

MSI Self Assessment NAVAREA XX and XXI  
Submitted by Russian Federation

**SUMMARY**

Executive Summary: Overview of activities undertaken within NAVAREA XX and XXI after WWNWS7

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)	Morsviazspunik
NAVAREA XXI	0630 and 1830 UTC	NUDOL	(POR)	Morsviazspunik

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)	Morsviazspunik
METAREA XXI	0600 and 1800 UTC	NUDOL	(POR)	Morsviazspunik

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:

2013				2014				2015			
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	2013				2014				2015			
	NW *	CW **	SAR	METEO	NW *	CW **	SAR	METEO	NW *	CW **	SAR	METEO
NAVAREA XX	150	136	5	730	158	156	-	475	218	172	-	730
NAVAREA XXI	83	89	-	186	70	106	3	140	61	94	1	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:

2013		2014		2015	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
5	24.6 Mins	3	28.0 Mins	NIL	--

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

2013		2014		2015	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
NIL	--	3	29.0 Mins	NIL	30.0 Mins

### 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					
K	Murmansk	68°46'N 032°58'E	300.0	+7 8152 28 82 02 +7 8152 28 82 02 rshrs@karat-holding.com	Operational
L	Arkhangelsk	64°51'N 040°17'E	300.0	+7 8182 20 88 82 — navtex1@arhrmp.ru navtex2@arhrmp.ru	Operational
Geographical sea area NAVAREA XXI					
Q	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 31 October)

3.2. On the NAVTEX stations in 2015, there was no changes.

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

None

#### 10. NAVAREA Contact Information:

Federal State Unitary Enterprise "Rosmorport"  
Bid. 7, 19 Sushevskaya Street  
Moscow  
127055  
Russian Federation  
Tel: +7 495 626 14 25  
Fax: +7 495 626 12 39  
Email: [navarea@rosmorport.ru](mailto: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 WNWNS7.

### ANNEX A



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