintenance up to the surface. The transmitters are all undergoing upgrades to secure the transmissions in coming years.

7. Capacity Building:

No coastal state within the Baltic Sea sub-area has been identified as being in need of MSI training.

8. Other Activities:

Participation in BSHC26 (Baltic Sea Hydrographic Commission).

Remote meeting on September 21 – 23, 2021.

At the meeting the Sub-area coordinator represented the working group BSMSIWG (Baltic Sea MSI Working group) and delivered an annual report.

The working group was, among other things, given the task to coordinate the implementation of S-124 in the Baltic Sea sub-area.

BSMSIWG: During 2021 one meeting was held on May 28 with 24 participants from the countries surrounding the Baltic Sea, with support from Norway, Navarea I (UK) and the IMO Navtex coordinating panel.

Participation in the S-124 Project team and in the smaller group dealing with registrations to the GI registry.

9. NAVAREA Website:

Coastal Navigational Warnings in the Baltic Sea area are published on the SMA website as soon as they are received from any of the National coordinators.

www.sjofartsverket.se/navigational-warnings

The date and time of the last website update is shown at the top of the page once you enter the Navtex list.

10. NAVAREA Contact Information:

No change

Baltic Sea Sub-area Coordinator

Swedish Maritime Administration

NtM Office

SE-601 78 Norrköping
SWEDEN
Telephone: +46 771 63 06 05
E-mail: ufs@sjofartsverket.se
Website: www.sjofartsverket.se

11. Recommendations:

None

12. Actions requested:

The Sub-Committee is invited to note the report.

13. Summary:

The Baltic Sea Sub-area Coordinator introduced the Self-Assessment Report, document WNWNS14/2/1/Ib

No significant change since previous report.

Annex: None

(The Usage calculator spreadsheet was for satellite services only. No such service is provided for the Baltic Sea Sub-area)