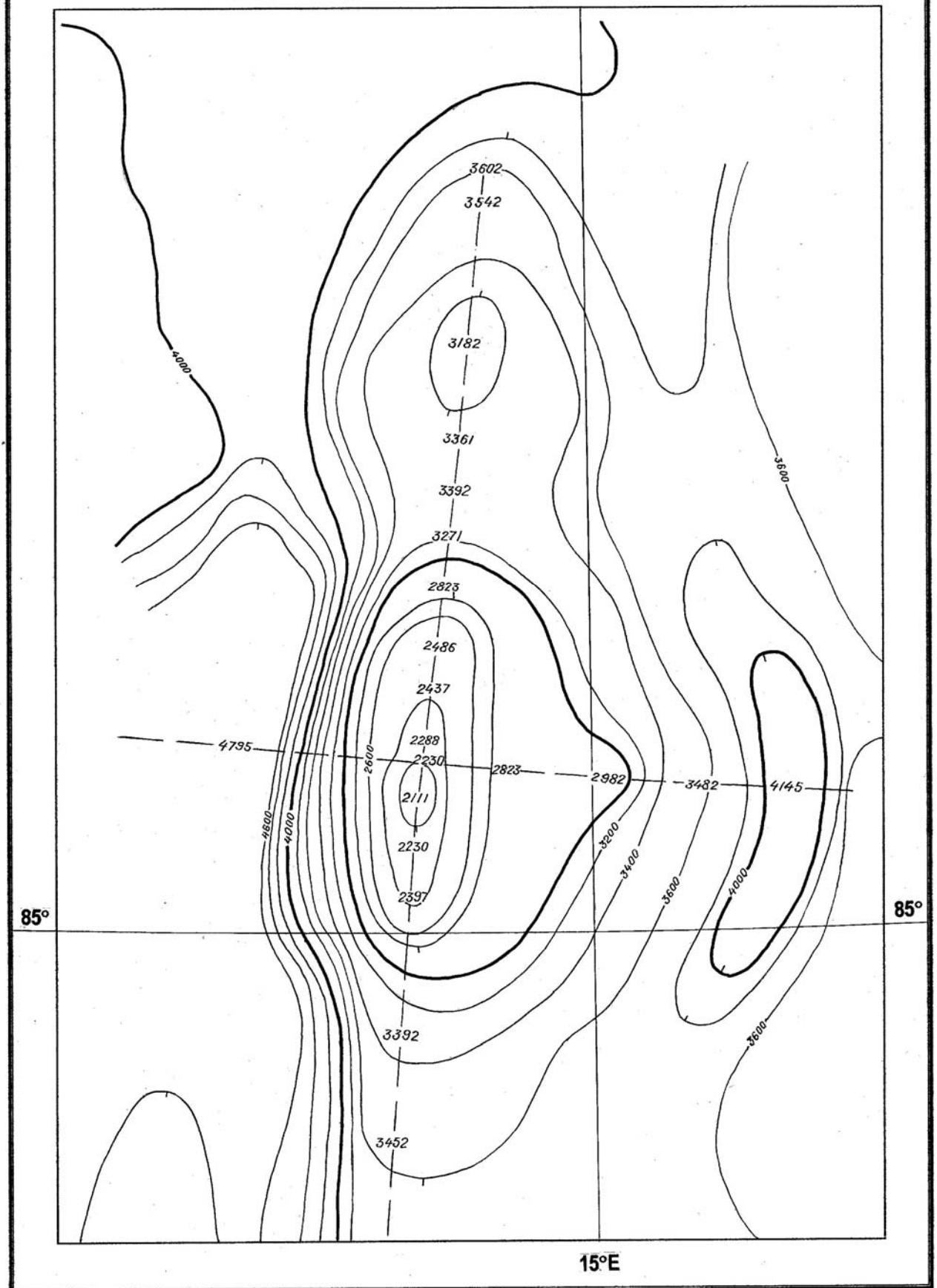
