

**UNDERSEA FEATURE NAME PROPOSAL**

(See IHO-IOC Publication B-6 and **NOTE** overleaf)

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

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

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

<b>Coordinates:</b>	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
	15°38.8362726'S	5°18.6778717'W
	15°35.0098278'S	5°21.7967851'W
	15°31.5154896'S	5°22.5476346'W
	15°29.4650927'S	5°21.5368756'W
	15°27.4724536'S	5°18.6489928'W
	15°28.7575615'S	5°14.8081086'W
	15°31.6454443'S	5°11.4870434'W
	15°35.0675855'S	5°11.9057864'W
	15°38.8362726'S	5°18.6778717'W

<b>Feature Description:</b>	Maximum Depth:	~3800 m	Steepness:	Max steepness (SW flank): 3.1°
	Minimum Depth:	1233 m	Shape:	Irregular conical
	Total Relief:	2567 m	Dimension/Size:	N-S: 15.4 km E-W: 19.0 km

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

<b>Reason for Choice of Name</b> (if a person, state how associated with the feature to be named):	Charlie Boar was the local nickname of Mr Charles Henry, a St Helenian, who died in February 2018, having had a long association with the seas around St Helena. Charlie Boar was a fishermen, sailor and merchant seaman, who had a wealth of knowledge about St Helena waters and was hugely respected by the local community. The name was proposed by the people of St Helena.
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<b>Discovery Facts:</b>	Discovery Date:	9 April 2018
	Discoverer (Individual, Ship):	RRS James Clark Ross

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	9 April 2018
	Survey Ship:	RRS James Clark Ross (research cruise JR17-004)
	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:	Variable. Tracks crossed over peak at different headings
Supporting material can be submitted as Annex in analog or digital form. Included – see below		

<b>Proposer(s):</b>	Name(s):	Lisa Honan
	Date:	February 11th 2019
	E-mail:	<a href="mailto:macol@bas.ac.uk">c/o: macol@bas.ac.uk</a>
	Organization and Address:	Governor of Helena, Ascension and Tristan da Cunha, The Castle, St Helena, South Atlantic
	Concurrer (name, e-mail, organization and address):	Dr Simon Morley Joint Principal Scientist Cruise JR17-004 British Antarctic Survey Madingley Road Cambridge UK <a href="mailto:smor@bas.ac.uk">smor@bas.ac.uk</a>
		Prof Martin Collins OBE Joint Principal Scientist Cruise JR17-004 British Antarctic Survey Madingley Road Cambridge UK <a href="mailto:macol@bas.ac.uk">macol@bas.ac.uk</a>

Remarks:

