

UNDERSEA FEATURE NAME PROPOSAL
(See NOTE overleaf)

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

Name Proposed:	Frevo Hill	Ocean or Sea:	Atlantic Ocean
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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		Yes				

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


	Lat. (e.g. 63°32.6'N) (Central Point) 03°59.39'S	Long. (e.g. 046°21.3'W) (Central Point) 034°31.24'W
Coordinates:	4°01.78'S	034°30.05'W
	4°01.90'S	034°30.17'W
	4°01.60'S	034°30.57'W
	4°01.85'S	034°30.80'W
	4°02.77'S	034°32.23'W
	4°02.67'S	034°32.62'W
	4°02.80'S	034°32.72'W
	4°03.12'S	034°32.58'W
	4°03.17'S	034°32.68'W
	4°03.10'S	034°32.92'W
	4°02.48'S	034°32.90'W
	4°02.13'S	034°33.17'W
	4°02.23'S	034°33.53'W
	4°02.10'S	034°33.58'W
	4°01.43'S	034°33.53'W
	4°00.90'S	034°34.13'W
	4°00.32'S	034°34.15'W
	4°00.20'S	034°34.00'W
	4°00.28'S	034°33.38'W
	3°59.95'S	034°33.40'W
	3°59.87'S	034°33.25'W
	4°00.38'S	034°32.87'W
	3°59.60'S	034°31.98'W
	3°58.50'S	034°31.90'W
	3°58.42'S	034°31.72'W
	3°57.95'S	034°31.40'W
	3°57.57'S	034°31.42'W
	3°57.05'S	034°31.23'W
	3°56.78'S	034°31.07'W
	3°56.60'S	034°30.80'W
	3°56.03'S	034°30.83'W
3°55.97'S	034°30.70'W	
3°56.28'S	034°30.22'W	
3°56.30'S	034°30.13'W	
3°55.85'S	034°30.17'W	
3°55.77'S	034°30.02'W	
3°56.75'S	034°29.45'W	
3°57.53'S	034°29.47'W	
3°57.98'S	034°30.22'W	
3°58.65'S	034°30.60'W	
3°58.75'S	034°30.58'W	

	3°59.07'S	034°29.73'W
	3°59.95'S	034°29.96'W
	4°00.05'S	034°30.18'W
	3°59.90'S	034°30.83'W
	4°00.07'S	034°30.92'W
	4°00.45'S	034°30.53'W
	4°01.73'S	034°30.05'W

Feature Description:	Maximum Depth:	3741 m	Steepness :	38° to 3°
	Minimum Depth :	3177 m	Shape :	Conic and elongated
	Total Relief :	564 m	Dimension/Size :	14 km X 8 km (approximately)

