

UNDERSEA FEATURE NAME PROPOSAL

(Sea NOTE overleaf)

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

Name Proposed: Zhuze Seamount Ocean or Sea: Indian 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)	Long. (e.g. 046°21.3'W)
	23°30'S	60°15,8'E
	23° 33 31'S	60° 15 15'E
	23° 33 39'S	60° 13 49'E
	23° 32 51'S	60° 12 02'E
	23° 31 39'S	60° 11 32'E
	23° 30 03'S	60° 11 49'E
	23° 28 59'S	60° 13 12'E
	23° 28 09'S	60° 14 35'E
	23° 27 38'S	60° 16 38'E
	23° 27 03'S	60° 17 20'E
	23° 26 40'S	60° 17 52'E
	23° 26 29'S	60° 19 21'E
	23° 26 55'S	60° 20 52'E
	23° 28 09'S	60° 20 58'E
	23° 29 28'S	60° 19 44'E
	23° 29 57'S	60° 18 55'E
	23° 31 06'S	60° 19 03'E
	23° 32 09'S	60° 18 26'E
	23° 33 15'S	60° 16 58'E

Feature Description:	Maximum Depth:	<u>4500 m</u>	Steepness :	
	Minimum Depth :	<u>2892 m</u>	Shape :	
	Total Relief :	<u>1600 m</u>	Dimension/Size :	<u>17 x 10 km</u>

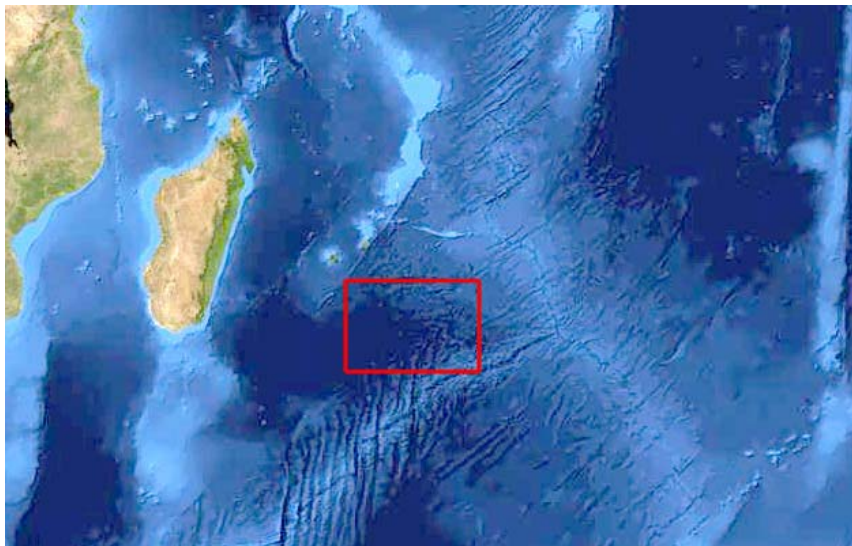
Associated Features: The feature is located in to the north of Southwest Indian Ridge, near the Melville Fracture Zone

