

UNDERSEA FEATURE NAME PROPOSAL
(See IHO-IOC Publication B-6 and NOTE overleaf)

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

Name Proposed:	Young Seamount	Ocean or Sea:	South Atlantic
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Geometry that best defines the feature (Yes/No) :						
Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons*	Combination of geometries*
		Yes				

* Geometry should be clearly distinguished when providing the coordinates below.

Coordinates:	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
	9°39.018'S	12°07.182'W
	9°38.904'S	12°04.519'W
	9°41.826'S	11°57.426'W
	9°41.940'S	11°54.084'W
	9°43.926'S	11°52.662'W
	9°47.982'S	11°54.990'W
	9°51.042'S	12°03.384'W
	9°51.270'S	12°16.056'W
	9°49.626'S	12°20.736'W
9°44.664'S	12°12.624'W	

Feature Description:	Maximum Depth:	~3150 m	Steepness :	N-S axis: ~10° E-W axis: ~5°
	Minimum Depth :	70m	Shape :	Elongate E-W trending ridge
	Total Relief :	3080 m	Dimension/Size :	N-S axis: ~ 27 km E-W axis > 40 km

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Associated Features:	Seamount
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	4203 (Ascension Island and Luanda to Walvis Bay)
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Named for Henry (known as Jimmy) Young. Jimmy Young is a Saint Helenian who moved to Ascension in 1962 (aged 20) working for PanAm, CSR and now Wolfcreek. He has lived here for 56 years and is one of the longest-serving Island employees. He dives for the company as well as to help out conservation, before and since the Ascension Island Government was established. Whilst he stopped logging dives a good number of years ago because he did so many, he has dived most of the Island and has taught many newcomers to Ascension how to dive. He is an ardent supporter of marine conservation and did a lot to protect the turtles before there was a Conservation Department on the Island.
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Discovery Facts:	Discovery Date:	
	Discoverer (Individual, Ship):	

Supporting Survey Data, including Track Controls:	Date of Survey:	May/June 2017
	Survey Ship:	RRS James Clark Ross (research cruise JR16-NG)
	Sounding Equipment:	Kongsberg 1° x 1° EM 122 multibeam echosounder
	Type of Navigation:	Kongsberg Seatex Seapath 320+ Precise Heading, Attitude and Positioning Sensor
	Estimated Horizontal Accuracy, in nautical miles (M):	0.000539957M (95% CEP)
	Survey Track Spacing:	0.5-1.5 km
	Supporting material can be submitted as Annex in analog or digital form. Included – see below	

Proposer(s):	Name(s):	Dr Andy Richardson
	Date:	18/09/2018
	E-mail:	Andy.Richardson@ascension.gov.ac
	Organization and Address:	Ascension Island Government, Conservation Department Georgetown Ascension Island ASCN 1ZZ
	Concurrer (name, e-mail, organization and address):	David Barnes Principle Scientist cruise JR16-NG British Antarctic Survey Madingley Road Cambridge UK dkab@bas.ac.uk
		Justine Allan Ascension Island Administrator Ascension Island Government Georgetown Ascension Island ASCN 1ZZ Justine.Allan@ascension.gov.ac

Remarks:	Summit is located at 9°45.768'S 12°05.904' W.
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NOTE: This form should be forwarded, when completed:

- a) **If the undersea feature is located inside the external limit of the territorial sea:**
- to your "National Authority for Approval of Undersea Feature Names" (see Publication B-6) or, if this does not exist or is not known, either to the IHO or to the IOC (see addresses below);
- b) **If at least 50 % of the undersea feature is located outside the external limits of the territorial sea:**
- to the IHO or to the IOC, at the following addresses :

