INTERNATIONAL HYDROGRAPHIC ORGANIZATION

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)

UNDERSEA FEATURE NAME PROPOSAL

Name Proposed:	Sao Paulo Seamount	**Ocean or Sea:** Atlantic Ocean

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'

Coordinates:	Lat.	Long.
	30°00.08'S (Central Point)	039°55.71'W (Central Point)
	29°18.95'S	039°44.88'W
	29°58.67'S	039°30.67'W
	30°28.75'S	039°47.45'W
	30°28.98'S	040°18.71'W
	30°21.12'S	040°31.30'W
	29°58.31'S	040°15.06'W
	29°33.87'S	040°14.65'W
	29°23.81'S	039°58.01'W

Feature Description:	Maximum Depth: -4000 m	Steepness:
	Minimum Depth: -2900 m	Shape: Elliptical, elongated with three peaks on a single base. N-S direction.
	Total Relief:	Dimension/Size: 170 Km X 100 Km

Associated Features: Rio Grande Gap, Vema Submarine Channel, São Paulo Channel

Chart/Map References:
Shown Named on Map/Chart:
Shown Unnamed on Map/Chart:
Within Area of Map/Chart: INT 22 and INT 201

Reason for Choice of Name: The Sao Paulo Seamount is well known since 70´s and it has been mentioned in many scientific papers and publications for instance REMAC Project – Geomorphology of the Brazilian Continental Margin and adjacent oceanic areas.
The feature is located close to Sao Paulo Abyssal Gap and Sao Paulo Plateau.

Discovery Facts:
Discovery Date: --------
Discoverer (Individual, Ship): --------

| Supporting Survey Data, including Track Controls:	Date of Survey: 04/22/1974; 02/02/1987 Survey Ship: R/V Chain; R/V Conrad Sounding Equipement: PRIM-3.5, SEC-12, Wide Beam1 Sec Sweep; Seabeam Vertical Beam Type of Navigation: GPS Estimated Horizontal Accuracy (nm): 200 m (approximately) Survey Track Spacing:

Location of São Paulo Seamount

Bathymetric Profile

Bathymetric Profile

Bathymetric Profile

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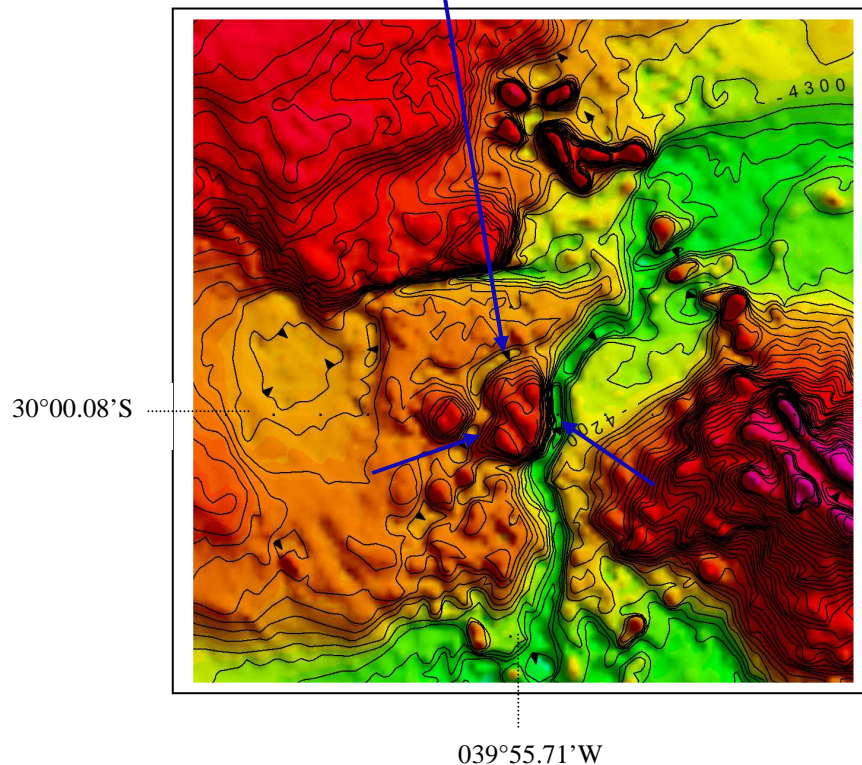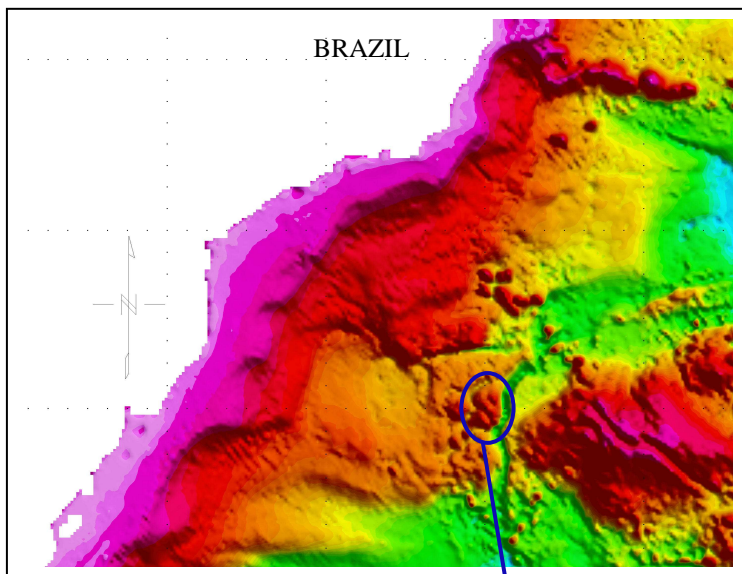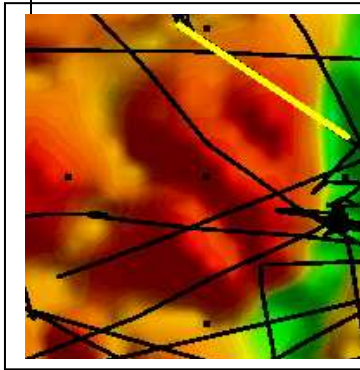