Associated Features:	Fernando de Noronha Ridge
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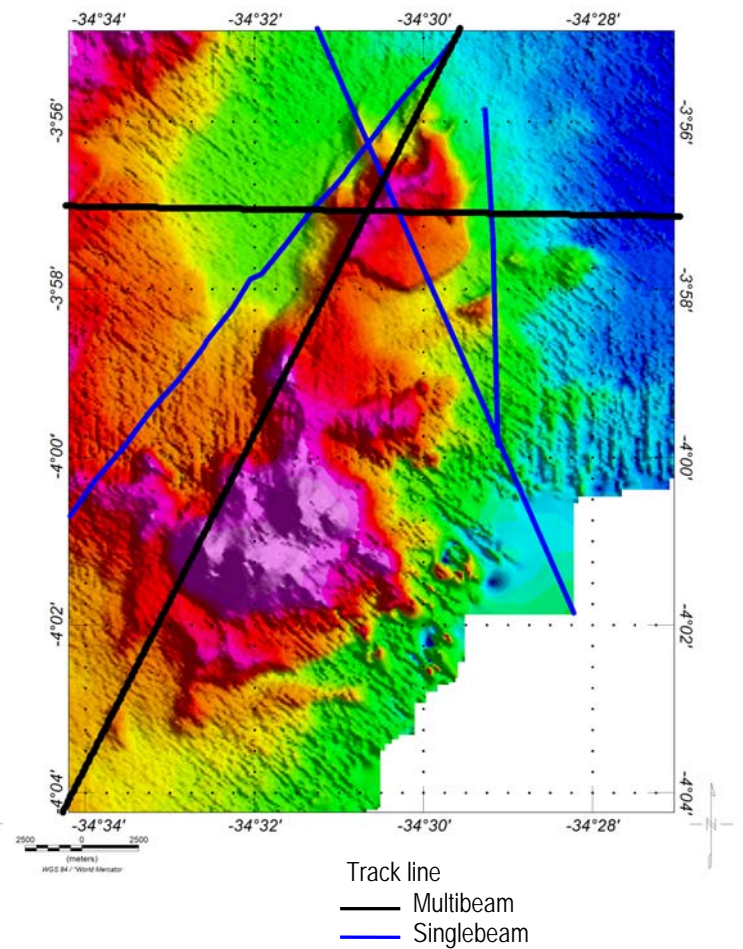
