

.UNDERSEA FEATURE NAME PROPOSAL

(Sea NOTE overleaf)

Note: The boxes will expand as you fill the form.

Name Proposed: **Rykachev guyot** | Ocean or Sea: **Pacific Ocean**

Geometry that best defines the feature (Yes/No) :

Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons*	Combination of geometries*
		X				

* Lines / polygons / geometries should be clearly distinguished when providing the coordinates below.

Coordinates:	Lat. (e.g. 63°32.6'N) 17°10.2' N	Long. (e.g. 046°21.3'W) 162°40.1'E

Feature Description:	Maximum Depth: 5600 m	Steepness : 0° - 41°
	Minimum Depth : 1233 m	Shape : oval with complicate cone
	Total Relief : 4367 m	Dimension/Size : 133 ð 85 km

Associated Features: | **Placed on the N-E part of the Magellan seamounts**

Chart/Map References: | Shown Named on Map/Chart:
Shown Unnamed on Map/Chart: **On GEBCO sheet 5.06**
Within Area of Map/Chart:

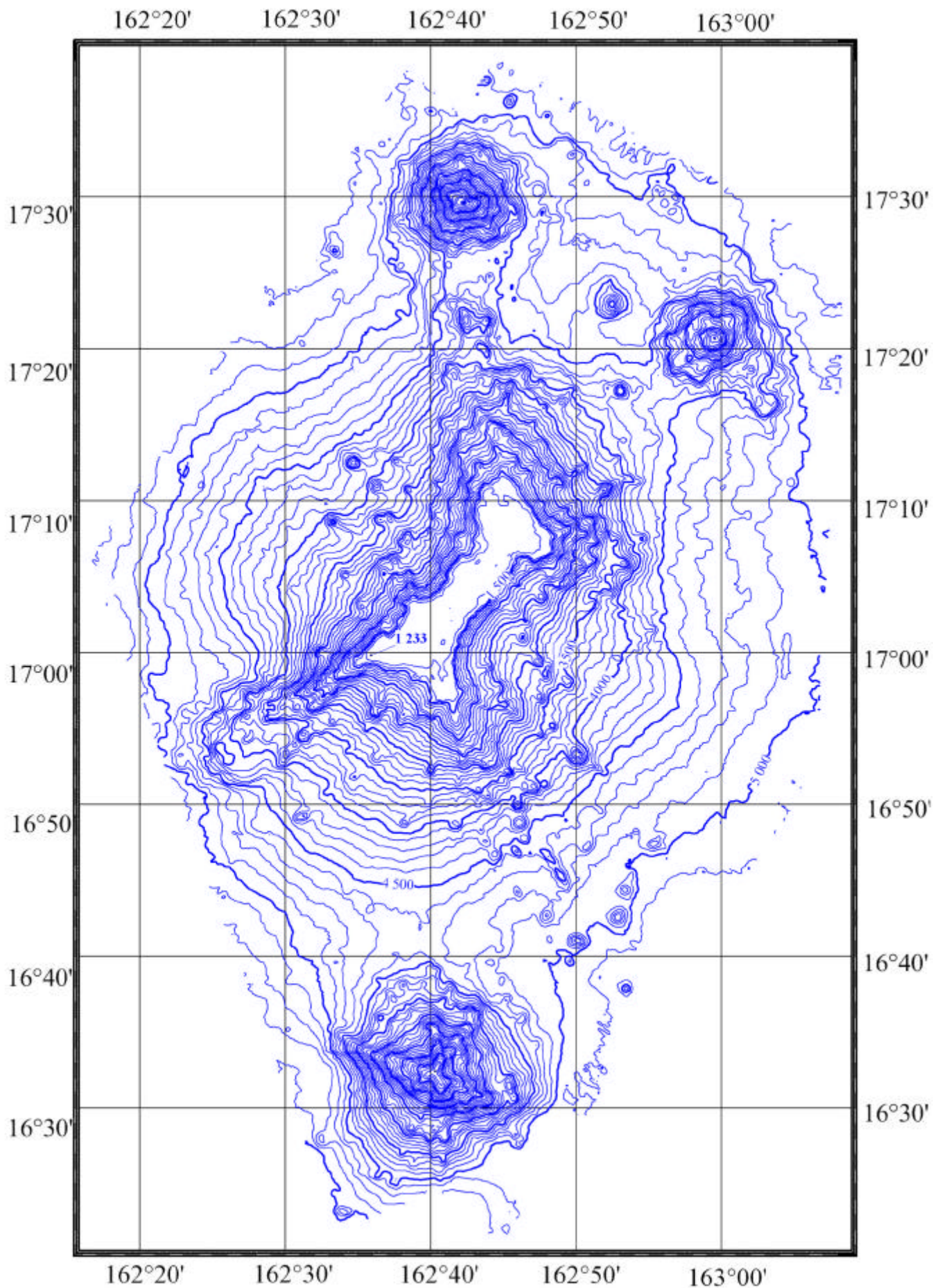
Reason for Choice of Name (if a person, state how associated with the feature to be named): | The name is given after M.A. Rykachev (1840 – 1919) – a meteorologist and a director of the Main Physical Observatory and a member of Emperor Academy of Scientists. He was involved into meteorological and magnetic observations, established a Department of Marine Meteorology, Storms Warnings and weather forecast. He took part in organization of meteorological flights. He created new magnetic map of the Caspian Basin. In 1881 year compiled and published the first map bottom of the World ocean, based on the date of the “Chelledger” expedition 1872-1876, 1885. He published about 100 scientific papers about meteorology, earth magnetism and physical geography.

