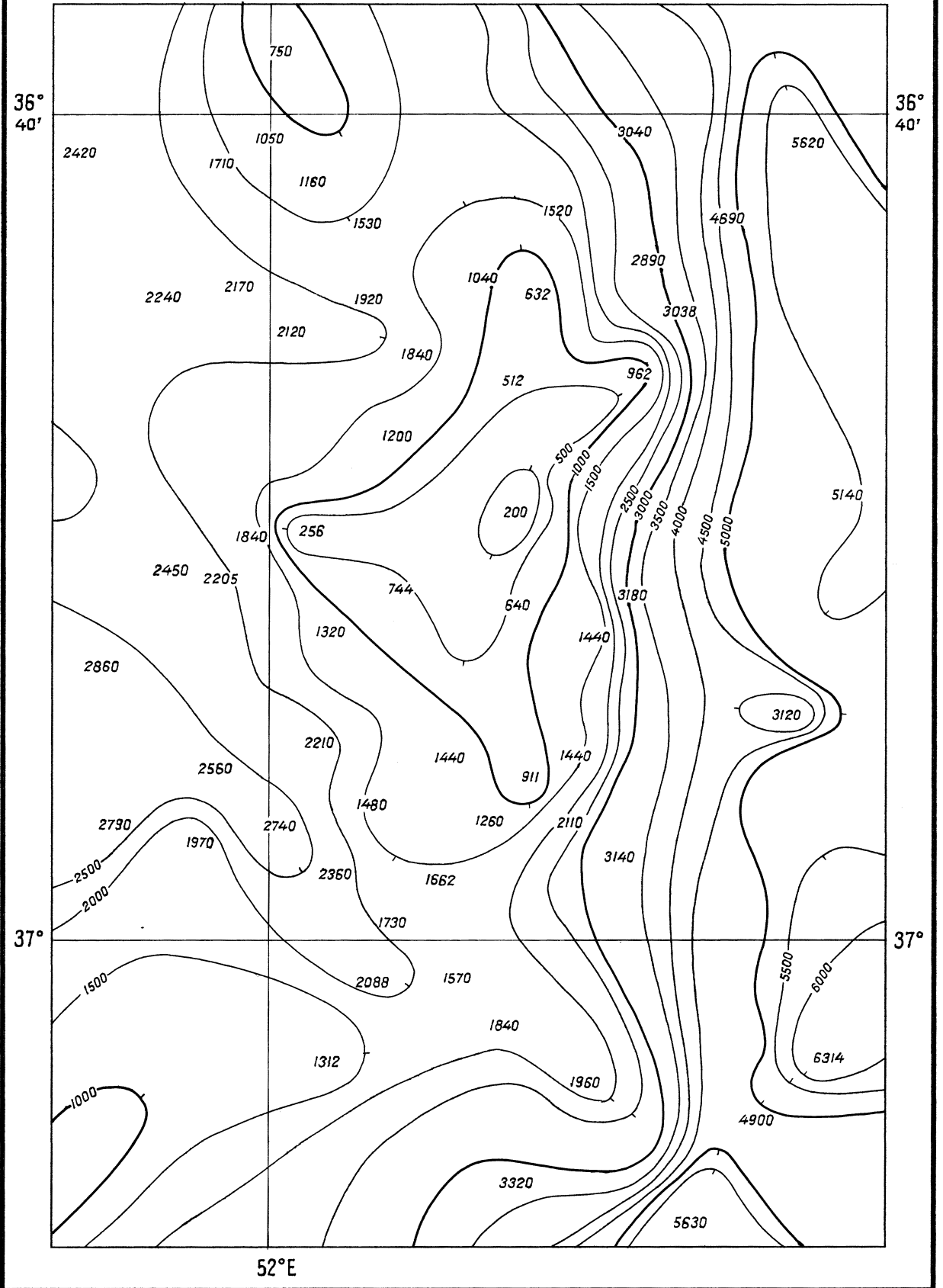


# Kuz'min Seamount

Discovered and surveyed by the Russian search vessel "Geroyevka"



**A Undersea feature name proposal**

IHO/IOC Form No.1

*Ocean or Sea:* Indian Ocean.

*Name proposed:* Kuz'min Seamount

*Coordinates of midpoint or summit:* Lat.36°49'.6 S, Long. 52°07'.5 E,  
kilometres in direction from

*Description (kind of feature):* The seamount is located in the central part of the Southwest Indian Ridge among the depths of 1600-2000 m. The relative height of the seamount is 1600 m.

*Identifying or categorizing characteristics:* The least detected depth is 200 m. The seamount is irregular in shape, with dissected slopes. The summit of the seamount has an oval shape within the depth contour of 250 m. The size of the seamount foot within the depth contour of 1500 m is 30x16 km. The steepness of the slopes varies from 45° to 6°. The E slope descends abruptly to the hole with the depth of 5980 m.

*Associated features:* Gallieni Fracture Zone is located E of the seamount.

*Chart reference:*

*Shown with name on chart No.*

*Shown but not named on chart No.* 41460, ed. 1998; 40135, ed. 2001.

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

*Reason for choice of name:* To perpetuate the memory of Grigoriy Fyodorovich Kuz'min (1917 – 1983), a hydrographer. For many years served in hydrographic subdivisions of the Northern Fleet. Leader and organizer of the hydrographic research in the Far East. Made considerable contribution into the initiation of the oceanographic research.

*Discovery facts:*

*Date:* 1980 by Discovered and surveyed by the search vessel "Geroyevka" of the Ministry of Fishery.

*By means:* Soundings were taken by echo sounder "Priboy-G".

*Navigation used:* Space-based navigation system.

*Estimated positional accuracy in nautical miles:* Mean square error of position fixing – 0.2 miles; of depth positioning – 0.5-0.8 miles.

*Description of survey:* Survey was carried out by sounding at scale 1:500 000.

*Nature and repository of other survey activities:* Sounding by zigzag sounding lines.

*Supporting material:* In 1981 the survey by sounding at scale 1:500 000 was carried out by the scientific search vessel "Fiolent" of the Ministry of Fishery. Soundings were taken by echo sounder "KHAG-432". Positioning was carried out by space-based navigation system with accuracy 0.3 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:*

## **Kuz'min Grigoriy Fyodorovich**

(1917 – 1983)

He was born in Ivanovo Region in the village of Nadezhdino.

In 1931 – 1933 he navigated in the northern seas aboard icebreaking steam vessel “Malygin”. Having graduated from the Hydrographic Department of the Naval Academy (1941), he worked in subdivisions of the Baltic Fleet Hydrographic Service and was engaged in the navigational/hydrographic support of the safety of navigation of ships and vessels.

In 1945 he became the Chief of the Hydrographic Division of the Caspian Naval Flotilla, and one year later was transferred to the Amur Naval Flotilla, where occupied the post of the Chief of the Hydrographic Division. He personally participated in hydrographic works in Reka Amur.

In 1956 – 1972 he worked at the State Research Navigational and Hydrographic Institute, participated in the development of new technique and technical means of oceanographic research.

In 1972 – 1983 he was at the head of the navigational/hydrographic and cartographic information division of the Navy Charts Division.