

MSI Self Assessment NAVAREA XX and XXI  
Submitted by Russian Federation

**SUMMARY**

Executive Summary: Overview of activities undertaken within NAVAREA XX and XXI after WWNWS5  
Action to be taken: Report to be noted by the WWNWS6 Meeting.  
Related documents: None

**1. Background:**

1.1 Borders NAVAREA XX:

From the border between Norway and Russia (Inland) to: 69°47.68'N and 030°49'16"E, 68.48°N and 031°06'24"E, 70°22' and 031°43'E, 71°N and 030°E. From this co-ordinate (71°N - 030E) further north along the 030°E Meridian to: 90°N and 030°E, 90°N and 125°E, then south to the Russian Federation coastline along the 125°E meridian.

1.2 Borders NAVAREA XXI:

From a position on the Russian Federation Coastline at the 125°00'.00E meridian to: 90°00'.00N 125°00'.00E; 90°00'.00N 168°58'.00W; 67°00'.00N 168°58'.00W; then west to a position on the Russian Federation Coastline along the 67°00'.00N 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)	Morsviasputnik
NAVAREA XXI	0630 and 1830 UTC	NUDOL	(POR)	Morsviasputnik

1.4 The broadcasts of 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
MET AREA XX	0530 and 1730 UTC	NUDOL	(IOR)	Morsviasputnik
METAREA XXI	0630 and 1830 UTC	NUDOL	(POR)	Morsviasputnik

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, S AR and other urgent Safety-related information	0715 UTC 1915 UTC	kHz kHz	radio station Moscow-radio

\* The broadcast is carried with effect from 18 April 2013

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

COUNTRY	TELEPHONE	FACSIMILE	EMAIL
Russian Federation	+7 812 570 34 66	+7 812 570 34 66	<a href="mailto:ibm@hydrograph.spb.su">ibm@hydrograph.spb.su</a>

## 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	NAVARIN v. 1.1	2005
SNX 300 NAVTEX receiver	not applicable	Original

2.3. Specifics of information and data received:

2011				2012				2013			
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	2011				2012				2013			
	NW*	CW**	SAR	METEO	NW*	CW**	SAR	METEO	NW*	CW**	SAR	METEO
NAVAREA XX	107	108	-	730	126	138	-	732	150	136	5	730
NAVAREA XXI	55	81	-	186	61	96	1	186	83	89	-	186

\*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:

2011		2012		2013	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
NIL	—	NIL	—	5	24.6 Mins

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

2011		2012		2013	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
NIL	—	1	27.0 Mins	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
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Geographical sea area NAVAREA XX					
K	Murmansk	68°58'N 040°33'E	300.0	+7 8152 28 82 02 +7 8152 28 82 02 <a href="mailto:rshrs@mtf.ru">rshrs@mtf.ru</a>	Operational
L	Arkhangelsk	64°33'N 040°32'E	300.0	+7 8182 20 88 82 <a href="mailto:navtex1@arhrmp.ru">navtex1@arhrmp.ru</a> <a href="mailto:navtex2@arhrmp.ru">navtex2@arhrmp.ru</a>	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 <a href="mailto:ibm@hydrograph.spb.su">ibm@hydrograph.spb.su</a>	Operational (Period from 01 July to 30 October)

3.2 On the NAVTEX stations in 2013, there were no changes.

3.2 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 No new infrastructure has 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

4.4. The following table shows the number of MSI messages (including weekly bulletins, SAR information and coastal warnings) that were promulgated at HF NBDP:

The period (year)	the name of sea geographic areas			
	NAVAREA XX	NAVAREA XXI	MET AREA XX	METAREA XXI
2013	245	139	622	186

#### 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:**

No changes.

## **11. Recommendations:**

None

## **12. Actions requested:**

The Sub-Committee is invited to note the report.

## **13. Summary:**

The NAVAREA XX and XXI Coordinator introduced the Self-Assessment Report covering the period since WWNWS5. There is no significant change since our previous report, besides that began the transmission MSI on HF NBDP on areas NAVAREA XX and XXI (Details are described in paragraph 1.5 self-assessment).