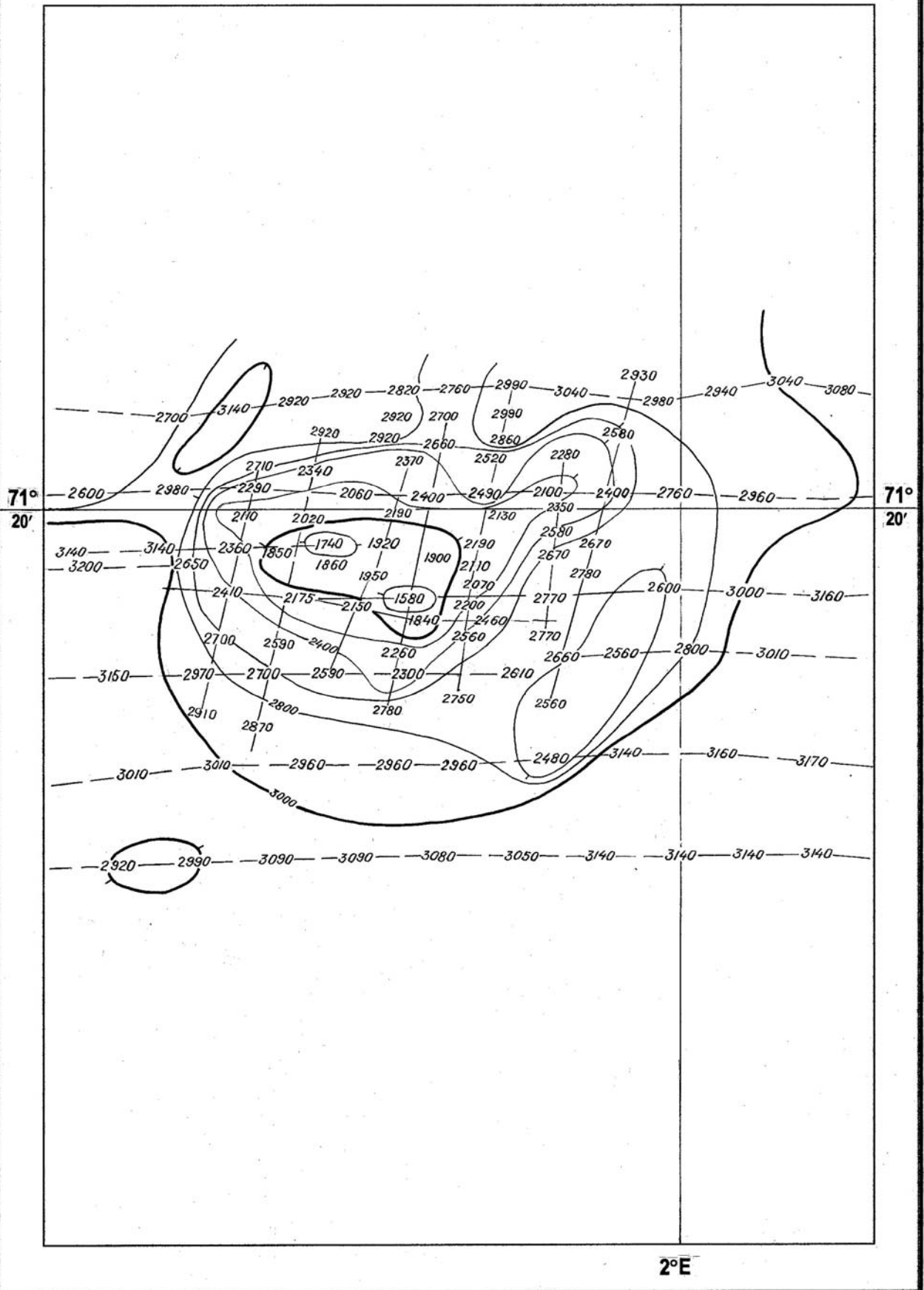