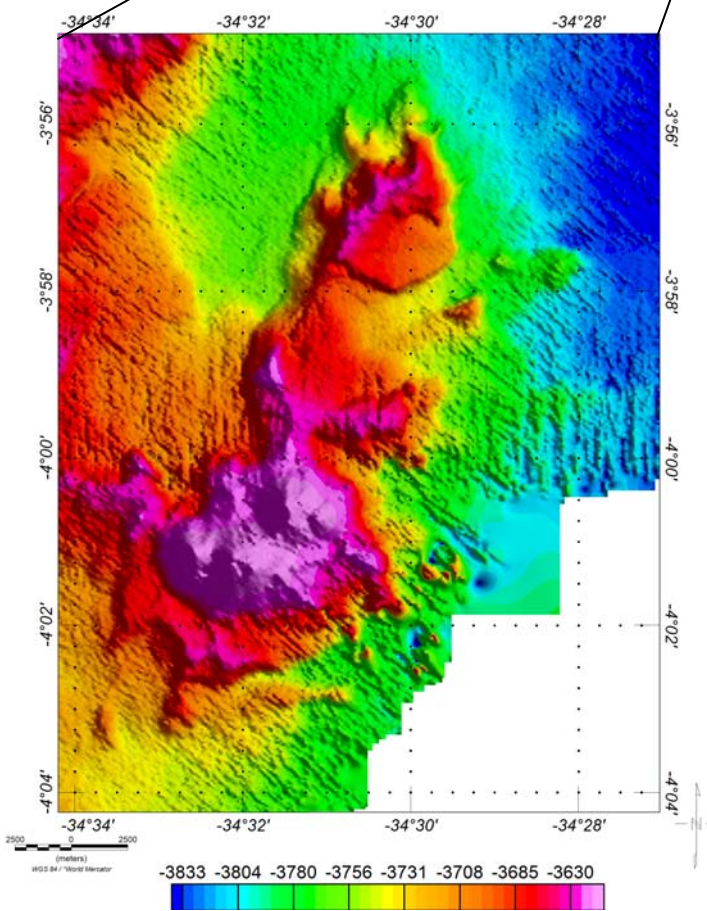
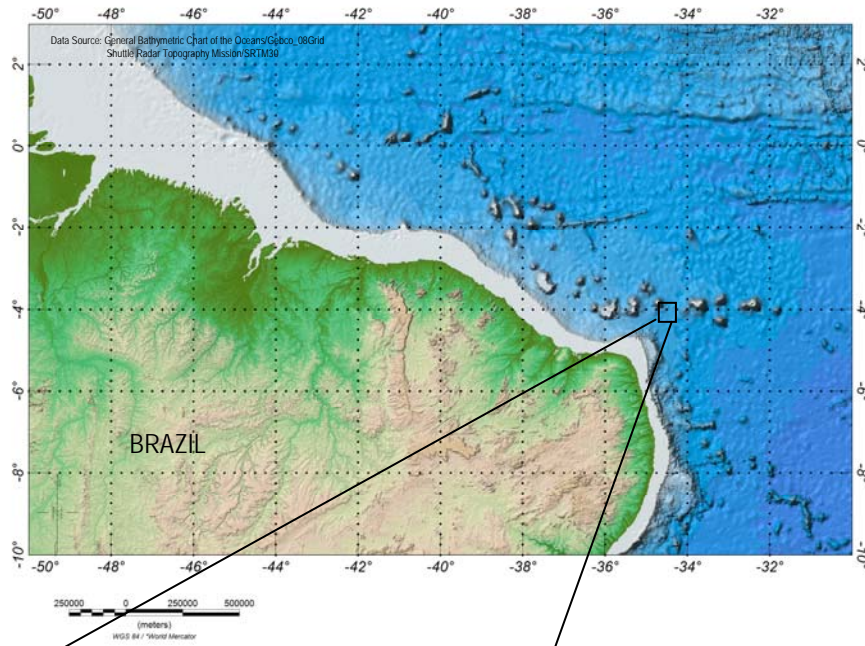
Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	
	Within Area of Map/Chart:	1 and 10