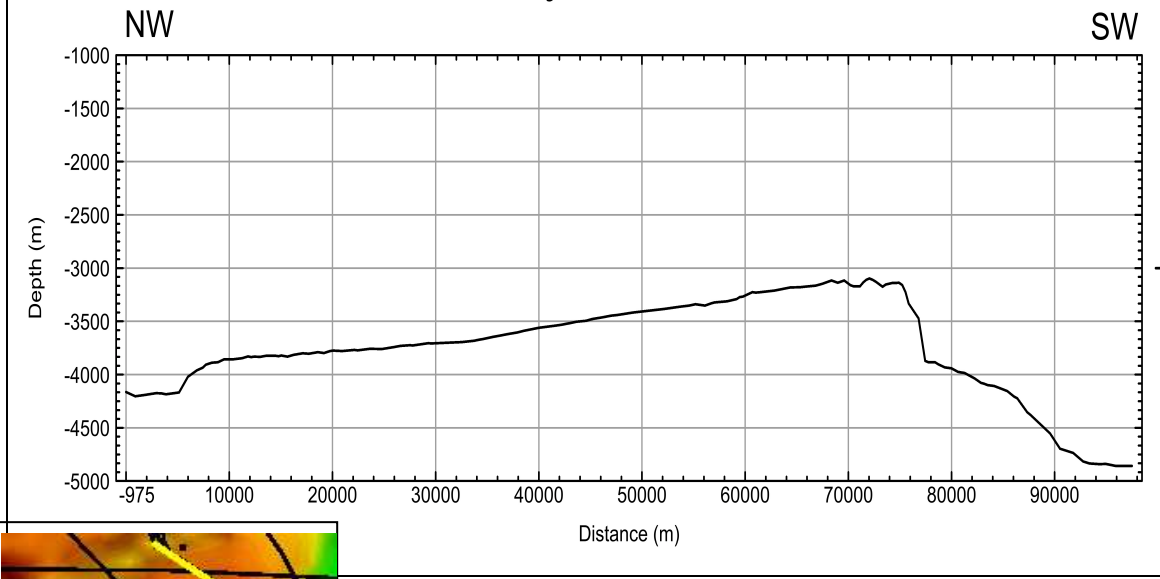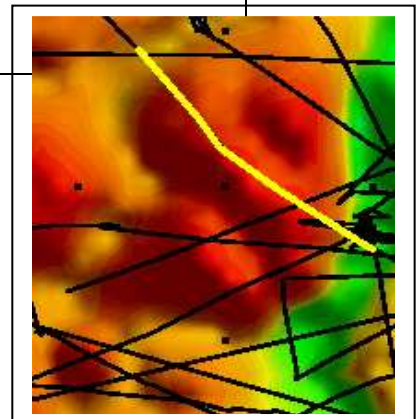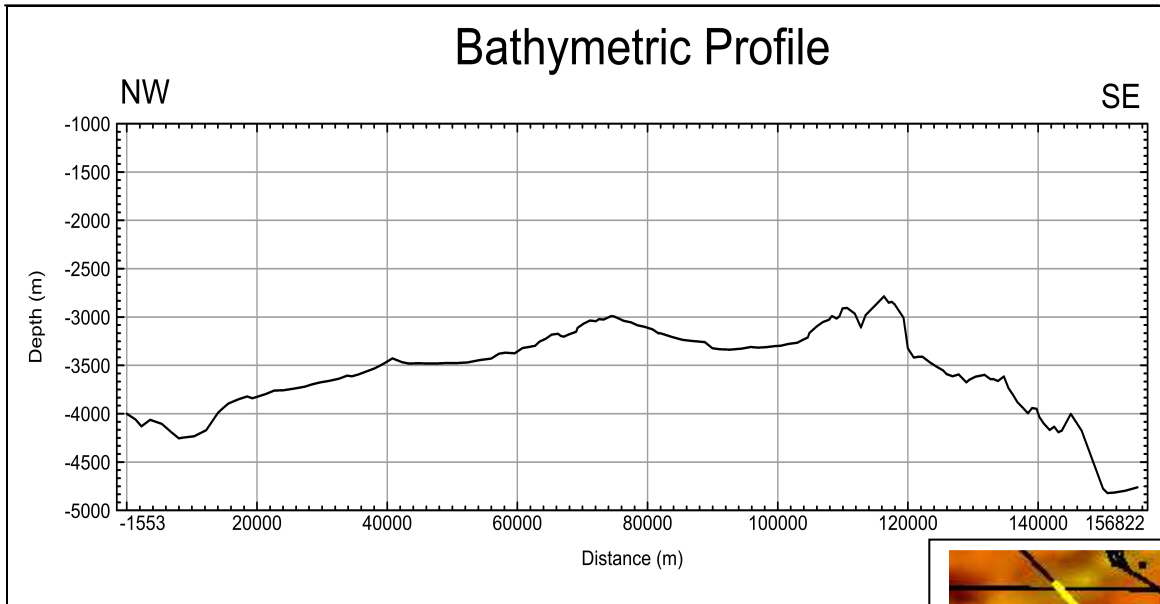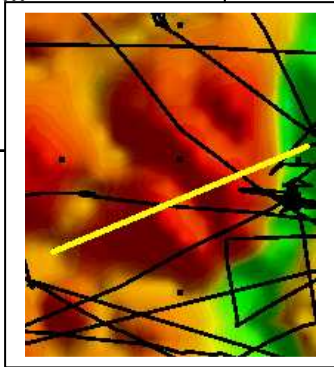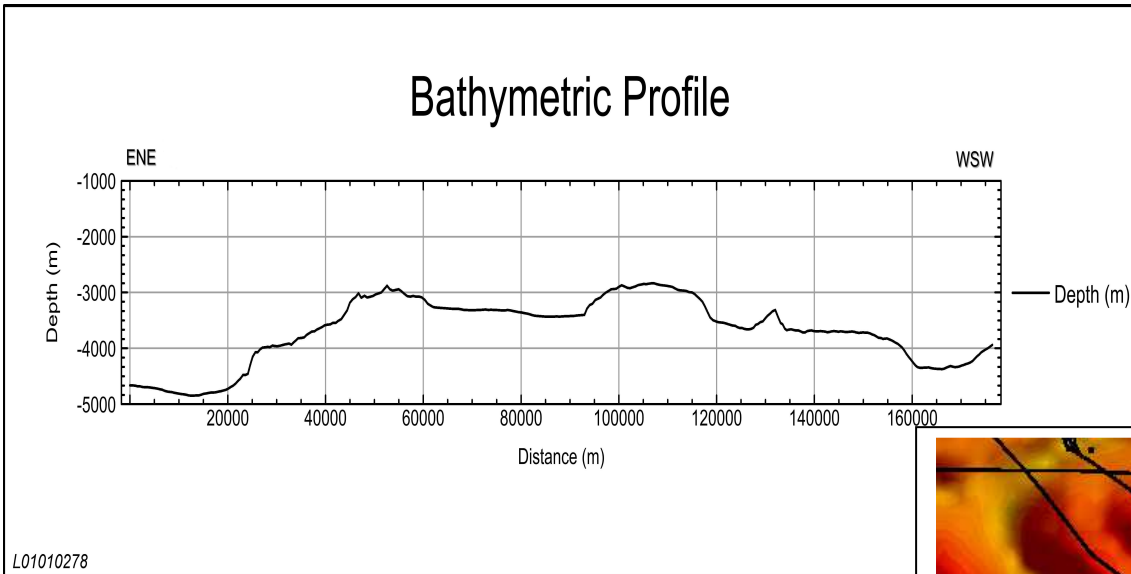
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