

**UNDERSEA FEATURE NAME PROPOSAL**

<b>Name Proposed:</b>	Luiz Martins Seamount	<b>Ocean or Sea:</b> Atlantic Ocean
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<b>Geometry</b> 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.	Long.
<b>Coordinates:</b>	16°35.27'S (Central Point)	036°36.48'W (Central Point)
	16°41.14'S	036°41.30'W
	16°43.28'S	036°33.35'W
	16°38.30'S	036°29.40'W
	16°30.15'S	036°24.96'W
	16°23.88'S	036°30.40'W
	16°26.08'S	036°38.79'W
	16°32.51'S	036°43.74'W

<b>Feature Description:</b>	Maximum Depth: - 4100 m	Steepness:
	Minimum Depth: - 2100 m	Shape: Conical
	Total Relief:	Dimension/Size: 32 Km x 28 Km (approximately)

**Associated Features:** Royal Charlotte Bank, Abrolhos Shelf, Bahia Plateau

<b>Chart/Map References:</b>	Shown Named on Map/Chart:
	Shown Unnamed on Map/Chart:
	Within Area of Map/Chart: 70, 20 (INT 202), 19002 (INT 22)

**Reason for Choice of Name:** Luiz Roberto Silva Martins was born in 1933 and passed away in 2010. He was the representative of Brazil on the Scientific Committee on Oceanic Research. Expert in marine science, he was adviser of the Intergovernmental Oceanographic Commission (IOC) – UNESCO, the American States Organization and the UNESCO Regional office for science and technology for Latin America and Caribbean. He had always worked in projects of marine geology being the technical coordinator of the Brazilian Continental Margin Project (REMAC) in 70's. He was also the regional coordinator of the sedimentological research group for the Atlantic southwest (Brazil, Uruguay and Argentina).

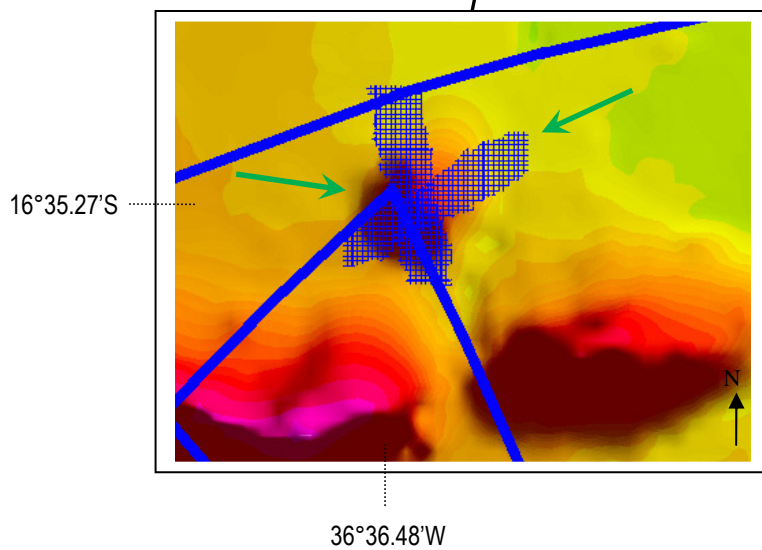
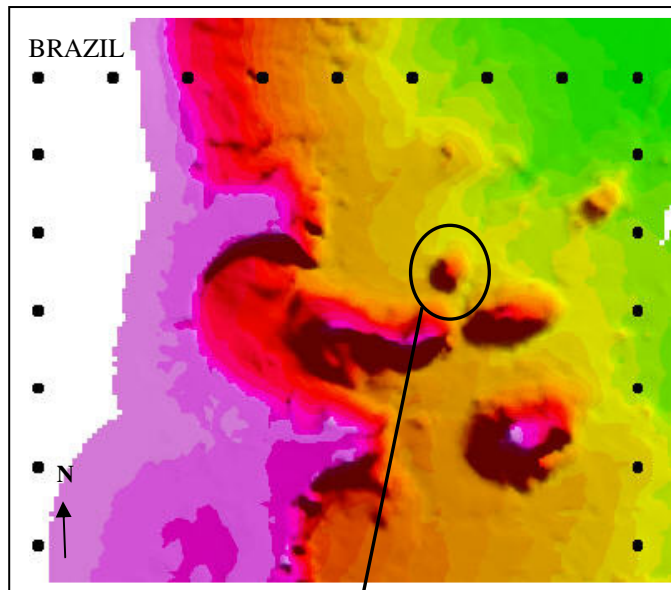
**Discovery Facts:**