<p>Reason for Choice of Name (if a person, state how associated with the feature to be named):</p>	<p>Frevo is a wide range of musical styles originating from Recife city, Pernambuco state, Brazil, traditionally associated with Pernambuco carnival. The word frevo is said to come from fever, a variant of the Portuguese word ferver (to boil). It is said that the sound of the frevo make listeners and dancers feel as if they are boiling on the ground. The word frevo is used for both the frevo music and the frevo dance. The feature is located offshore of the Pernambuco Coast.</p>  <p>www.portaldoprofessor.mec.gov.br</p>
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Discovery Facts:	Discovery Date:	
	Discoverer (Individual, Ship):	

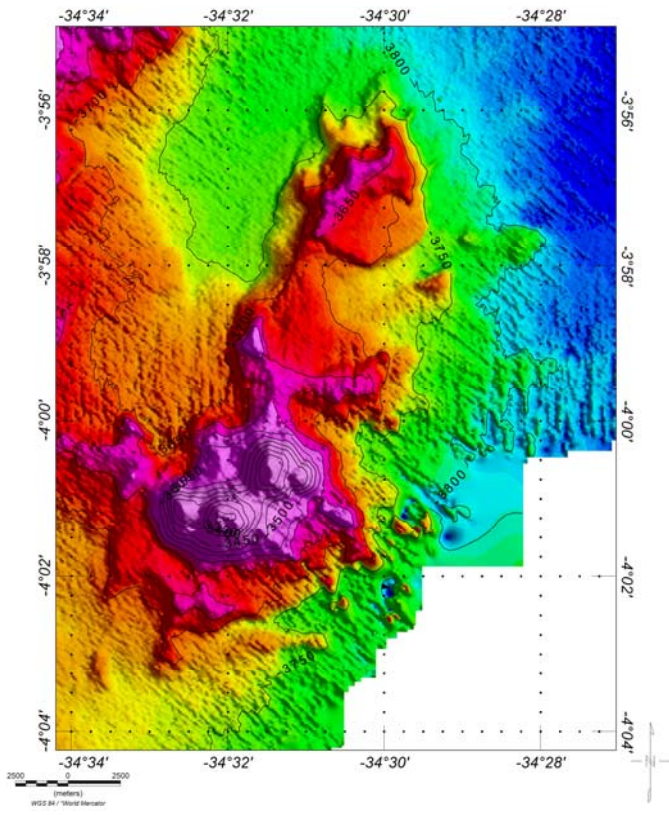
Supporting Survey Data, including Track Controls:	Date of Survey:	1994/2009/2010
	Survey Ship:	MV Sea Surveyor (Brazilian Continental Shelf Project) and others singlebeam data (R/V Vema, NHi SÍrius.)
	Sounding Equipment:	Multibeam - Simrad EM 122 Singlebeam - Krupp Atlas Deso 25 - Kelvin Hughes Type 778 GSDR
	Type of Navigation:	GPS
	Estimated Horizontal Accuracy (nm):	
	Survey Track Spacing:	15 km - 4 km – Full bottom covered
	Supporting material can be submitted as Annex in analog or digital form.	

