

## UNDERSEA FEATURE NAME PROPOSAL

(Sea NOTE overleaf)

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

<b>Name Proposed:</b>	<i>Issledovatel' Hill</i>	<b>Ocean or Sea:</b>	<i>Pacific Ocean</i>
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**Geometry** that best defines the feature (Yes/No) :

Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons*	Combination of geometries*
<i>Yes</i>						

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

<b>Coordinates:</b>	Lat. (e.g. 63°32.6'N) <i>12°48'31.3"N</i>	Long. (e.g. 046°21.3'W) <i>133°11'19.3"W</i>
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<b>Feature Description:</b>	Maximum Depth: <i>4950-4975</i>	Steepness : <i>Up to 18°</i>	Shape : <i>isometric</i>
	Minimum Depth : <i>4400</i>	Shape : <i>isometric</i>	Dimension/Size : <i>5.1x4.9 miles</i>
	Total Relief : <i>550</i>	Dimension/Size : <i>5.1x4.9 miles</i>	

<b>Associated Features:</b>	<i>The hill is located to the South from Clarion fracture zone</i>
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<b>Chart/Map References:</b>	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	
	Within Area of Map/Chart:	<i>GEBCO sheet 5.07</i>

<b>Reason for Choice of Name</b> (if a person, state how associated with the feature to be named):	<i>In honor of RV "Issledovatel" - a specialized scientific vessel for complex geophysical researches. In 70 – 80th years of XX-th century RV "Issledovatel" carried out seismic, gravimetric and magnetometric researches and depth measure in a tropical zone of Atlantic and Indian oceans. During several expeditions RV executed great volume of geophysical researches in North-Western Basin of Pacific ocean in an ore province of Clarion-Klipperton fracture zone.</i>
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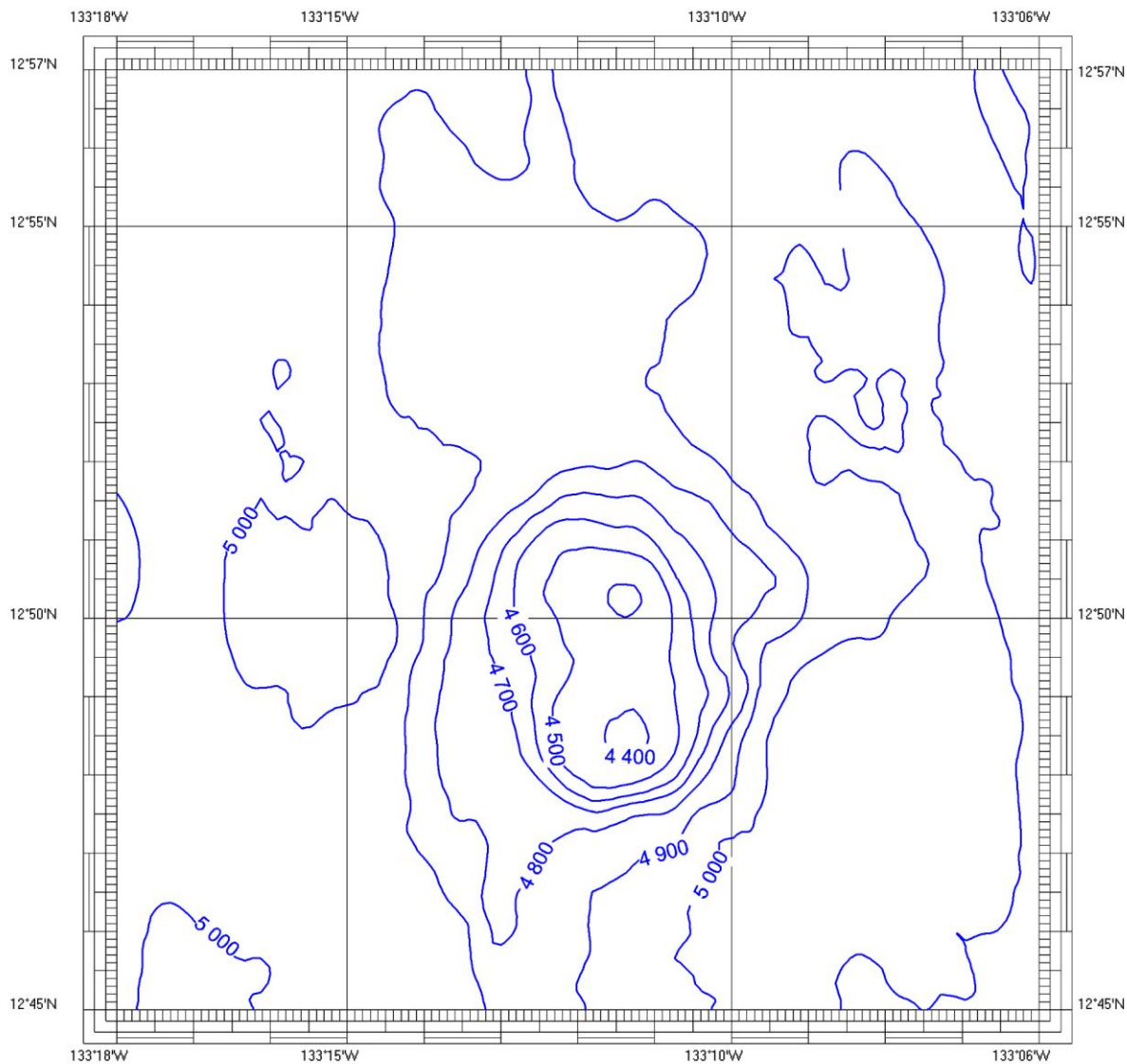
<b>Discovery Facts:</b>	Discovery Date:	<i>1999</i>
	Discoverer (Individual, Ship):	<i>RV "Gelendzhik"</i>

