

MSI Self Assessment NAVAREA XX and XXI  
Submitted by Russian Federation

**SUMMARY**

Executive Summary: Overview of activities undertaken within NAVAREA XX and XXI after  
WWNWS10  
Action to be taken: Paragraph 12  
Related documents: None

**1. Background:**

**1.1. Borders NAVAREA XX:**

From the border between Norway and Russia (Inland) to:

69° 47'.68 N 030° 49'.16 E,

69° 58'.48 N 031° 06'.24 E,

70° 22'.00 N 031° 43'.00 E,

71° 00'.00 N 030° 00'.00 E,

From this geographical position (71°00'.00 N 030° 00'.00 E) further north  
along the 030° 00'.00E meridian to:

90° 00'.00 N 030° 00'.00 E,

90° 00'.00 N 125° 00'.00 E,

then south to the Russian Federation coastline along the 125° 00'.00 E meridian;

**1.2. Borders NAVAREA XXI:**

From a geographical position on the Russian Federation coastline at 125° 00.00' E meridian to:

90° 00.00' N 125° 00.00' E,

90° 00.00' N 168° 58.00' W,

67° 00.00' N 168° 58.00' W,

then west to a geographical position on the Russian Federation coastline along the 67° 00.00' N parallel.



1.3. The broadcasts NAVAREA warnings on sea geographic areas NAVAREA XX and XXI:

Name of NAVAREA warnings	Schedule broadcasts per day	Coast Earth Station (CES)	Satellite broadcast used	CES operator
NAVAREA XX	0530 and 1730 UTC	NUDOL	(IOR)	Morsviazspudnik
NAVAREA XXI	0630 and 1830 UTC	NUDOL	(POR)	Morsviazspudnik

1.4. The broadcasts METEO Information on sea geographic areas NAVAREA XX and XXI:

Name of METEO Information	Schedule broadcasts per day	Coast Earth Station (CES)	Satellite broadcast used	CES operator
METAREA XX	0600 and 1800 UTC	NUDOL	(IOR)	Morsviazspudnik
METAREA XXI	0600 and 1800 UTC	NUDOL	(POR)	Morsviazspudnik

1.5. The broadcasts MSI on HF NBDP:

Enumeration of maritime safety information	Schedule broadcasts per day	Frequency	Purveyor Service
NAVAREA XX and XXI warning, Meteo Information, SAR and other urgent Safety-related information	0715 UTC 1915 UTC	12579 kHz 8416.5 kHz	radio station Moscow-radio (UAT)

1.6. Operational Points of Contact for Co-ordinator within the NAVAREA XX and XXI is:

COUNTRY	TELEPHONE	FACSIMILE	EMAIL
Russian Federation	+7 495 626 14 25	+7 495 626 12 39	navarea@rosmorport.ru

## 2. Comments:

2.1. There is no change to current GMDSS Master Plan for all MSI entries in ANNEXES 7 and 8 concerning NAVAREA XX and XXI

2.2. The following table shows Type installed equipment and software version with date up-dated:

Equipment Type	Software Version	Date of Up-date
Thrane & Thrane TT 3022C Inmarsat C transceiver	Ver. 3.30	May 10 2001
SNX 300 NAVTEX receiver	01.00 Ver (01.21)	2011

2.3. Specifics of information and data received:

2016				2017				2018			
E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text
100%	—	—	—	100%	—	—	—	100%	—	—	—

## 2.4. NAVAREA XX and XXI Warnings are broadcast through the IOR and POR satellites

.1. The following table shows the quantity MSI (including weekly bulletins and coastal warnings) that were promulgated through SafetyNET:

Name of geographical sea area	2016				2017				2018			
	NW *	CW **	SAR	METEO	NW *	CW **	SAR	METEO	NW *	CW **	SAR	METEO
NAVAREA XX	224	128	-	733	216	163	-	730	189	92	-	731
NAVAREA XXI	61	99	-	277	69	78	-	276	64	35	-	276

\*NAVAREA Warning

\*\*COASTAL Warning

2.5. The NAVAREA warnings which are identified as priority, (requiring transmission within 30 minutes) and promulgated through SafetyNET.