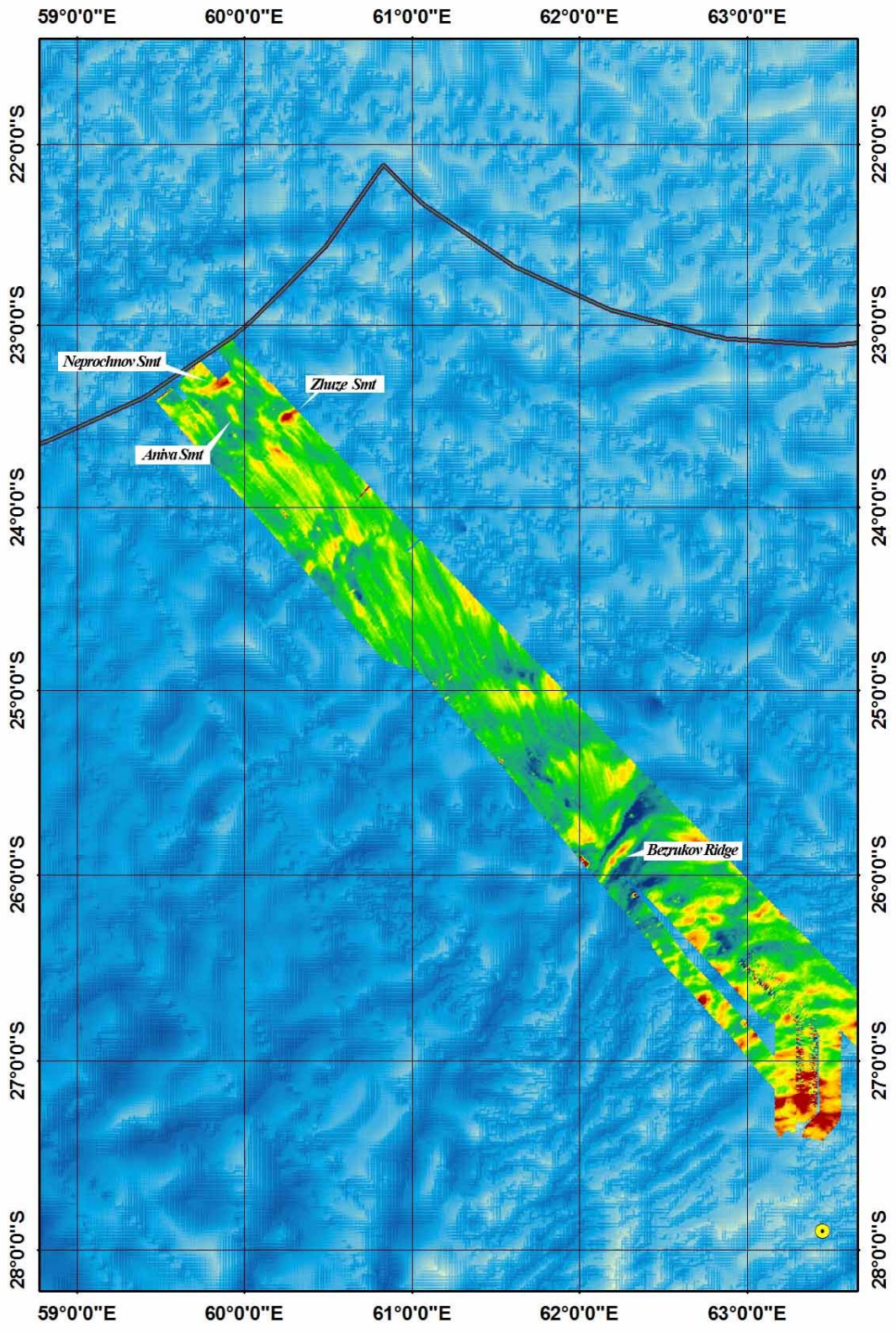
Chart/Map References: Shown Named on Map/Chart: _____
Shown Unnamed on Map/Chart: _____
Within Area of Map/Chart: _____

Reason for Choice of Name (if a person, state how associated with the feature to be named): Zhuze A. (1905-1981) Micropalaeontologist, an expert on algae. Her research field was stratigraphy of oceanic sediments and paleoceanology of the World Oceans. She is the author of over 100 scientific papers, including the "Atlas of bottom sediment microorganisms of the World Ocean" and one of the co-authors of Geological and Geophysical Atlas of the Indian Ocean. She discovered more than 10 new types and more than 100 new species of diatoms.

