

The Russian Federation Report

In the Russian Federation, the Federal Service for Hydrometeorology and Environmental Monitoring is responsible for preparation and issue of meteorological information under GMDSS.

NAVTEX

The nine forecast centres of the Roshydromet, located in Murmansk, Arkhangel'sk, Petropavlovsk-Kamchatsky, Magadan, Youzhno-Sakhalinsk, Vladivostok, Novorossiysk, Astrakhan and St. Petersburg, prepare meteorological information in accordance with the standards and procedures set out in the *Guide to Marine Meteorological Services*, (2002), and send it to the broadcasting centres of the fishing and commercial ports for every-day translation under NAVTEX, two hours per day.

Meteorological information prepared in the NAVTEX format for the Baltic Sea area, in accordance with the standards and procedures set out for this region, is transferred by forecast centre of St-Peterburg immediately to the NAVAREA Coordinator (the Swedish National Meteorological Service) in Sweden for the assimilation and promulgation of the General Meteorological Report within the Baltic Sea area.

During the past few years, the number of users of meteorological information increased.

SafetyNET

The Primorsk Hydrometeorological Centre of Roshydromet, located in Vladivostok, has responsibility for the meteorological information preparation and promulgation under the SafetyNET for METAREA XIII. All meteorological information from the forecast centres of Magadan, Pevek, Petropavlovsk-Kamchastky and Yuozhno-Sakhalinsk is submitted to the centre in Vladivostok, where it has been analyzed, processed, and then in SafetyNET format sent for transmission via CES Perth (Australia) for mariners.

In past years, there were some difficulties associated with the transmission of the meteorological reports within METAREA XIII.

In the Russian Federation, the Ministry of Transportation has the responsibility for preparation and promulgation of the entire information for maritime safety.

This is connected with the ongoing process of distribution of responsibilities between the marine organizations involved in the promulgation of the general meteorological reports (navigational warnings, meteorological forecasts and urgent safety-related information) under SafetyNET within this METAREA.

Currently, this process is near completion, thus, the transmissions of the meteorological information in the METAREA XIII will be continued.

From 2001, the organizations of Roshydromet prepare and promulgate the

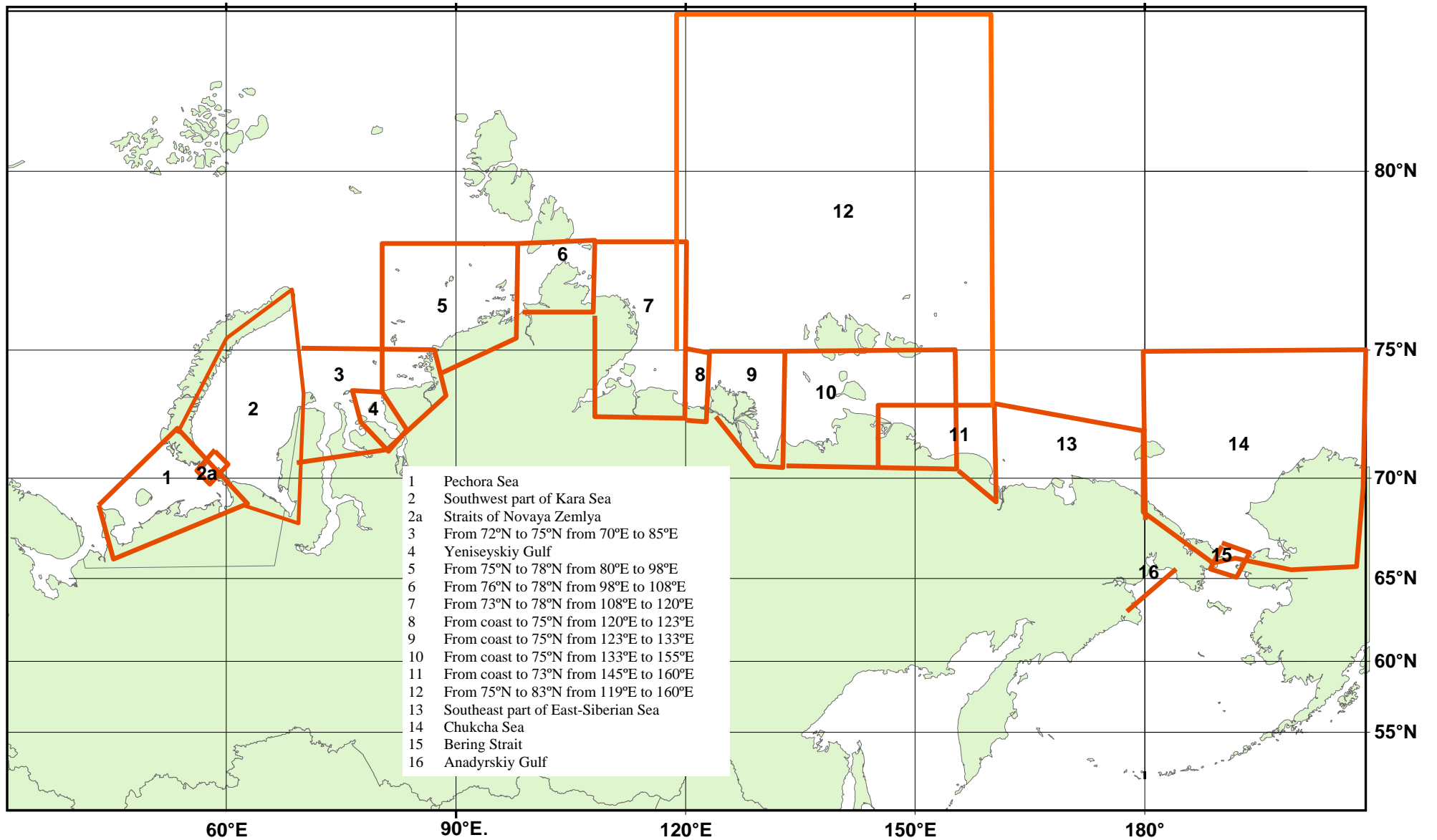
meteorological and ice conditions information under SafetyNET for the areas of the Northern Sea Route. The Arctic and Antarctic Research Institute (AARI, St.Petersburg) is responsible for these operations.