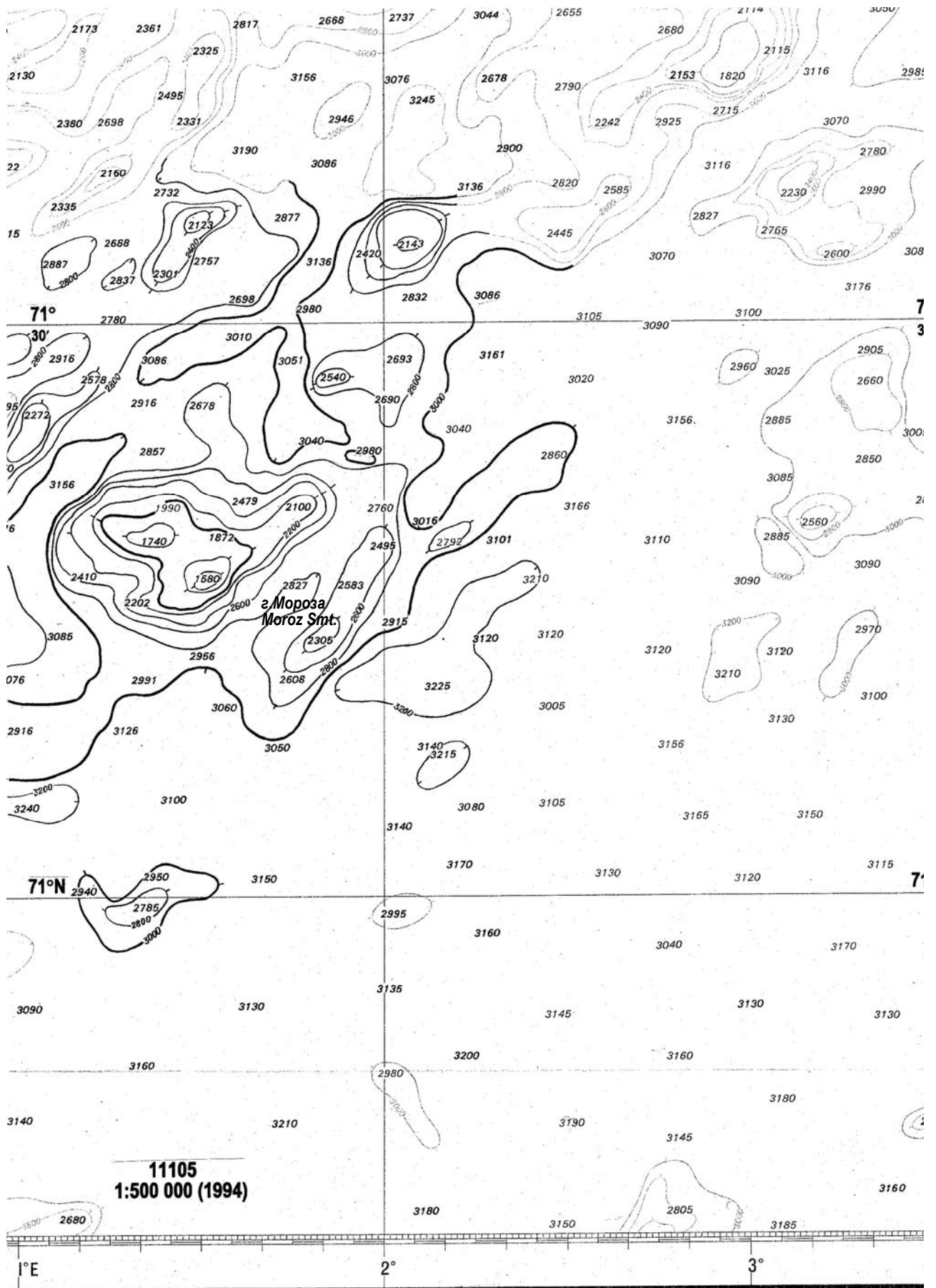