Discovery Date: 1973  
Discoverer (Individual, Ship): Robert Conrad

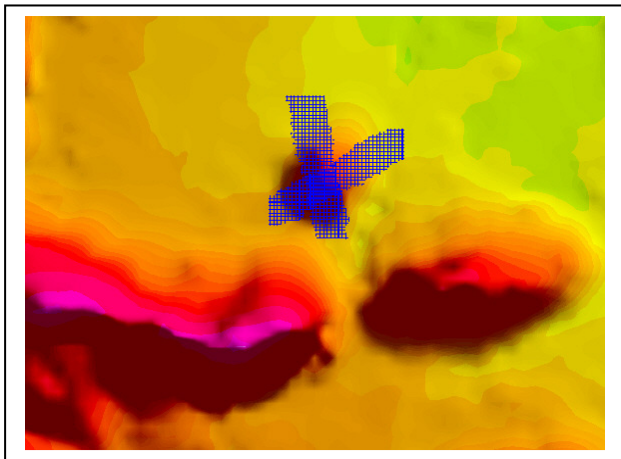
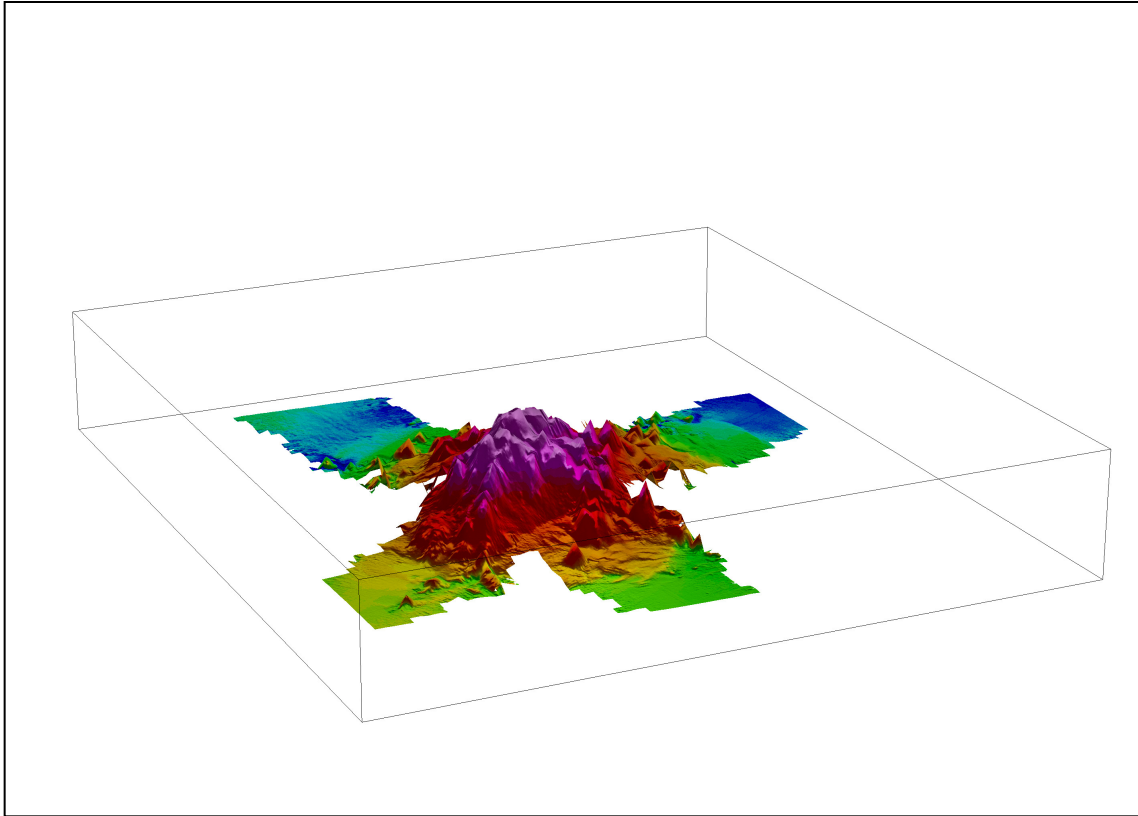
**Supporting Survey Data,  
including Track Controls:**