International Hydrographic Organization (IHO)	Intergovernmental Oceanographic Commission (IOC)
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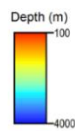
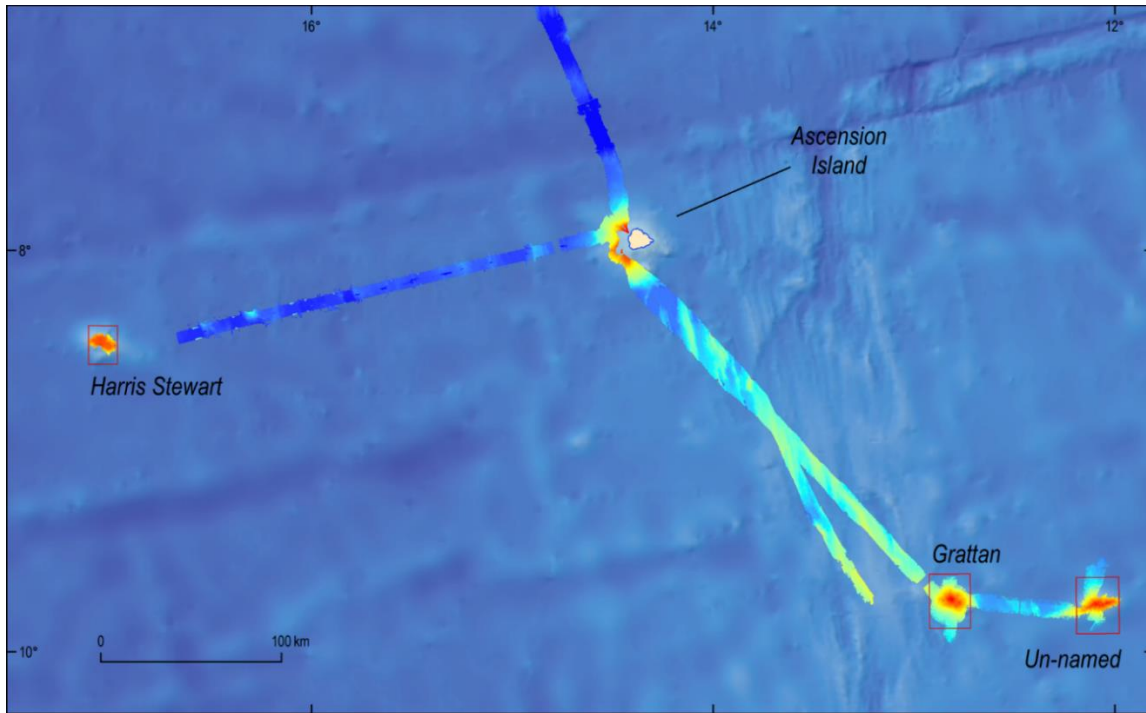


Figure Extents
Coastline

Figure 1 Location of the proposed Young Seamount, titled un-named in the bottom right corner of the figure, approximately 170 nautical miles southeast of Ascension Island in the Atlantic Ocean.