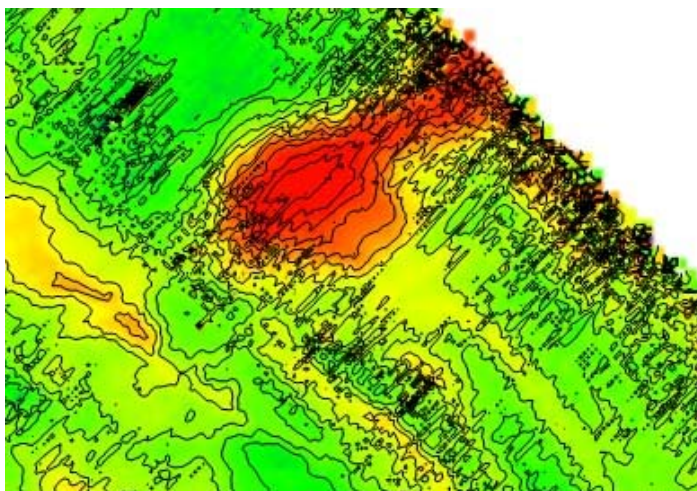
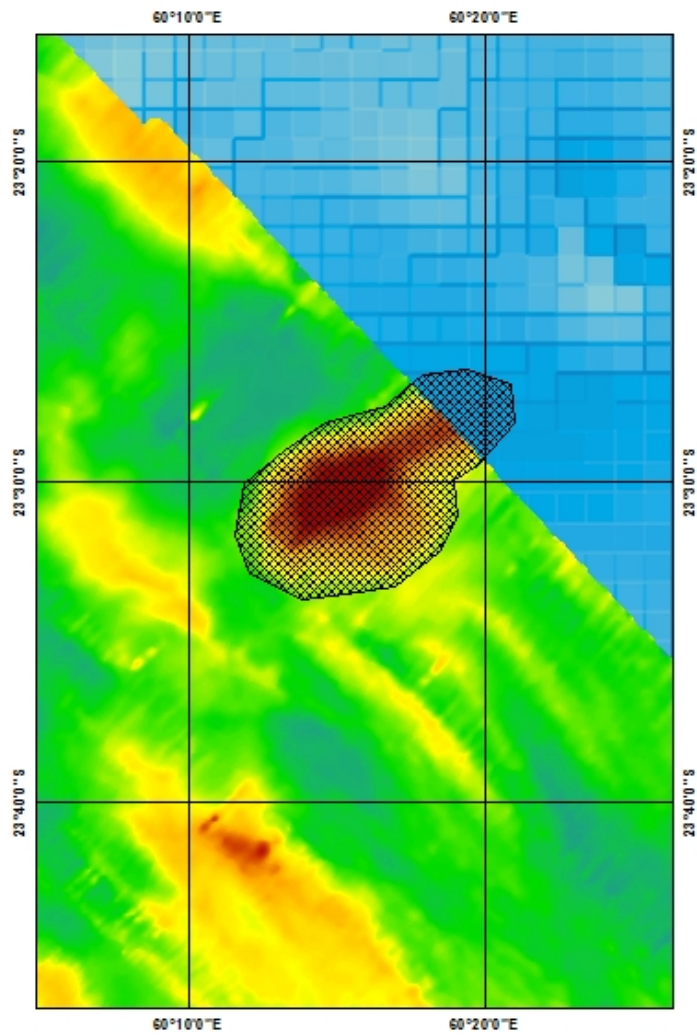
Discovery Facts:	Discovery Date: Discoverer (Individual, Ship):	
Supporting Survey Data, including Track Controls:	Date of Survey: Survey Ship: Sounding Equipment: Type of Navigation: Estimated Horizontal Accuracy (nm): Survey Track Spacing:	2012-2013 "Akademik Nikolai Strakhov" SeaBat 8150 (12kHz), Navstar GPS ±0,001 mile regular bathymetric survey
Proposer(s):	Name(s): Date: E-mail: Organization and Address: Concurrer (name, e-mail, organization and address):	May 2014 gin@ginras.ru Geological Institute, Russian Academy of Sciences Moscow 119017 Pyzhevsky 7

OVERVIEW MAPS





UNDERSEA FEATURE NAME *Zhuze Seamount*



Bathymetric map (contour interval 100 m.)