Date of Survey: July/2009  
Survey Ship: Sea Surveyor (Brazilian Continental Shelf Project)  
Sounding Equipment: Multibeam Kongsberg Simrad EM 122  
Type of Navigation: GPS  
Estimated Horizontal Accuracy (nm):  
Survey Track Spacing:

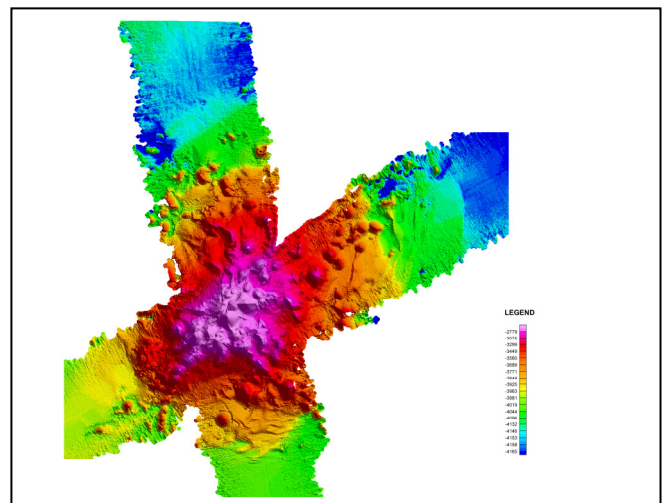
Location of Luiz Martins Seamount



### 3D Model



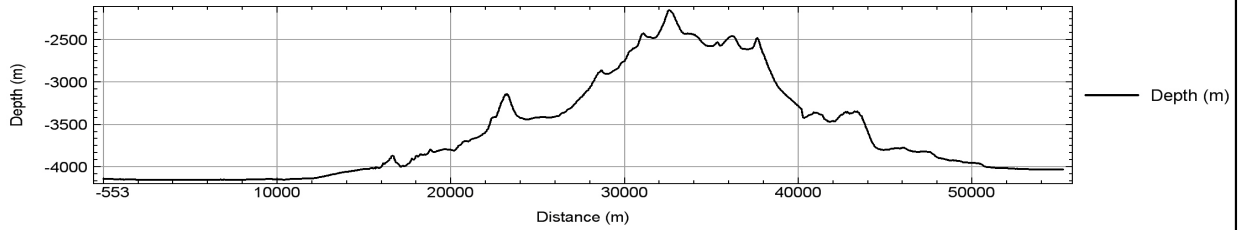
Multibeam track line



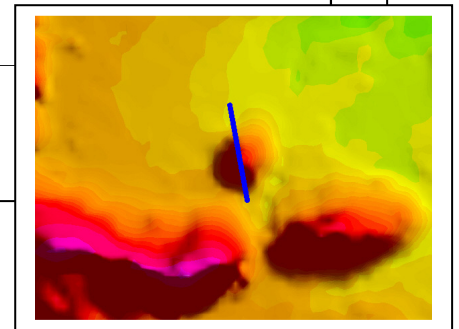
NNW

SSE

### Bathymetric Profile



L002



**Proposer(s):**

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Date: July 2010

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Concurrer (name, e-mail, organization and address):