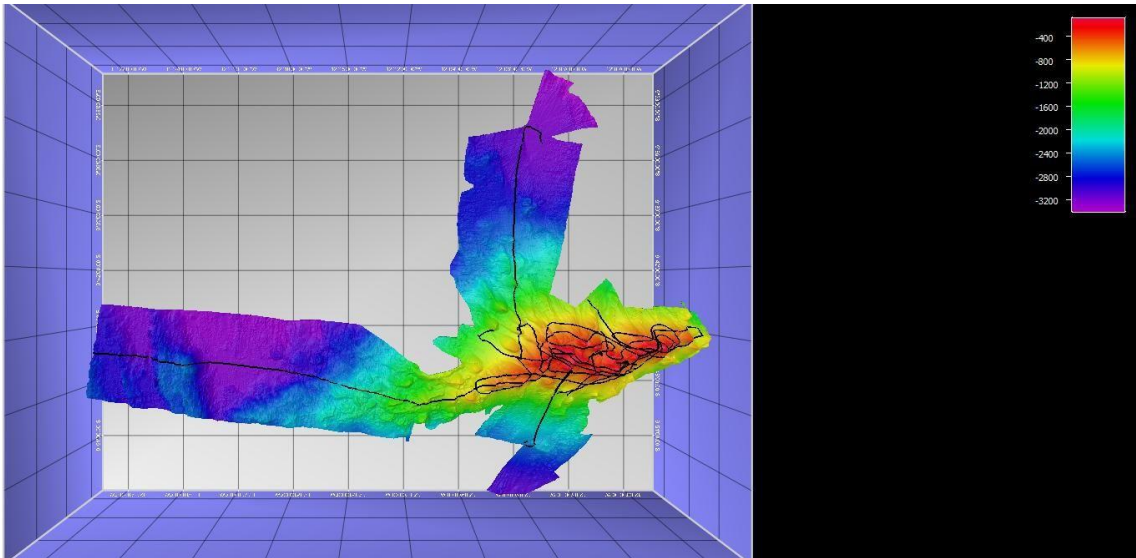


Figure 2: Multibeam bathymetry acquired over the proposed Young Seamount. Draped black line illustrates the navigation track of the RRS James Clark Ross during multibeam acquisition.

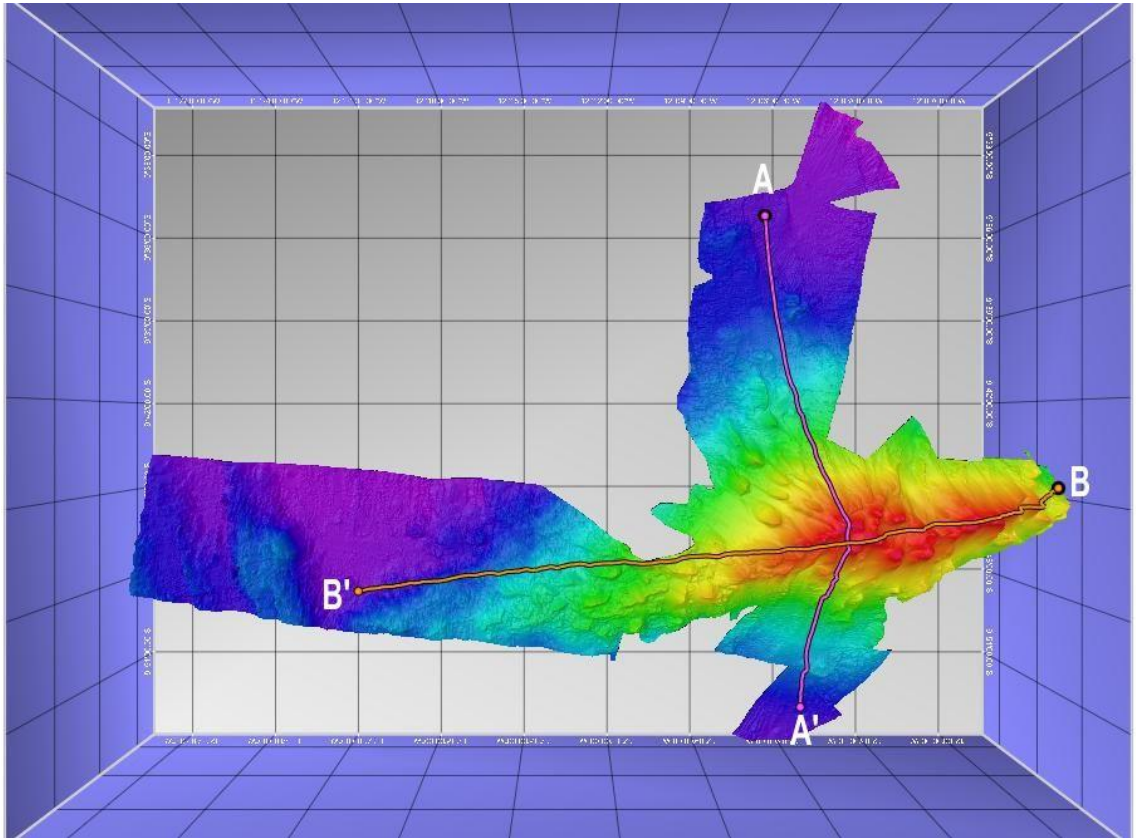


Figure 3: Multibeam bathymetry acquired over the proposed Young Seamount. Lines indicate the location of the cross-sectional profiles in Figure 5.

