UNDERSEA FEATURE NAME PROPOSAL

(Sea **NOTE** overleaf)

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

Name Proposed:	***Kretov Hill***	**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*
Yes						

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

	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
Coordinates:	***14°3'52.9"N***	***131°56'56.4"W***

Feature Description:	Maximum Depth:	*5100*	Steepness :	*Up to 30°*
	Minimum Depth :	*4275*	Shape :	*With crater on the top*
	Total Relief :	*825*	Dimension/Size :	*3.9x5.1 miles*

Associated Features:	The hill is located to the South from Clarion fracture zone

Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	
	Within Area of Map/Chart:	GEBCO sheet 5.07

Reason for Choice of Name (if a person, state how associated with the feature to be named)**:**	In honor of A.V.Kretov, talented Russian researcher of a geological structure and minerals (polymetallic nodules) in an ore province of Clarion-Klipperton. A.V.Kretov (1959 – 1988) – was the leading geologist of YuTGRE~~,~~ in Nakhodka. He took place in four expeditions to the Clarion-Klipperton fracture zone and wrote geological reports on results of these expeditions. A.V.Kretov published a number of scientific works about sediments and ferromanganese nodules the region.

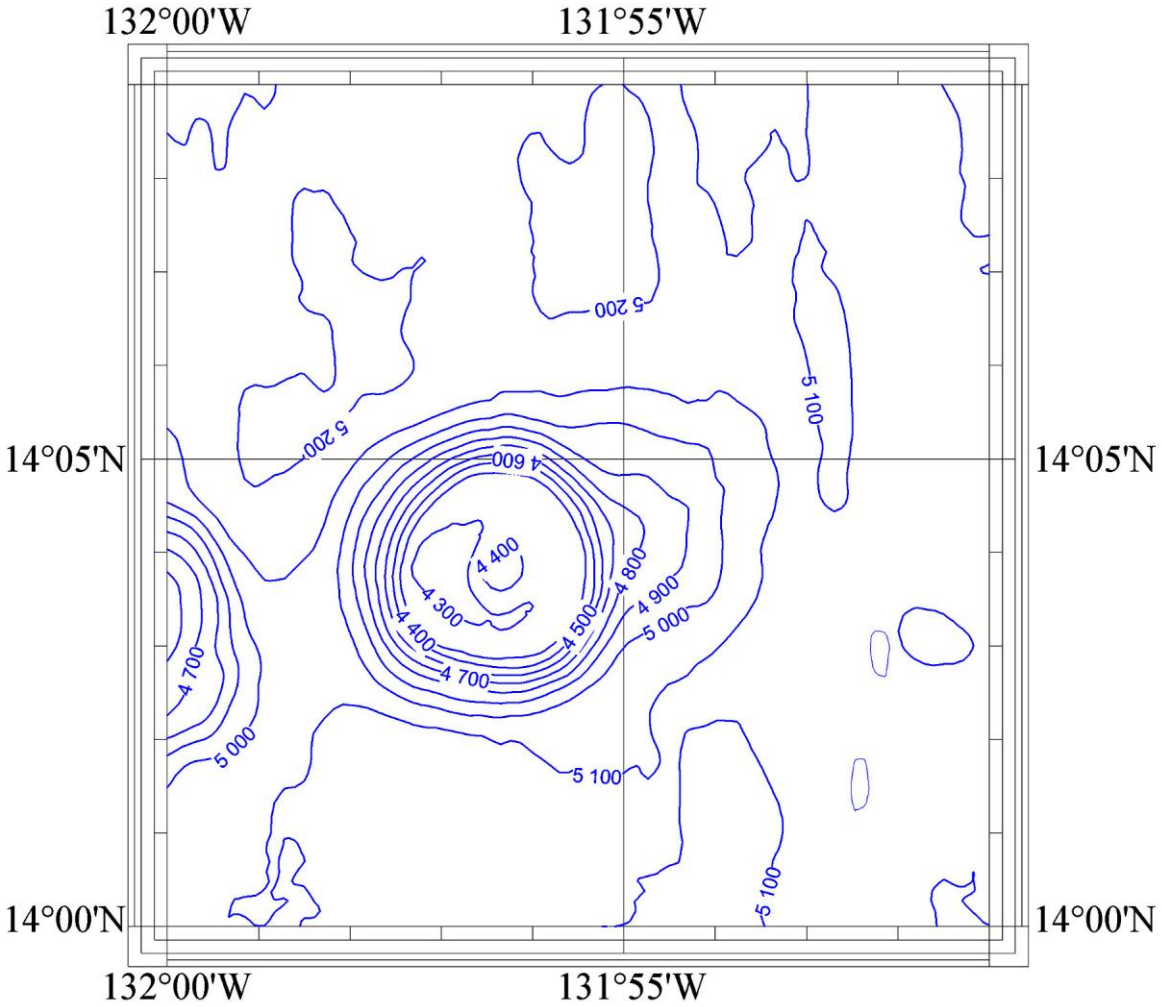
Discovery Facts:	Discovery Date:	*1999*
	Discoverer (Individual, Ship):	*RV "Gelendzhik"*