Location of the Frevo Hill

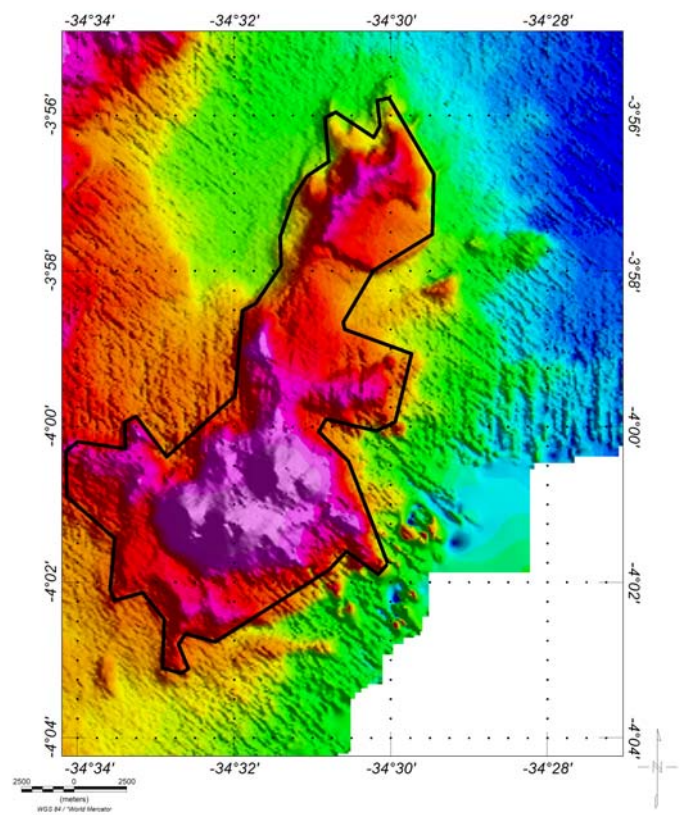


Track line
 — Multibeam
 — Singlebeam