# Moroz Seamount

Discovered and surveyed by the Russian Arctic Hydrographic Expedition

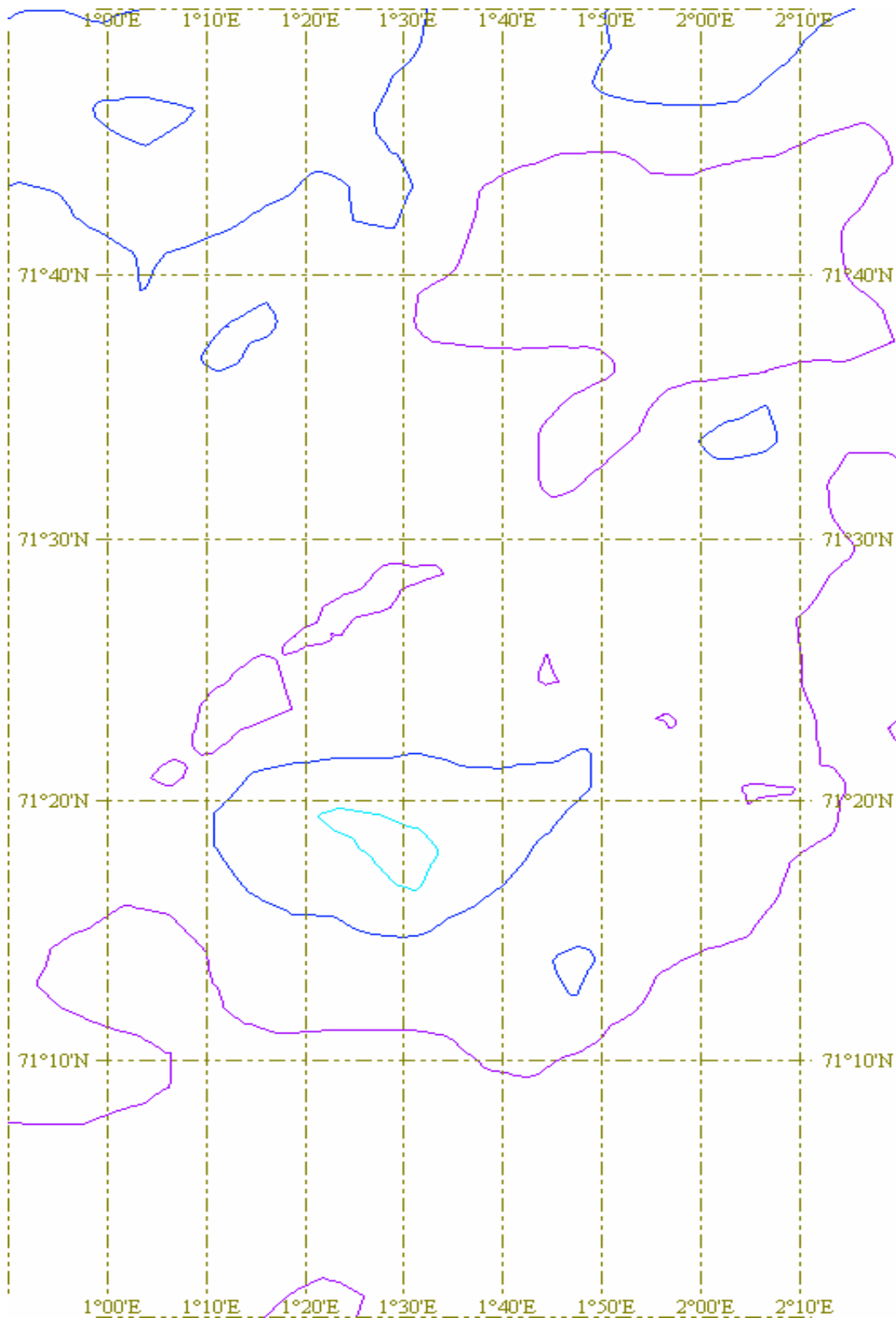


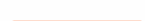










# Moroz Smt (1580)

71°17.0' N 1°32.0' E

GEBCO G-01



- |   |        |   |                   |
|---|--------|---|-------------------|
|  | 200 m  |  | Undersea Features |
|  | 500 m  |  | Graticule         |
|  | 1000 m |   |                   |
|  | 1500 m |   |                   |
|  | 2000 m |   |                   |
|  | 2500 m |   |                   |
|  | 3000 m |   |                   |