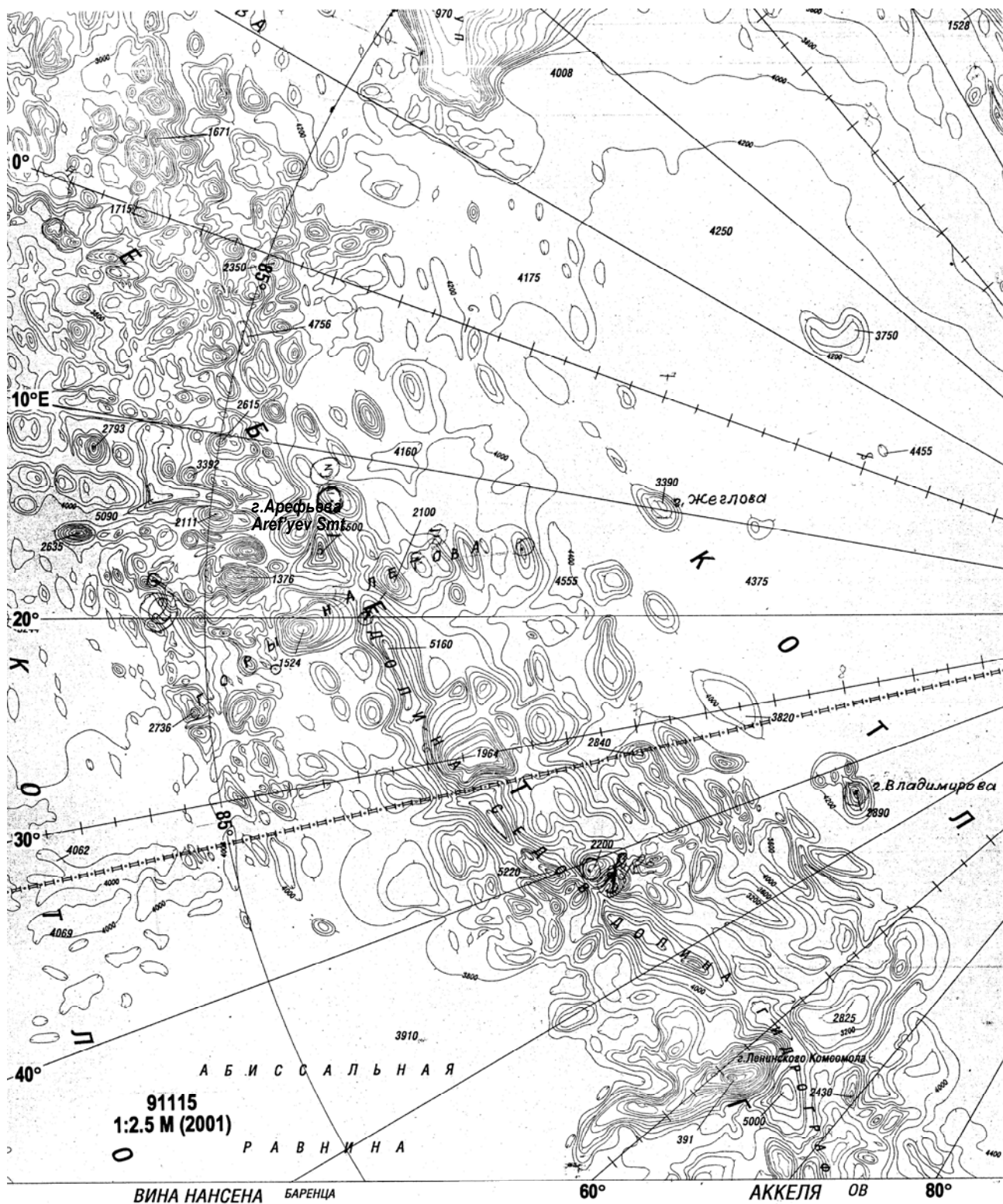