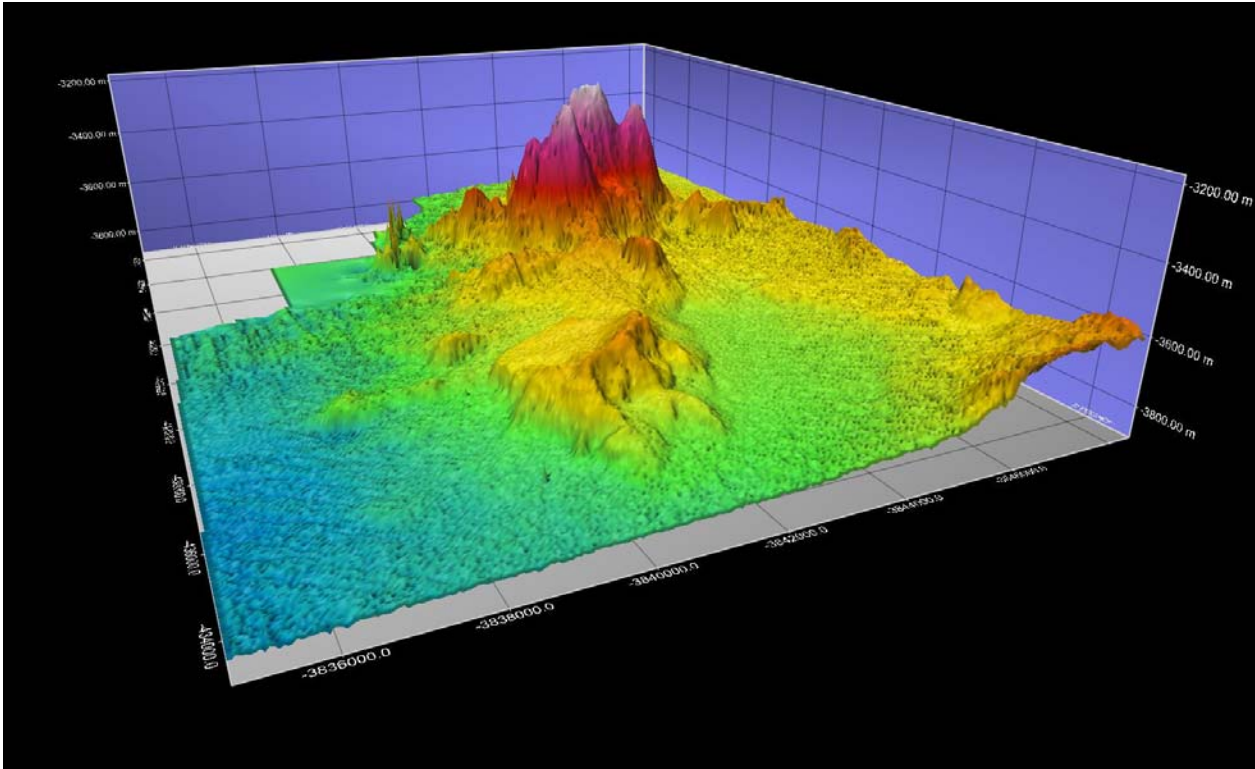
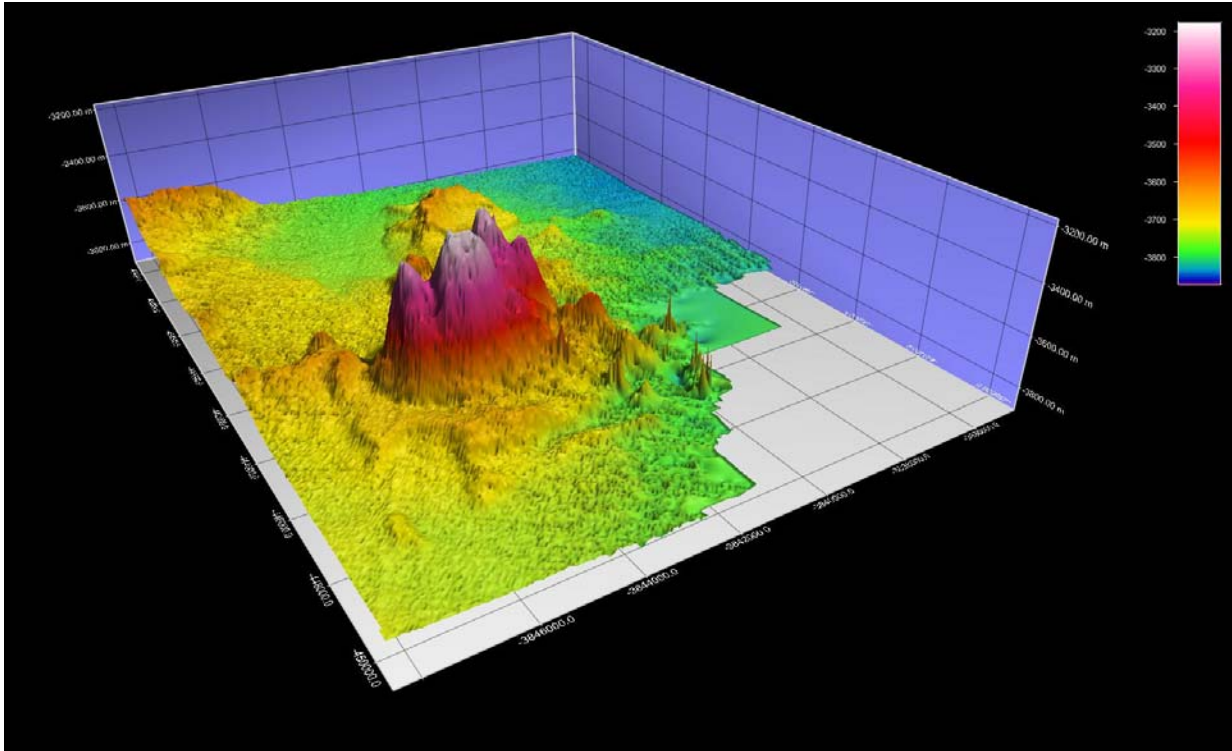
Bathymetric map of the Frevo Hill (interval contour: 50 m)