.1. The following table shows the number of promulgated NAVAREA warnings on area NAVAREA XX:

2016		2017		2018	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
NIL	-	NIL	-	NIL	-

.2. The following table shows the number of promulgated NAVAREA warnings on area NAVAREA XXI:

2016		2017		2018	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
1	-	NIL	-	NIL	-

## 3. NAVTEX Coverage:

3.1. Contact details for NAVTEX Stations (Operational status)

Table No 1. NAVTEX stations within Areas NAVAREA XX and XXI

B <sub>1</sub>	NAVTEX Coast Station	Position of Antenna	Range (NM)	Telephone, Fax, E-mail	Status of implementation
Geographical sea area NAVAREA XX					
<b>K</b>	Murmansk	68°46'N 032°58'E	300.0	+7 8152 28 82 02 +7 8152 28 82 02 rshrs@karat-holding.com	Operational
<b>L</b>	Arkhangelsk	64°51'N 040°17'E	300.0	+7 8182 20 88 82 — navtex1@arhrmp.ru navtex2@arhrmp.ru	Operational

<b>M</b>	Sabetta	71°17'N 072°02'E	250.0	+7 931 417 26 47 INMARSAT Fleet BroadBand + 7 954 105 47 08 sabettagmssb@ark.rosmorport.ru	Operational
Geographical sea area NAVAREA XXI					
<b>Q</b>	Tiksi	71°38'N 128°50'E	300.0	+7 812 570 34 66 +7 812 570 34 66 ibm@hydrograph.spb.su	Operational (Period from 01 July to 30 October)

### 3.2. On the NAVTEX stations in 2018:

New station within areas NAVAREA XX – Sabetta:

Position - 71°17'08N, 72°01'77E

Transmitter range – 250 NM

NAVTEX service area – XX

Contact details of the station:

Tel: 7 931 417 2647

Tel: INMARSAT Fleet BroadBand – 7 954 105 47 08

E-mail [sabettagmssb@ark.rosmorport.ru](mailto:sabettagmssb@ark.rosmorport.ru)

Transmitted power – 1000 W (reduced by 60% during hours of darkness)

3.3. The diagram at ANNEX A shows NAVTEX Service Areas for the International NAVTEX Service within areas NAVAREA XX and XXI.

## 4. Operational Issues:

4.1. New infrastructure has not been added to NAVAREA XX and XXI.

4.2. The complete text of all in-force NAVAREA XX and XXI warnings, including those which are no longer being broadcast, are available at: <http://structure.mil.ru/structure/forces/hydrographic/info/notices.htm>

4.3. In force warning bulletins are issued once a week.

## 5. Quality Management Survey:

NAVAREA	ISO 9001-2008	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
NAVAREA XX	NO	YES	YES	YES	YES	YES	YES
NAVAREA XX	NO	YES	YES	YES	YES	YES	YES

## 6. Contingency Planning:

Nothing to report

## 7. Capacity Building:

NIL

**8. Other Activities:**

NIL

**9. NAVAREA Website**

<http://eng.mil.ru/en/structure/forces/navy.htm>

**10. NAVAREA Contact Information:**

Federal State Unitary Enterprise "Rosmorport"