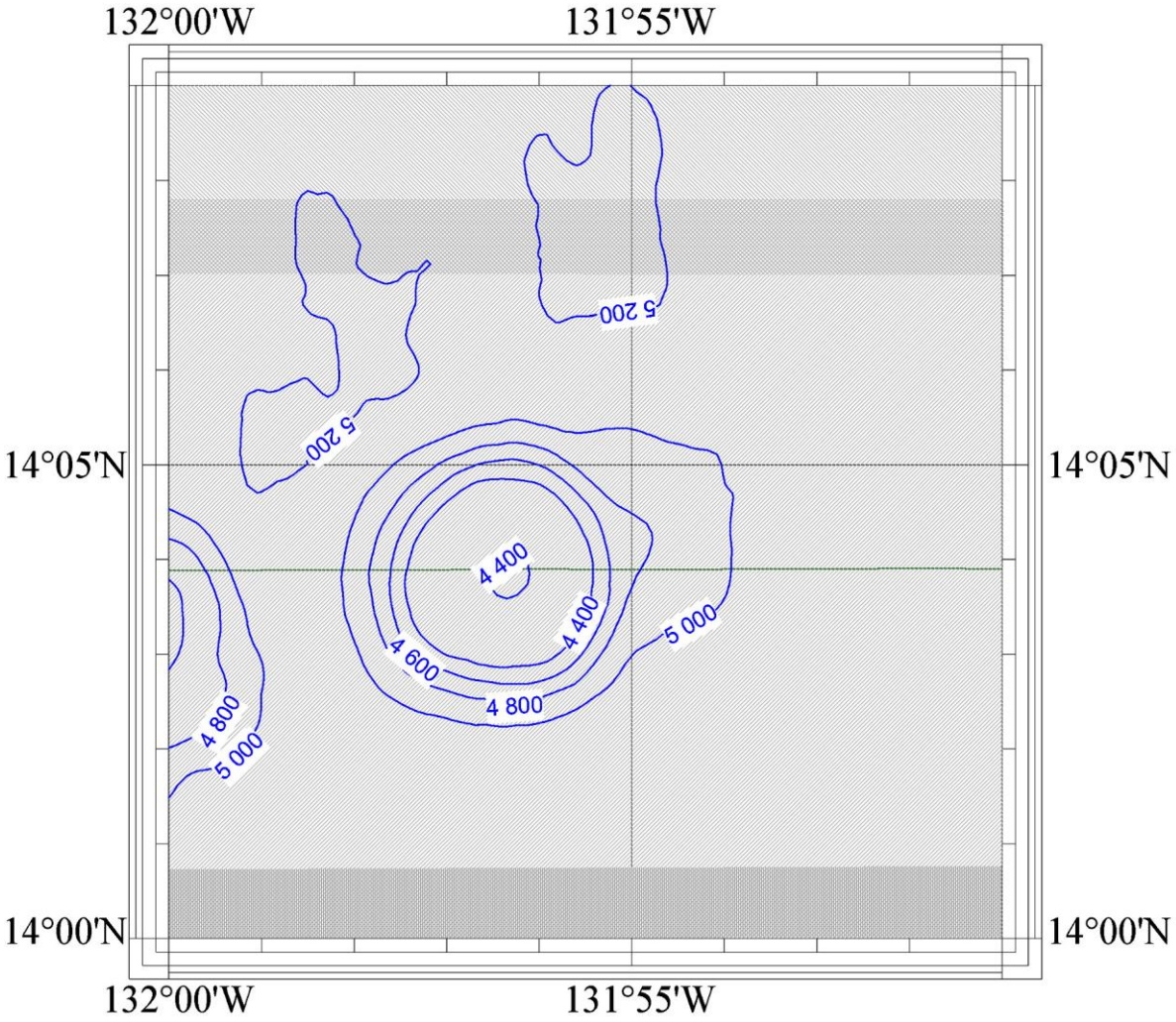
Supporting Survey Data, including Track Controls:	Date of Survey:	*1999*
	Survey Ship:	*RV "Gelendzhik"*
	Sounding Equipement:	*EM 12 S 120 (Simrad)*
	Type of Navigation:	*GPS*
	Estimated Horizontal Accuracy (nm):	*22 meters*
	Survey Track Spacing:	3D

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

. **UNDERSEA FEATURE Kretov hill**

Bathymetric map (contour interval 100 m.)





The measurement scheme of the Kretov 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.