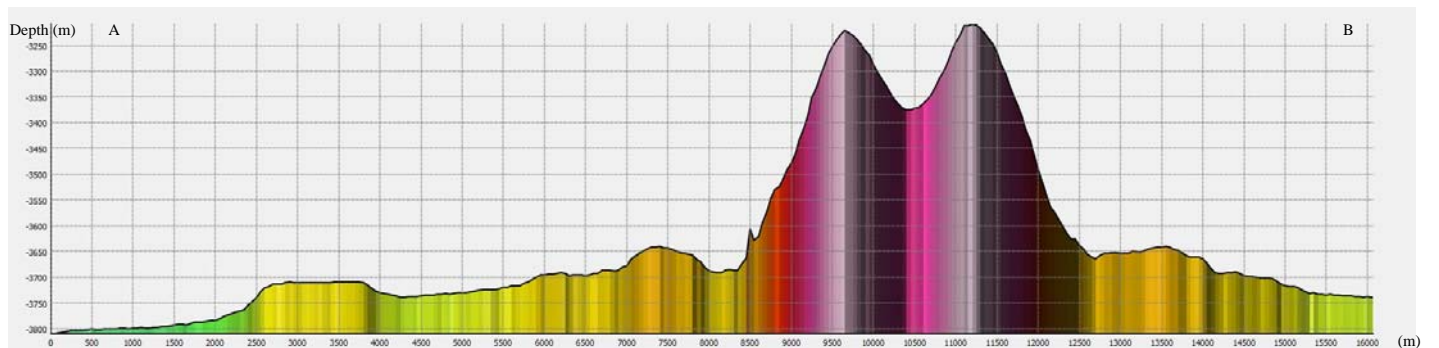
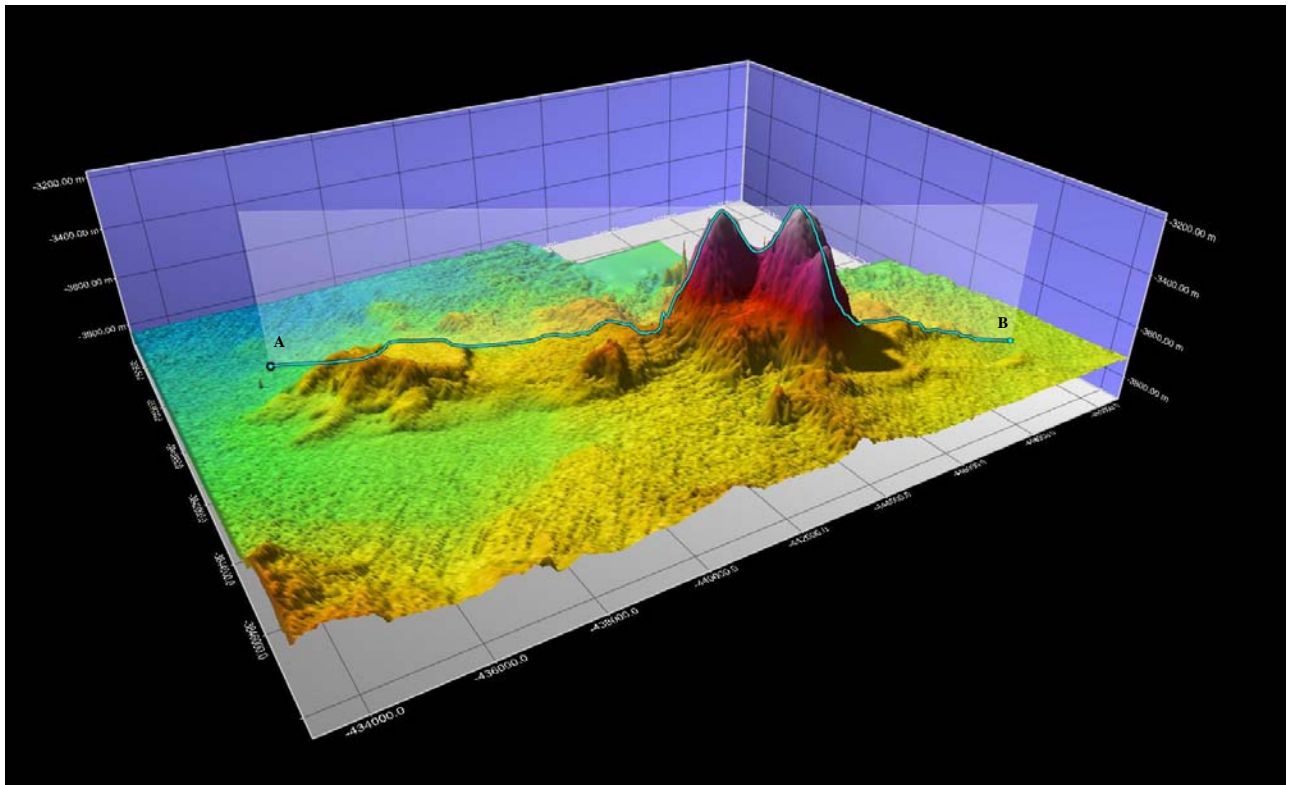
Delimitation of the polygon