**A Undersea feature name proposal**

IHO/IOC Form No.1

*Ocean or Sea:* **Norwegian Sea**

*Name proposed:* **Moroz Seamount**

*Coordinates of midpoint or summit:* **Lat. 71°17' N, Long. 1°32' E,**  
*kilometres in direction from*

*Description (kind of feature):* **Seamount**

*Identifying or categorizing characteristics:* **The seamount has two summits. One summit has a depth of 1740m over it, the other summit with the least depth of 1580m is located SE of it. Depths at the foot are 2900-3100m.**

*Associated features:* **The seamount is located in the frontal zone of Mohns Ridge.**

*Chart reference:*

*Shown with name on chart No.*

*Shown but not named on chart No.* **DNO 1:500 000 (1994), 1:2M (2001), 1:5M (2005),  
GEBCO G-01**

*Not shown but within area covered by chart No.*

*Reason for choice of name:* **To perpetuate the memory of Ivan Danilovich Moroz (1914-2005), a hydrographer. For more than 50 years he had been servicing in the Northern Hydrographic Expedition, personally participated in the hydrographic works in the northern seas to support the navigation of the Northern Fleet ships and units. Participated in 6 expeditions to high latitudes in the Arctic Ocean, in oceanographic works in the Greenland Sea.**

*Discovery facts:*

*Date:* **1974 by the Northern Fleet Hydrographic Expedition**

*By means:* **Echo sounder NEL-6**

*Navigation used:* **Radio Navigation System "Loran-A"**

*Estimated positional accuracy in nautical miles:* **2.6**

*Description of survey:* **Sounding by mutually intersecting sounding lines with the interval 2.5-4.0 km**

*Nature and repository of other survey activities:*

*Supporting material:* **Survey of the seamount by mutually perpendicular sounding lines with the interval 3-4 km was carried out by the Northern Fleet Hydrographic Expedition in 1991. Soundings were taken by echo sounder GEL-3, position fixing was carried out by space-based navigation system with the accuracy of 0.08 miles.**

*Submitted by:* **The Department of Navigation and Oceanography of the RF Ministry of Defence**

*Date:*

*Address:* **11 liniya, B-34, 199034, St. Petersburg**

*Concurred in by:*

*Address:*

## **Moroz Ivan Danilovich**

(1914-2005)

Patriarch of hydrography, veteran of the Northern Hydrographic Expedition, explorer of the northern polar lands and arctic seas.

His working life lasted for 55 years, for 50 years he had been engaged in research activities in the Northern Hydrographic Expedition. He covered thousands of kilometres with plane table and theodolite in hands in lack of roads: over tundra, rocks, taiga and marshes of the polar lands.

Stages of the working life of this pioneer-military topographer were the survey operations on the coasts of the White and Barents Seas, in Kol'skiy Zaliv and Motovskiy Zaliv, Onezhskiy Zaliv and Kandalakshskiy Zaliv, Mezenskiy Zaliv and Dvinskiy Zaliv, in Chyoshskaya Guba and Pechorskaya Guba, in Kol'skiy Poluostrov and Kanin Poluostrov, in Ostrov Kolguyev and Ostrov Vaygach, and Novaya Zemlya.

During the years of the Great patriotic War he selflessly carried out works on the navigational and hydrographic support of the Northern Fleet ships and units.

In the 1960s, being an astronomer, he participated in 6 expeditions to high latitudes on the ice of the Arctic Ocean and in oceanographic sounding in the Greenland Sea.

Such is the review of the difficult but distinguished life of this courageous and brave toiler – surveyor, astronomer, cartographer, hydrographer, explorer of the Arctic seas.

For his selfless labour he was rewarded with the Order of the Patriotic War and many other state awards.