

**MSI Self Assessment NAVAREA XX and XXI**

Submitted by Russian Federation (Federal State Unitary Hydrographic Department)

**SUMMARY**

Executive Summary: Synopsis of NAVAREA XX and XXI activities for WWNWS 4  
(since WWNWS 3)

Action to be taken: Paragraph 12

Related documents: None

1. Background:

NAVAREA XX bound by:

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;

NAVAREA XXI bound by:

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.

SafetyNET NAVAREA XX warnings are transmitted twice a day at 0530 and 1730 UTC  
via INMARSAT IOR satellite.

SafetyNET NAVAREA XXI warnings are transmitted twice a day at 0630 and 1830 UTC  
via INMARSAT POR satellite.

National co-ordinator within NAVAREA XX and XXI: Russian Federation.

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

COUNTRY	TELEPHONE	FACSIMILE	EMAIL
The Russian Federation	+7 812 570 34 66	+7 812 570 34 66	ibm@hydrograph.spb.su

2. Comments:

NAVAREA XX and XXI data in GMDSS Master Plan are actual.

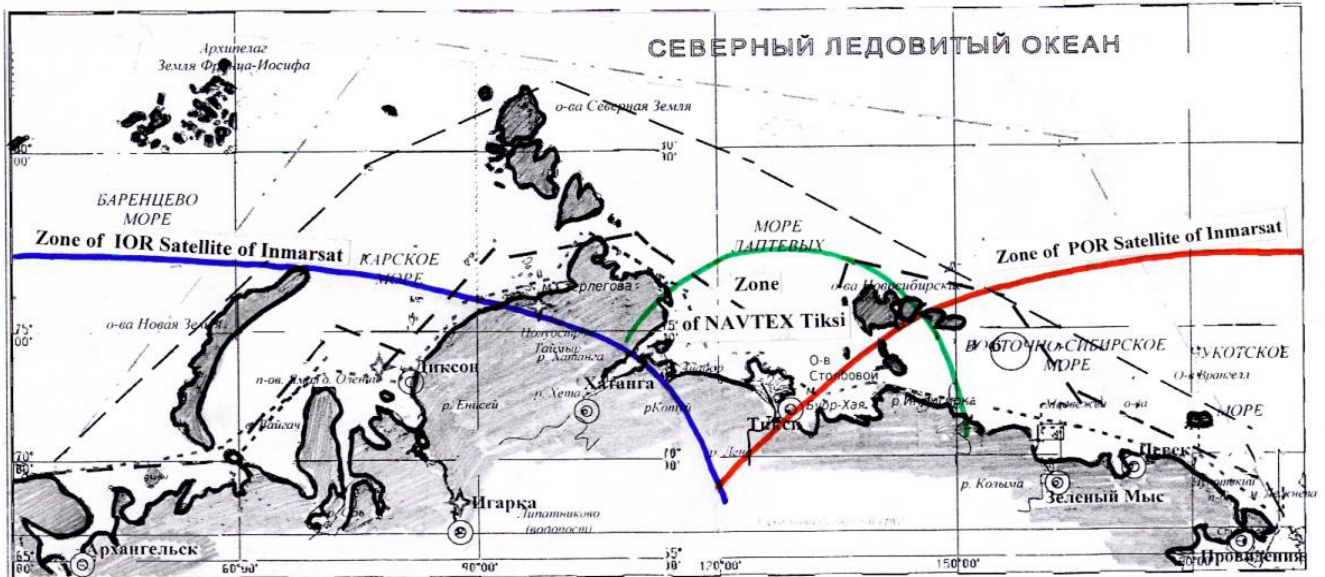
The number of navigational warning messages that have been promulgated via SafetyNet is as follows:

- NAVAREA XX : 2010 - 48, 2011 - 6;

- NAVAREA XXI : 2010 - 107, 2011 - 3.

From 22 August to 21 October 2012, Moscow-radio station broadcasted twice a day navigational warnings on intermittent and test basis on HF NBDP for some arctic waters NAVAREA XX and XXI that are not covered by Inmarsat satellite service.

**Graph of operational zones in NAVAREA's XX and XXI**



**3. NAVTEX Coverage:**

NAVTEX broadcasting does not cover all zones within NAVAREA XX and XXI.

Coastal warnings for the areas not covered by NAVTEX transmissions are promulgated via INMARSAT IOR and POR satellites.

**NAVTEX stations within NAVAREA XX and XXI**

Station	Lat.	Long.	Range	Freq.	ID
<b>NAVAREA XX</b>					
Murmansk	68°46'.00N	032°58'.00E	300 miles	518 kHz	K
Arkhangelsk	64°51'.00N	040°17'.00E	300 miles	518 kHz	L
<b>NAVAREA XXI</b>					
Tiksi	71°38'.00N	128°50'.00E	300 miles	518 kHz	Q

**4. Operational Issues:**

Nothing to report

**5. Quality Management Survey:**

NAVAREA	ISO 9001 -2000	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
<b>XX and XXI</b>	No	Yes	Yes	Yes	Yes	Yes	Yes

**6. Contingency Planning:**

Nothing to report

7. Capacity Building:

Nothing to report

8. Other Activities:

Nothing to report

9. NAVAREA Website

NIL

10. NAVAREA Contact Information:

MSI Service

Federal State Unitary Hydrographic Department

12, Moskovsky pr., St. Petersburg 190031

Russian Federation

Tel/Fax: +7 812 570 34 66

E-mail: libm@hydrograph.spb.su

11. Recommendations:

None

12. Actions requested:

The Sub-Committee is invited to note the information provided.

13. Synopsis:

NAVAREA XX and XXI spends preparation for continuation of providing of navigating warnings on intermittent and test basis with broadcasts on HF NBDP for some Arctic waters which are not covered by INMARSAT service .