Aref'yev Seamount

Discovered and surveyed by the Russian Arctic Hydrographic Expedition

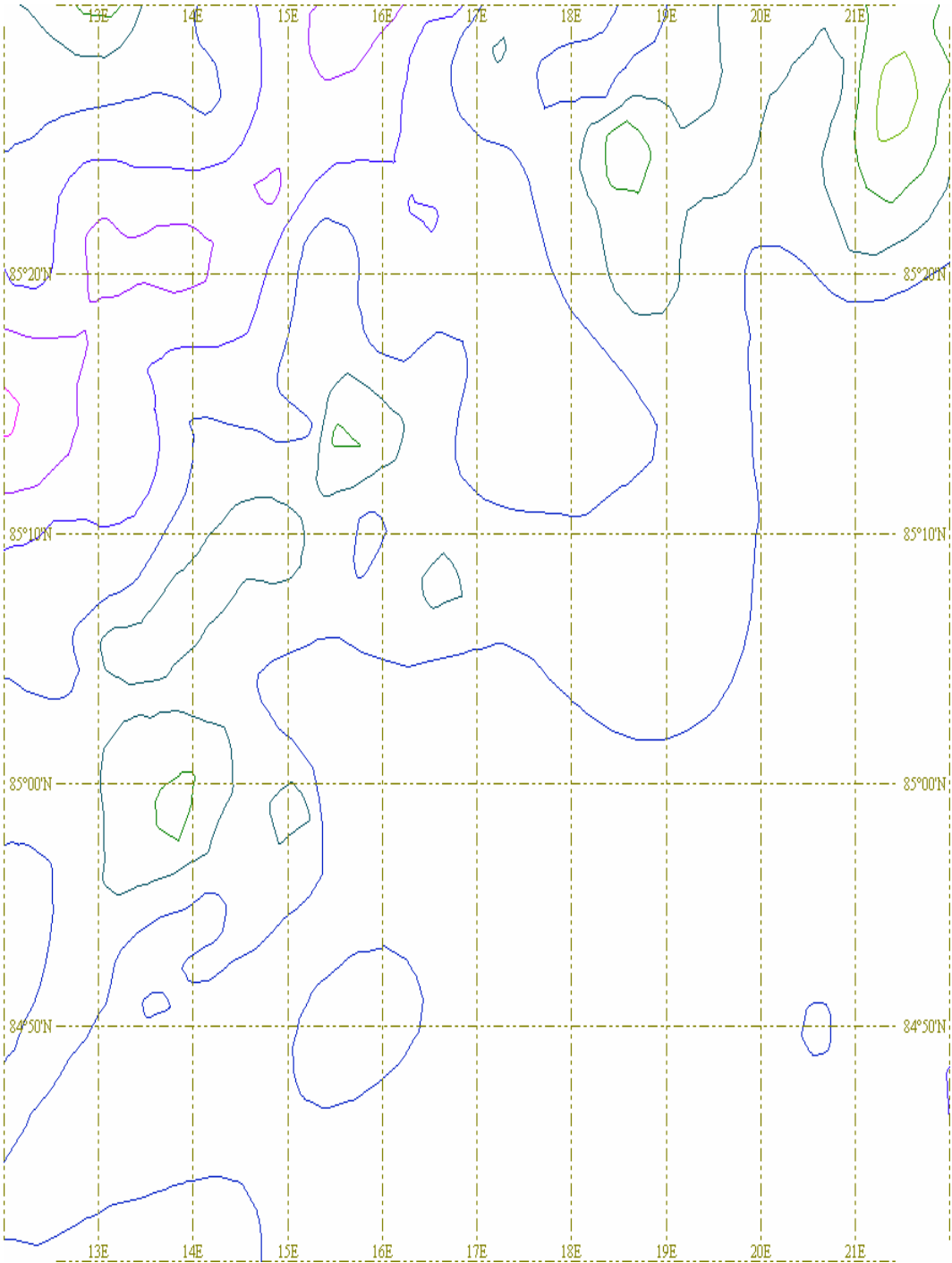

















Arefyev Smt (2111)

85°02.5' N 14°23.0' E

GEBCO G-01



-  200 m
 -  500 m
 -  1000 m
 -  1500 m
 -  2000 m
 -  2500 m
 -  3000 m
 -  3500 m
 -  4000 m
 -  4500 m
 -  5000 m
-  Undersea Features
-  Graticule

A Undersea feature name proposal

IHO/IOC Form No.1

Ocean or Sea: **Arctic Ocean**

Name proposed: **Aref'yev Seamount**

Coordinates of midpoint or summit: **Lat. 85°02'.5 N, Long. 14°23'.0 E,**
kilometres in direction from

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

Identifying or categorizing characteristics: **The seamount of an oval shape is stretched in N direction. W slope is steep, N slope is the most gentle. The least depth is 2111m, depths at the foot are 3600-4000m.**

Associated features: **The seamount is located in the W part of Gakkel' Ridge.**

Chart reference:

Shown with name on chart No.

Shown but not named on chart No. **DNO 1:2.5M (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 Sergey Alekseyevich Aref'yev (1902-1970), a hydrographer/astronomer. For more than 40 years he had been servicing in the hydrographic units of the Northern Fleet, participated in oceanographic research of the Arctic seas. He was at the head and personally participated in the works on determination of the state triangulation base networks, was a member of 8 air expeditions to high latitudes.**

Discovery facts:

Date: **1978 by the Northern Fleet Hydrographic Expedition**

By means: **Eco sounder NEL-6 and depthometer MZT**

Navigation used: **Radio Navigation System "Marshrut"**

Estimated positional accuracy in nautical miles: **1.9**

Description of survey: **Sounding from submarine by mutually perpendicular sounding lines**

Nature and repository of other survey activities:

Supporting material:

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:

Aref'yev Sergey Alekseyevich

(1902-1970)

A surveyor-astronomer of a high qualification, eminent professional. He started his carrier in 1934 as the head of an astronomic/geodetic party, he was engaged in determination of positions of the primary astronomic points in state triangulation base networks.

During the period of the Great Patriotic War he had a special government mission abroad. After the war he returned to the Northern Hydrographic Expedition.

His working carrier lasted for 40 years, he was rewarded with many state awards.