The meteorological and ice conditions information, issued by the forecast centers of Roshydromet, located in Dixon, Tixi and Pevek are transmitted via land-based channels to the AARI. The specialists of the institute analyze and process these messages. Then, this information is prepared in standard English format and sent to the FSUE "Hydrographical Enterprise", working as the Russian SafetyNET Coordinator for the arctic areas. The Coordinator sends this meteorological information to the CES Eik (Norway), which broadcasts it for mariners.

The scheme of the areas designated transmission of the meteorological and ice conditions information for the Northern Sea Route and the examples of such meteorological reports prepared by AARI are provided in Annexes I and II.

In the future, the Russian organizations are ready to widen the existing areas of coverage by meteorological and ice conditions information to the boundaries of arctic areas of NAVAREA.

SafetyNET – Metareas XX and XXI - Forecast Areas



Sample SafetyNET Bulletin for Metareas XX and XXI for 17 January 2007 1800 UTC

FQRS01 RUSP 171600
SECURITY
WEATHER BULLETIN FOR WEST NORTHERN SEA ROUTE
67N44E/80N44E/67N125E/80N125E
ISSUED BY THE ARCTIC AND ANTARCTIC RESEARCH INSTITUTE ST PETERSBURG
ON THE 17 JANUARY 2007 AT 1800UTC

PART 1
AT 171800UTC
WARNING NIL

PART 2

SINOPSIS AT 171800UTC
LOW 975 HPA 66N 35E MOVING E FILLING
LOW 977 HPA 67E 35E MOVING E 17 KMH

ICE
PECHORSKOYE SEA
OPEN WATER, 8-10 BALLS OF YOUNG ICE, NILAS AND FAST ICE
STRAITS OF NOVAYA ZEMLYA
10 BALLS OF YOUNG ICE, NILAS AND FAST ICE
SOUTHWEST PART OF THE KARA SEA
10 BALLS OF THIN FIRST-YEAR ICE, YOUNG ICE, NILAS AND FAST ICE
FROM 72N TO 75N FROM 70E TO 85E
10 BALLS OF THIN FIRST-YEAR ICE, YOUNG ICE, NILAS AND FAST ICE
YENISEYSKIY GULF
FAST ICE
FROM 75N TO 78N FROM 80E TO 98E
10 BALLS OF MEDIUM FIRST-YEAR ICE, THIN FIRST-YEAR ICE, YOUNG ICE,
NILAS AND FAST ICE
FROM 76N TO 78N FROM 98E TO 108E
10 BALLS OF MEDIUM FIRST-YEAR ICE, THIN FIRST-YEAR ICE, YOUNG ICE,
NILAS AND FAST ICE
LAPTEV SEA: FROM 73N TO 78N FROM 108E TO 120E
10 BALLS OF MEDIUM FIRST-YEAR ICE, THIN FIRST-YEAR ICE, YOUNG ICE,
NILAS AND FAST ICE

PART 3
FORECAST FROM 171800UTC TO 181800UTC
PECHORSKOYE SEA
WINDS S/E E 9 TO 14 MS
VIS 3 TO 5 KM LOCALLY SNOW
TEMP MINUS 8 TO MINUS 13 DEGREES
SOUTHWEST PART OF THE KARA SEA STRAITS OF NOVAYA ZEMLYA
WINDS S/E 7 TO 12 MS
VIS 4 TO 6 KM LOCALLY WEAK SNOW
TEMP MINUS 10 TO MINUS 15 DEGREES
FROM 72N TO 75N FROM 70E TO 85E AND YENISEYSKIY GULF
WINDS S/E S 7 TO 12 MS
VIS 10 KM SOMETIMES 2 TO 4 KM WEAK SNOW
TEMP MINUS 16 TO MINUS 21 DEGREES
SOUTH PART OF YENISEYSKIY GULF TEMP MINUS 10 TO MINUS 15 DEGREES
FROM 75N TO 78N FROM 80E TO 98E
WINDS S/E S 7 TO 12 MS
VIS 10 KM
TEMP MINUS 22 TO MINUS 27 DEGREES
FROM 76N TO 78N FROM 98E TO 108E
WINDS E S/E 7 TO 12 MS
VIS 10 KM
TEMP MINUS 18 TO MINUS 23 DEGREES
FROM 73N TO 78N FROM 108E TO 120E
WINDS S/E 7 TO 12 MS
VIS 10 KM SOMETIMES 2 TO 4 KM WEAK SNOW
TEMP MINUS 20 TO MINUS 25 DEGREES