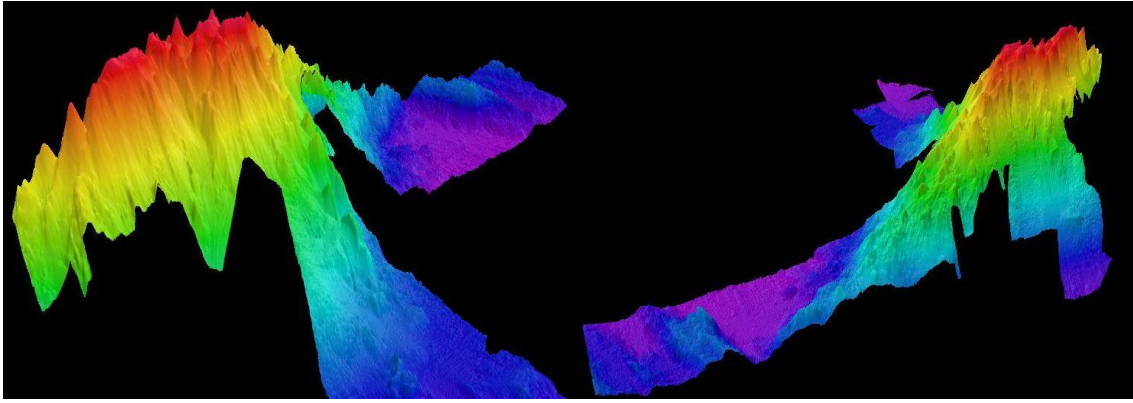


Figure 4: 3D perspectives of the proposed Young Seamount. The image on the left is of the seamount from the northeast while the image on the right is of the seamount from the southwest.

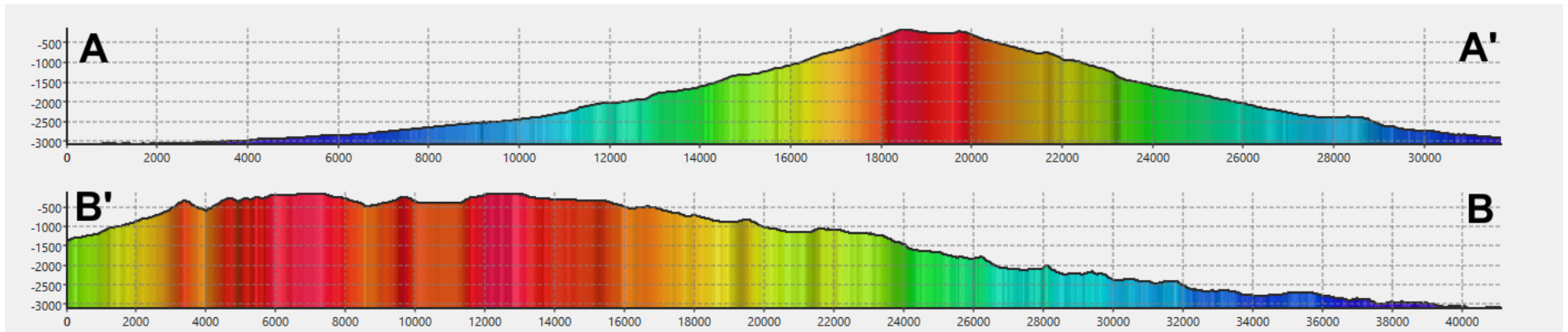


Figure 5: The top profile is a N-S cross-section of the proposed Young Seamount. The bottom profile is a E-W cross-section of the proposed Young Seamount. Locations of the profiles are indicated in Figure 3