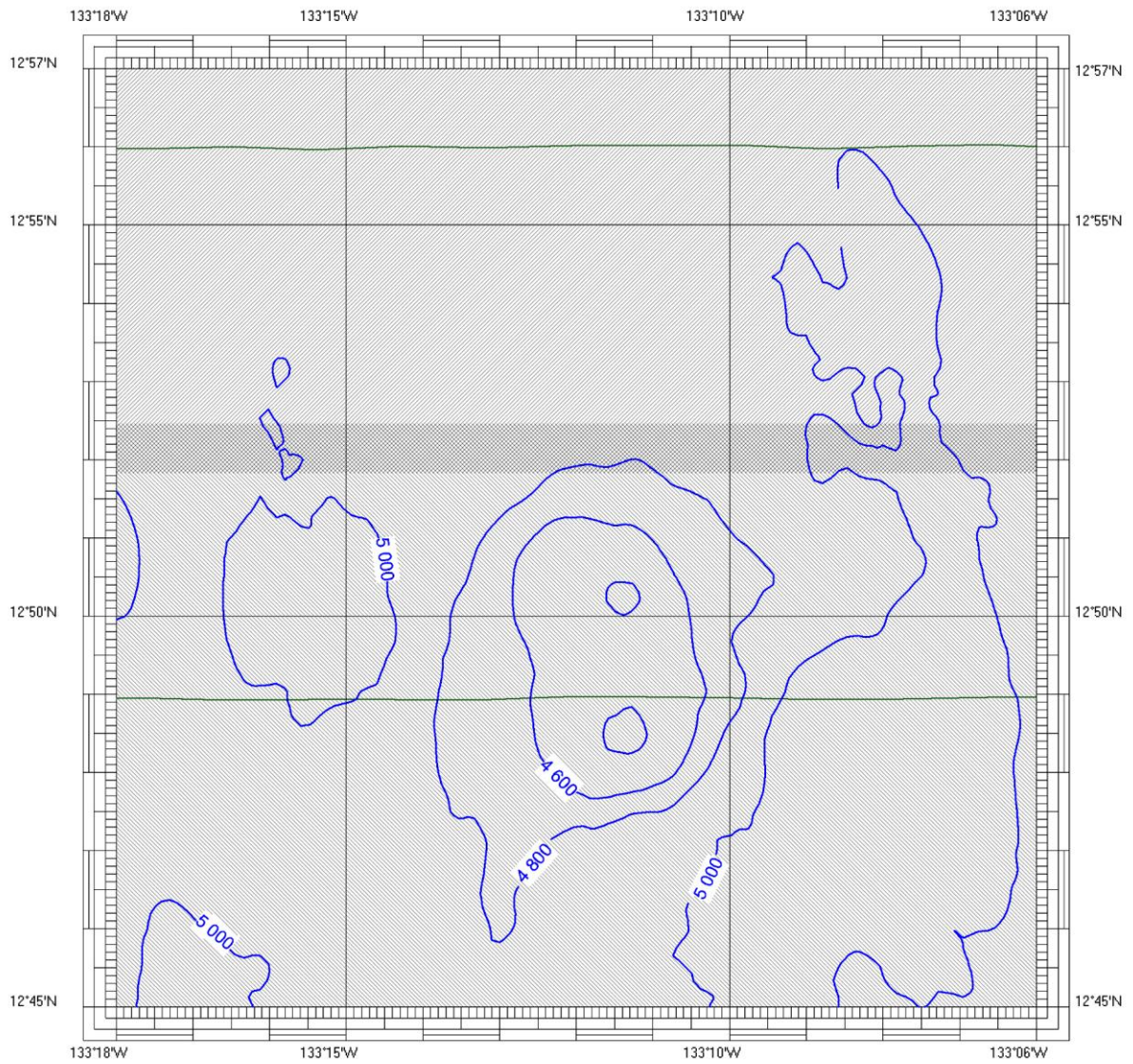
<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	<i>1999</i>
	Survey Ship:	<i>RV "Gelendzhik"</i>
	Sounding Equipment:	<i>EM 12 S 120 (Simrad)</i>
	Type of Navigation:	<i>GPS</i>
	Estimated Horizontal Accuracy (nm):	<i>22 meters</i>
	Survey Track Spacing:	<i>3D</i>

<b>Proposer(s):</b>	Name(s):	<i>V.V. Kruglyakov, M.E. Melnikov</i>
	Date:	<i>2011</i>
	E-mail:	<i>ocean@ymg.ru</i>
	Organization and Address:	<i>State Scientific Centre YUZHMOREGEOLOGIYA</i>
	Concurrer (name, e-mail, organization and address):	

**. UNDERSEA FEATURE Issledovatel hill**

*Bathymetric map (contour interval 100 m.)*





The measurement scheme of the Issledovatel hill. Sounding lines of Simrad EM 12 S 120 are shown by green straight lines. The coverage area of the multibeam echosounder is shown by shading. Sections of composite shading are overlapping zones.