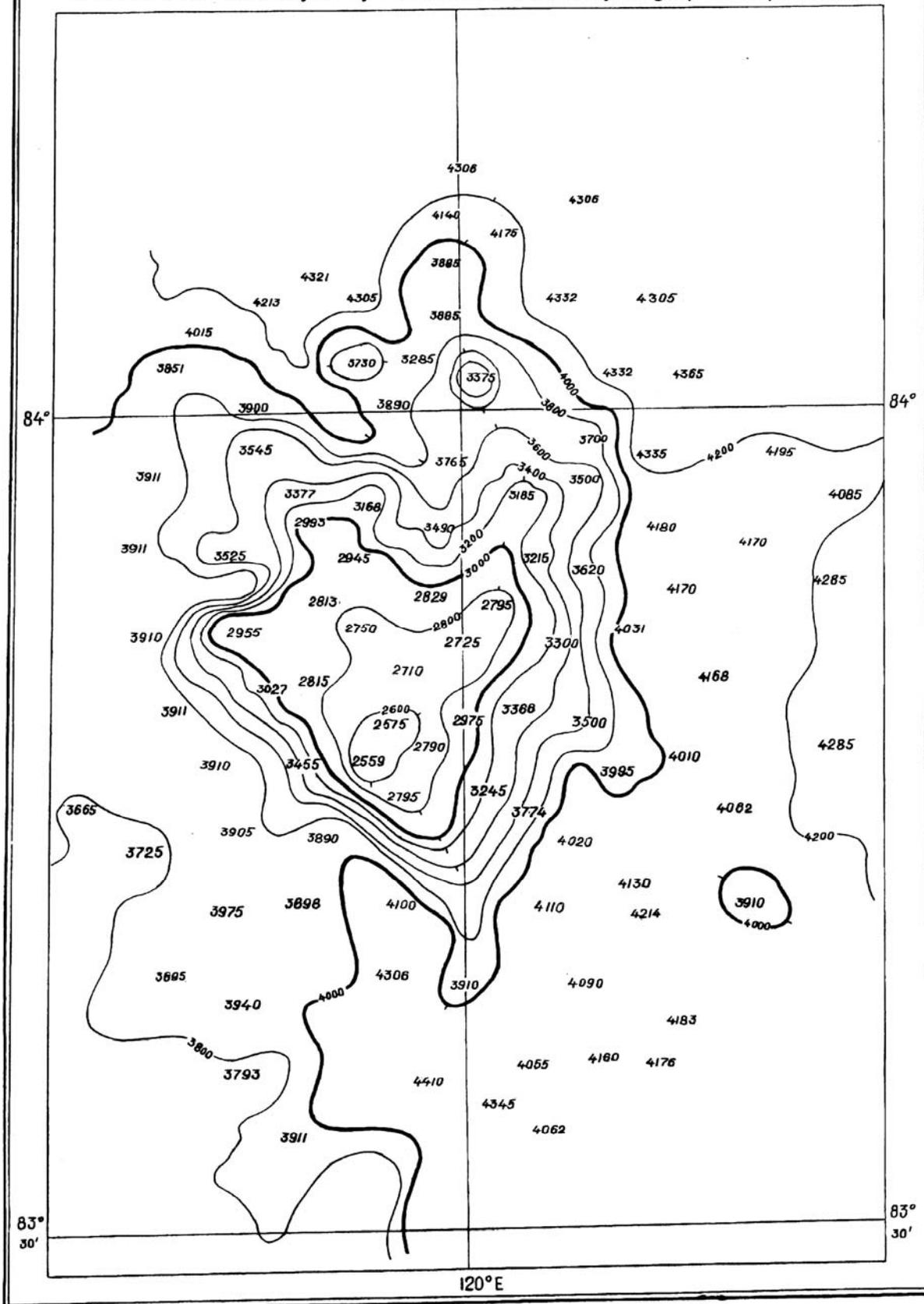


Teplov Seamount

Discovered and surveyed by the Russian Arctic Hydrographic Expedition



A Undersea feature name proposal

IHO/IOC Form No.1

Ocean or Sea: **Arctic Ocean.**

Name proposed: **Teplov Seamount**

Coordinates of midpoint or summit: **Lat. 83°48'.5 N, Long. 119°30'.0 E,**
kilometres in direction from

Description (kind of feature): **The seamount is located in the SE part of Gakkel' Ridge, on its N slope adjoining Amundsen Basin. The relative height of the seamount is 1241 m.**

Identifying or categorizing characteristics: **The least detected depth is 2559 m. The seamount has irregular shape. N-S orientation. The size of the seamount foot within the depth contour of 3800 m is 16 x 19 km. The steepness of the seamount slopes attains 6°-8°.**

Associated features:

Chart reference:

Shown with name on chart No.

Shown but not named on chart No. **GUNIO 1:500 000 (1994)**

Not shown but within area covered by chart No. **GEBCO 5-17**

Reason for choice of name: **To perpetuate the memory of Viktor Dmitriyevich Teplov (1917 – 1984), a hydrographer. Served in hydrographic units of the Black Sea and Baltic Fleets. For more than 20 years he had been the Deputy Chief of the Research Institute. Made considerable contribution into the equipment of the fleet vessels with modern navigational and hydrographic devices.**

Discovery facts:

Date: **1966** by the Northern Fleet Hydrographic Expedition when carrying out general bottom relief survey from ice.

By means: **Soundings were taken by echo sounder NEL-6.**

Navigation used: **Radio Navigation System "Rym" and astronomical fixing.**

Estimated positional accuracy in nautical miles: **Mean square error of depth positioning – 0.4-1.0 miles.**

Description of survey: **Survey from ice was carried out by means of airborne landing at scale 1:500 000.**

Nature and repository of other survey activities: **Discrete survey with density of one sounding per 25-36 km².**

Supporting material: **In 1984 survey from ice with the interval 4-6 km was carried out by the Northern Fleet Hydrographic Expedition. Soundings were taken by echo sounder NEL-6 and by means of seismosounding. Depth positioning was carried out by Radio Navigation System "Omega" and space-based navigation system. Mean square error of depth positioning – 0.1-0.4 miles.**

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

Date:

Address: **8, 11 liniya, B-34, 199034, St. Petersburg**

Concurred in by:

Address:

Teplov Viktor Dmitriyevich

(1917 – 1984)

He was born in Moscow in a family of office worker. In 1941 – 1951, having graduated from the Naval Academy (1941), he worked in subdivisions of the Black Sea Hydrographic Service – in the hydrographic area, hydrographic division and Fleet Hydrographic Department. He conducted bottom relief survey of the Black Sea water area and was engaged in the navigational/hydrographic support of the safety of navigation of ships and vessels.

In 1951 he became the chief engineer and then the Deputy Chief of the State Research Navigational and Hydrographic Institute. He occupied this post for more than 20 years, made considerable contribution into the fitting of ships and vessels with modern home navigation devices.