Discovery Facts: | Discovery Date: **2008 year**
Discoverer (Individual, Ship): **RV "Gelendzhik"**

Supporting Survey Data, including Track Controls: | Date of Survey: **2008 year**
Survey Ship: **RV "Gelendzhik"**
Sounding Equipement: **Simrad EM12 S-120**
Type of Navigation: **Navstar GPS**
Estimated Horizontal Accuracy (nm): **± 0.001 mile**
Survey Track Spacing: **swathe bathymetric regular 3D survey**

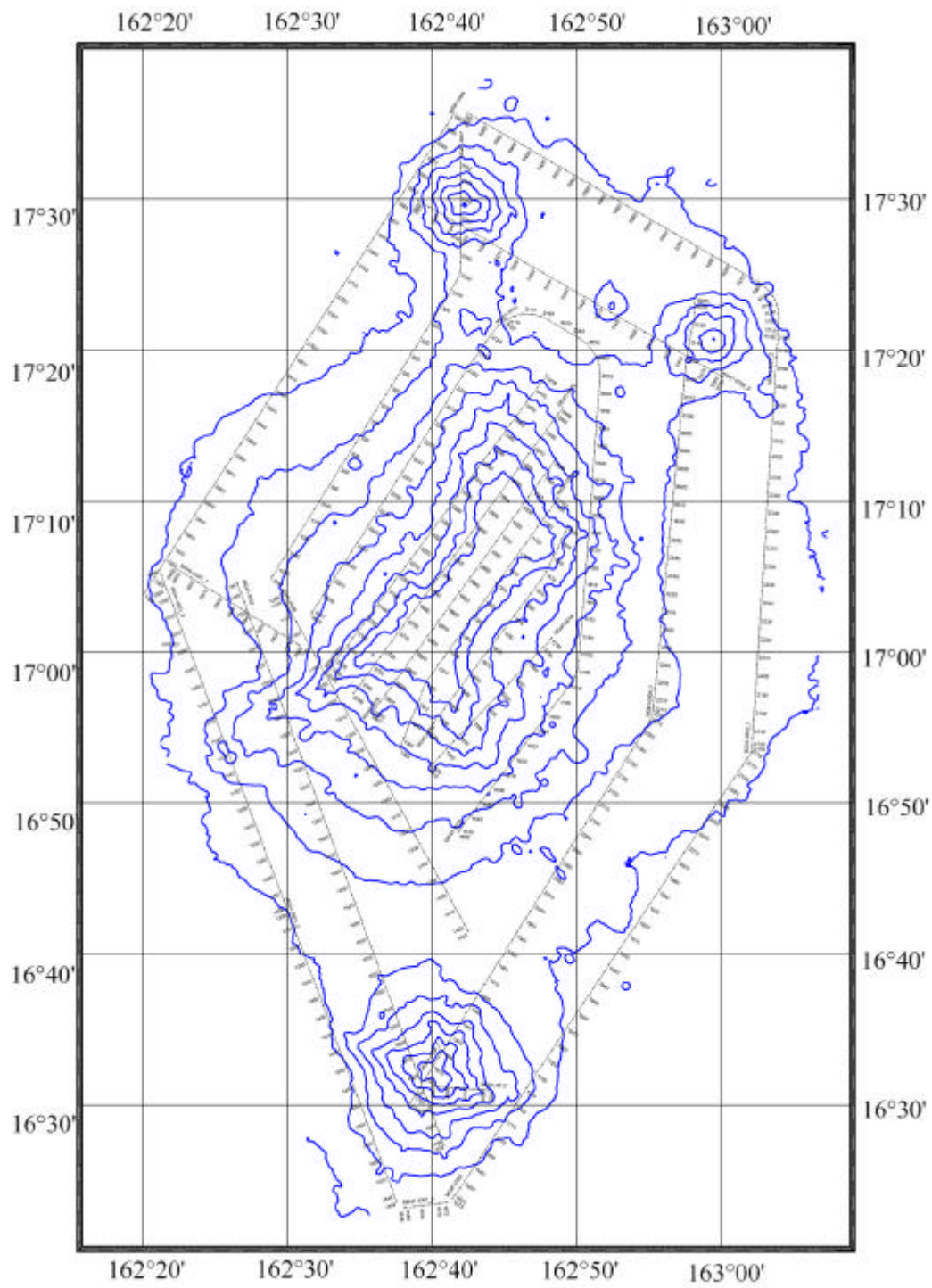
Proposer(s): | Name(s): **Melnikov M.E.**
Date:
E-mail: **melnikov@vmg.ru**
Organization and Address: **State Scientific Centre "Yuzhmorgeologiya" 20, Krymskaya St., Gelendzhik 353461, Russia**
Concurrer (name, e-mail, organization and address):

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Bathymetric map (contour interval 100 m.)

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Outlines of servey of R/V "Gelendzhik" 2008