**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) 4b, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO Fax: +377 93 10 81 40 E-mail: <a href="mailto:info@iho.int">info@iho.int</a> Web: <a href="http://www.iho.int">www.iho.int</a>	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: <a href="mailto:info@unesco.org">info@unesco.org</a> Web: <a href="http://ioc-unesco.org/">http://ioc-unesco.org/</a>
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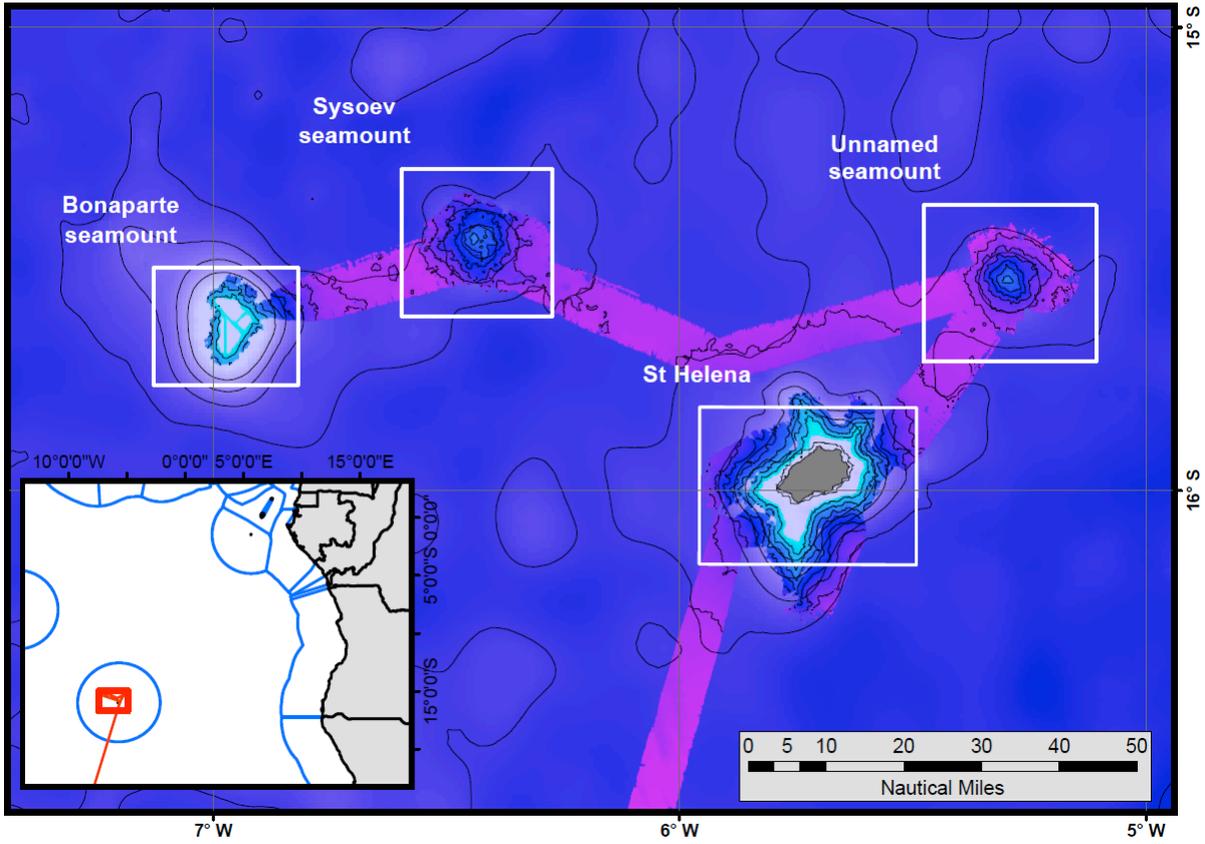


Fig 1. – Track of JR17-004 in April 2018, showing St Helena island, two named seamounts and the unnamed feature under consideration. 200m resolution digital elevation model, overlaid onto GEBCO 30 arcsecond chart