Bld. 7, 19 Sushevskaya Street

Moscow

127055

Russian Federation

Tei.: +7 495 626 14 25

Fax.: +7 495 626 12 39

Email : navarea@rosmorport.ru

**11. Recommendations:**

None

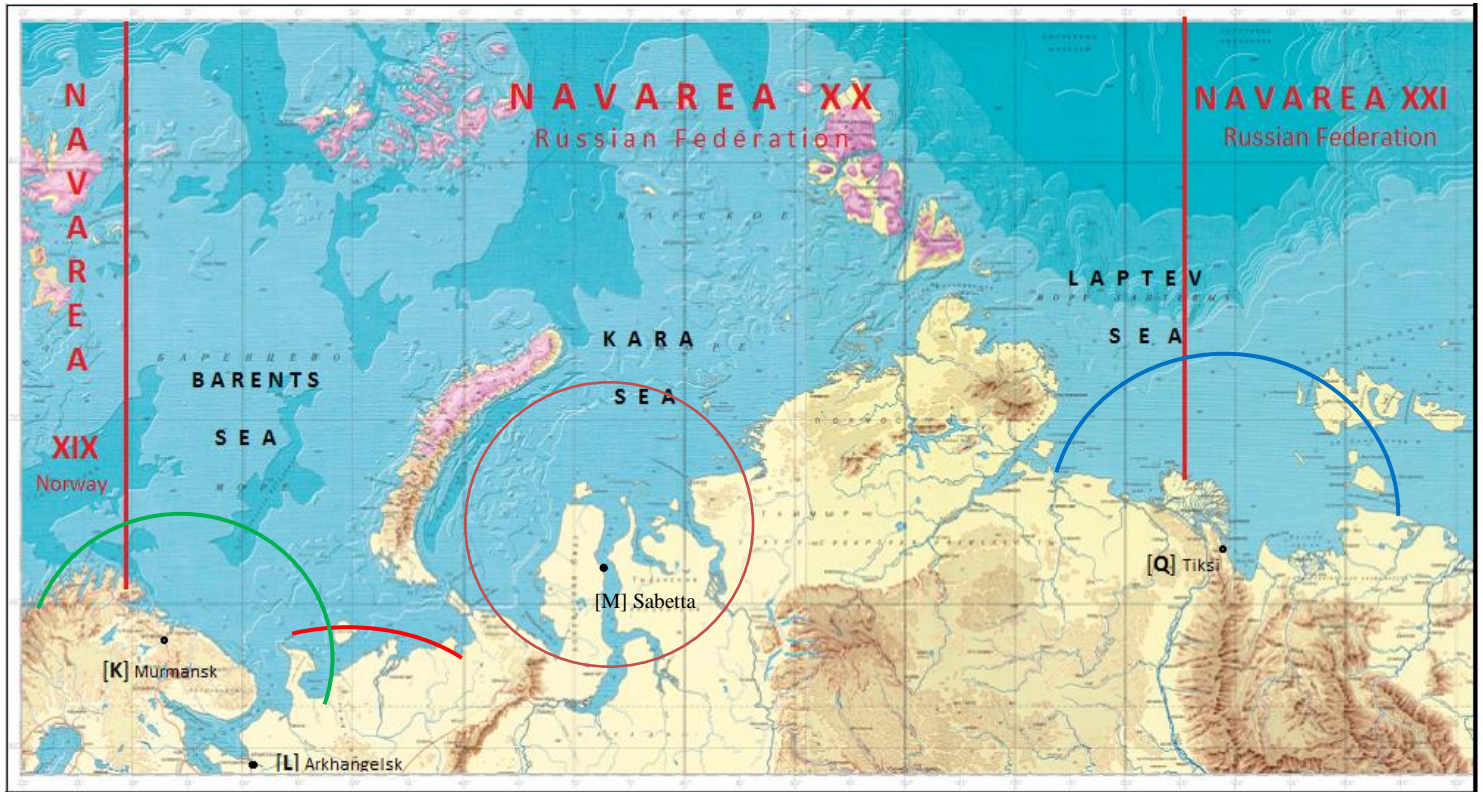
**12. Actions requested:**

The Sub-Committee is invited to note the report.

**13. Summary:**

There are no significant changes since NAVAREA XX and XXI report to WWNWS11.

# ANNEX A



Coverage areas NAVTEX stations in sea geographic areas NAVAREA XX and XXI