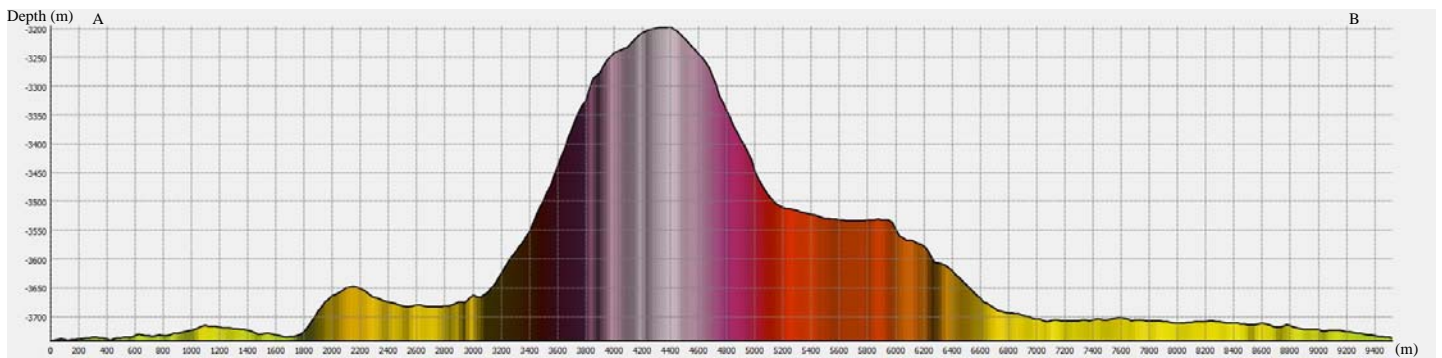
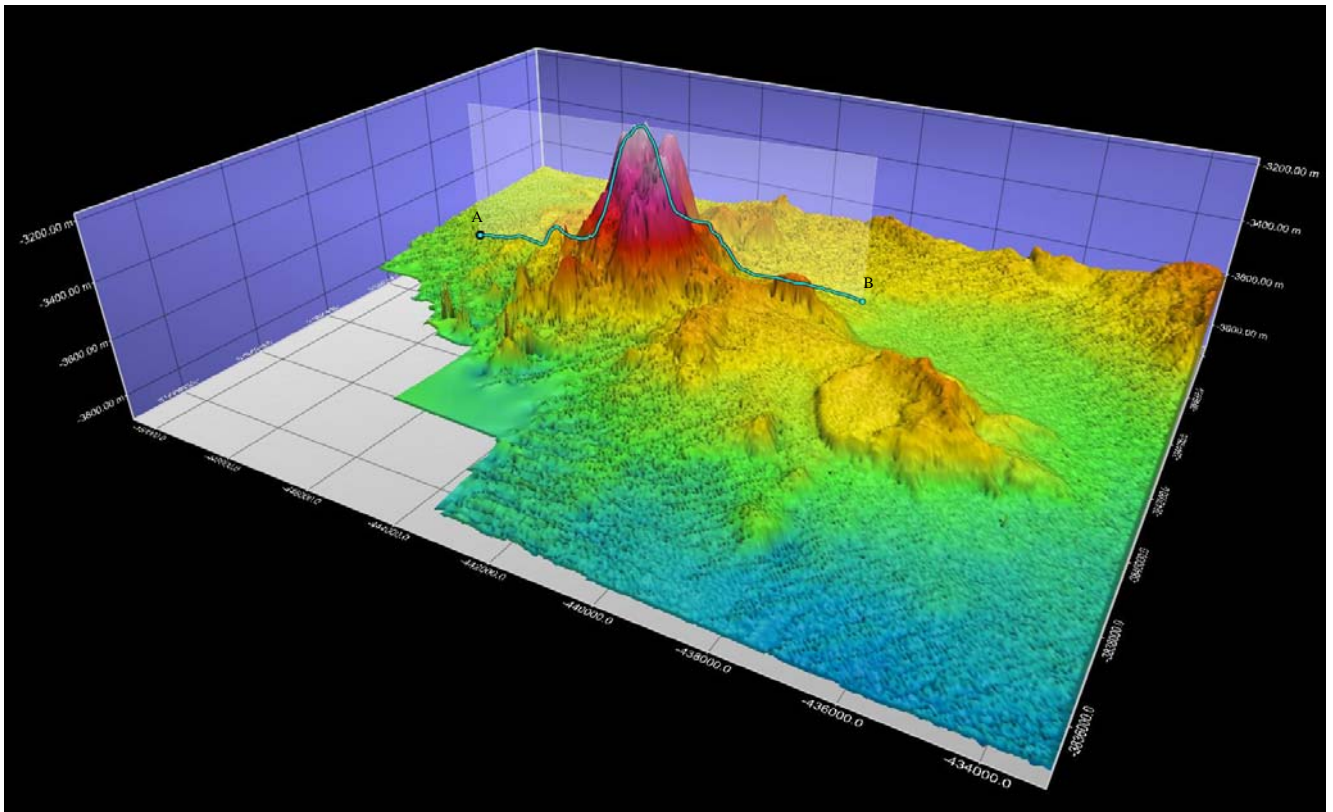
3D - Digital Terrain Model



Bathymetric Grid Profile 1 (Application: Fledermaus 7.2.1a)



Bathymetric Grid Profile 2 (Application: Fledermaus 7.2.1a)



Proposer(s):

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