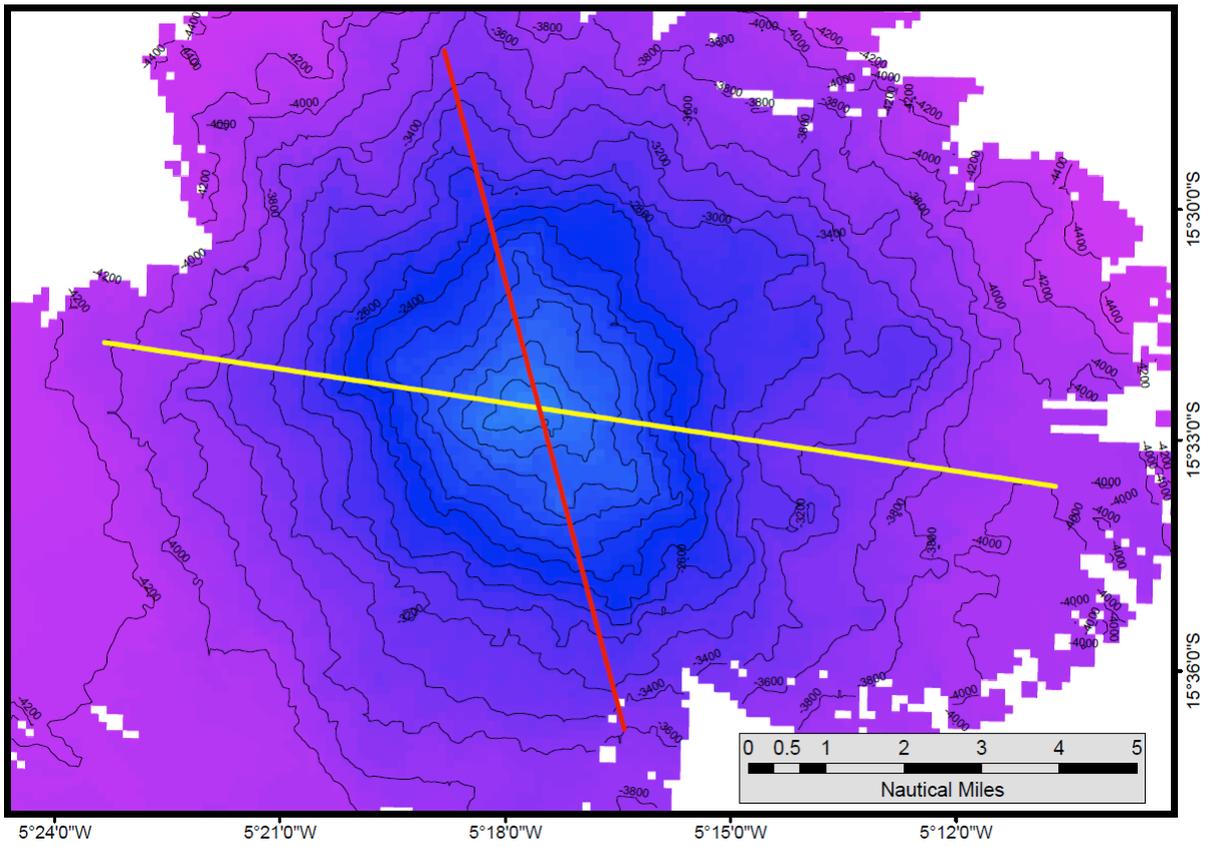


Fig. 2 – Feature under consideration. Colours of transect lines relate to figure 3.

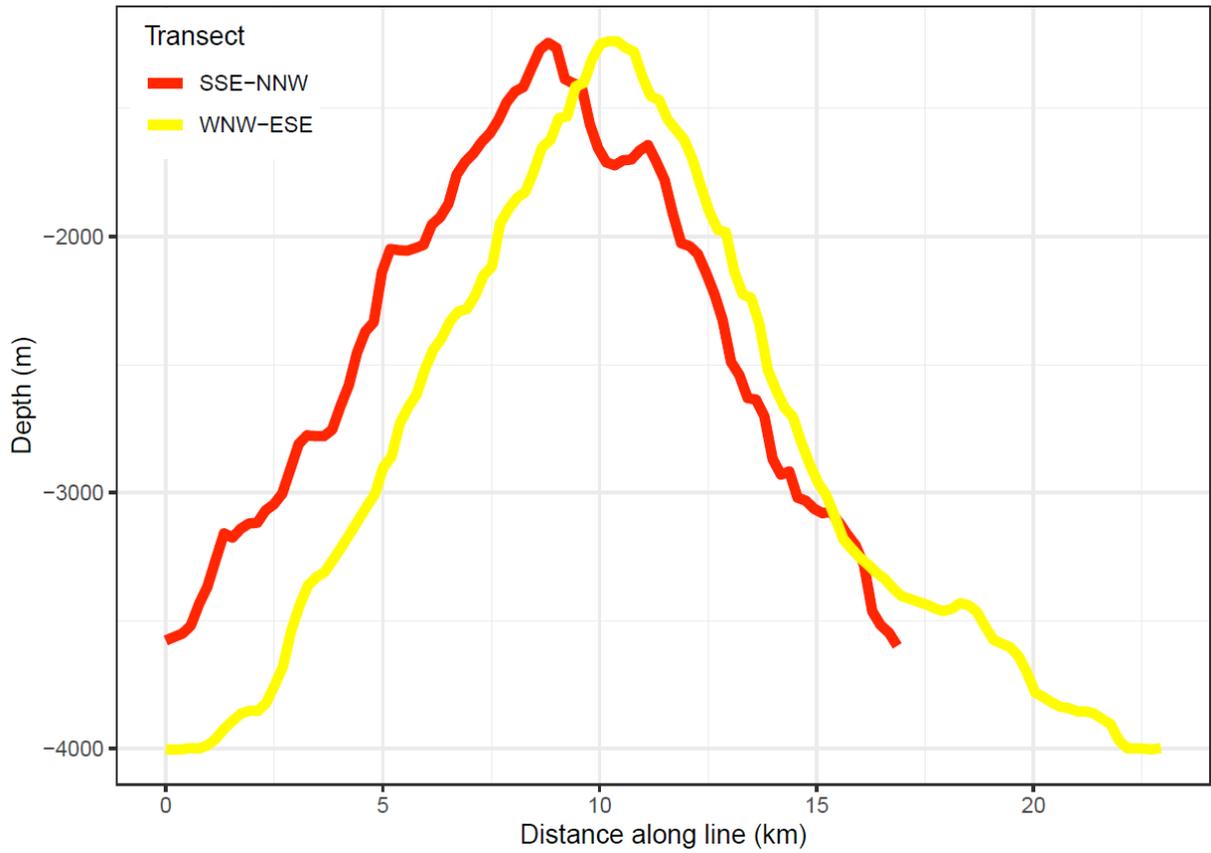


Fig. 3 – Elevation profiles over the feature, beginning from southerly/ westerly end.

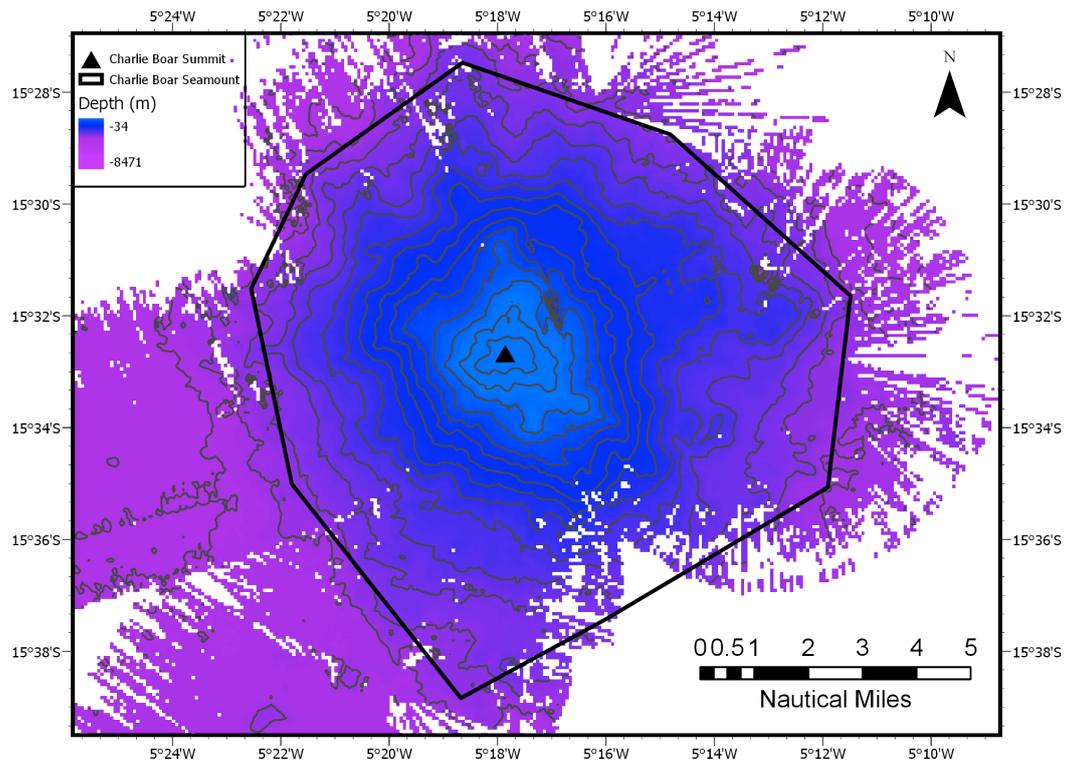


Fig. 4 – Polygon delineating the unnamed seamount

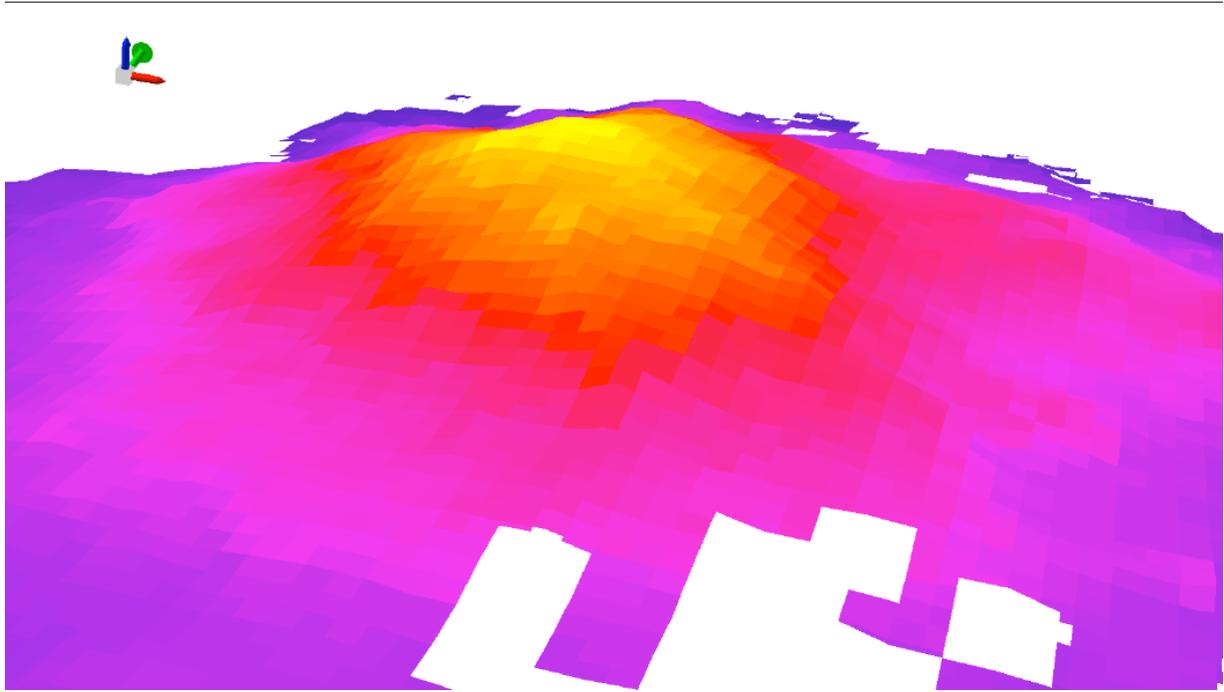


Fig. 5 – 3D projection of feature, facing NNW.

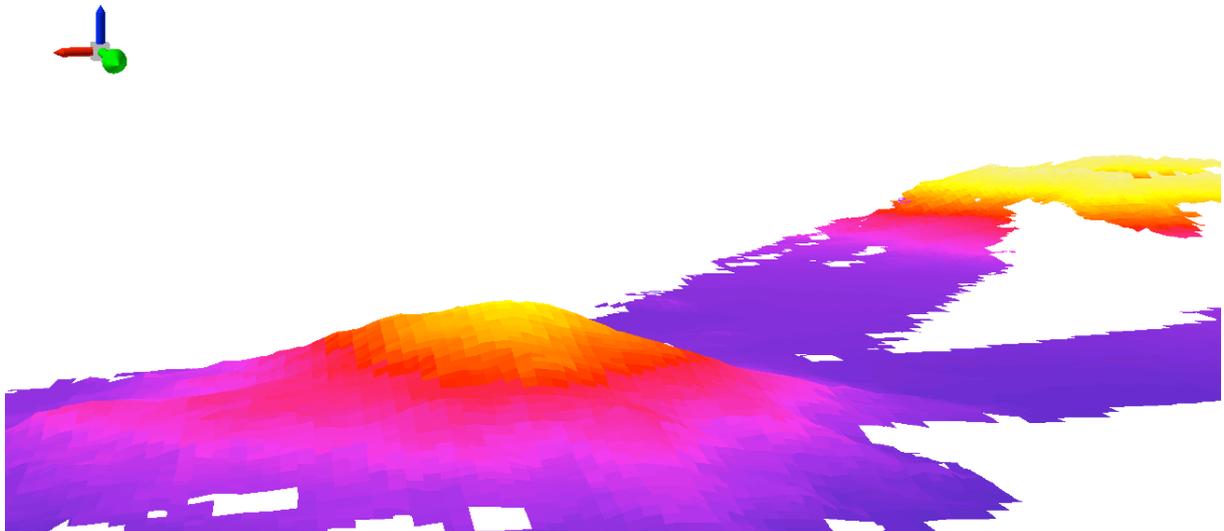


Fig. 6 – 3D projection of feature, facing SSW, with St Helena margin in the background.