Revised June 2014

**INTERNATIONAL HYDROGRAPHIC ORGANIZATION**

**INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)**

# UNDERSEA FEATURE NAME PROPOSAL

| **Name Proposed:** | Gurupi Guyot | **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.*

| | Lat. (e.g. 63°32.6'N) | Long. (e.g. 046°21.3'W) |
|---|---|---|
| **Coordinates:** | (Central point) 0°31.27'N | (Central point) 44°01.25'W |
| | 0°40.05'N | 43°54.47'W |
| | 0°38.52'N | 43°52.37'W |
| | 0°35.43'N | 43°52.02'W |
| | 0°29.12'N | 43°54.08'W |
| | 0°26.38'N | 43°55.42'W |
| | 0°25.17'N | 43°56.53'W |
| | 0°22.73'N | 43°59.90'W |
| | 0°22.35'N | 44°02.53'W |
| | 0°23.85'N | 44°05.43'W |
| | 0°27.73'N | 44°07.53'W |
| | 0°31.73'N | 44°09.53'W |
| | 0°36.58'N | 44°08.12'W |
| | 0°39.55'N | 44°05.90'W |
| | 0°41.20'N | 44°02.50'W |
| | 0°40.95'N | 43°56.92'W |
| | 0°39.87'N | 43°54.23'W |
| | 0°40.05'N | 43°54.47'W |

| | | | | |
|---|---|---|---|---|
| **Feature Description:** | Maximum Depth: | -3905 m | Steepness : | From 33° to 3° |
| | Minimum Depth: | -2133 m | Shape : | Conical – Flat top |
| | Total Relief : | 1772 m | Dimension/Size : | 33 Km x 27 Km (approximately) |

| **Associated Features:** | North Brazilian Ridge |
|---|---|

| | | |
|---|---|---|
| **Chart/Map References:** | Shown Named on Map/Chart: | |
| | Shown Unnamed on Map/Chart: | 1 and 20 (INT 202) |
| | Within Area of Map/Chart: | 1, 20 (INT 202) and 21030 (INT 2004) |

| **Reason for Choice of Name** (if a person, state how associated with the feature to be named)**:** | This feature is aligned offshore to Gurupi Cape which is located at Para State coast. Gurupi is an indigenous name of the Tupi tribe that means black diamond. |
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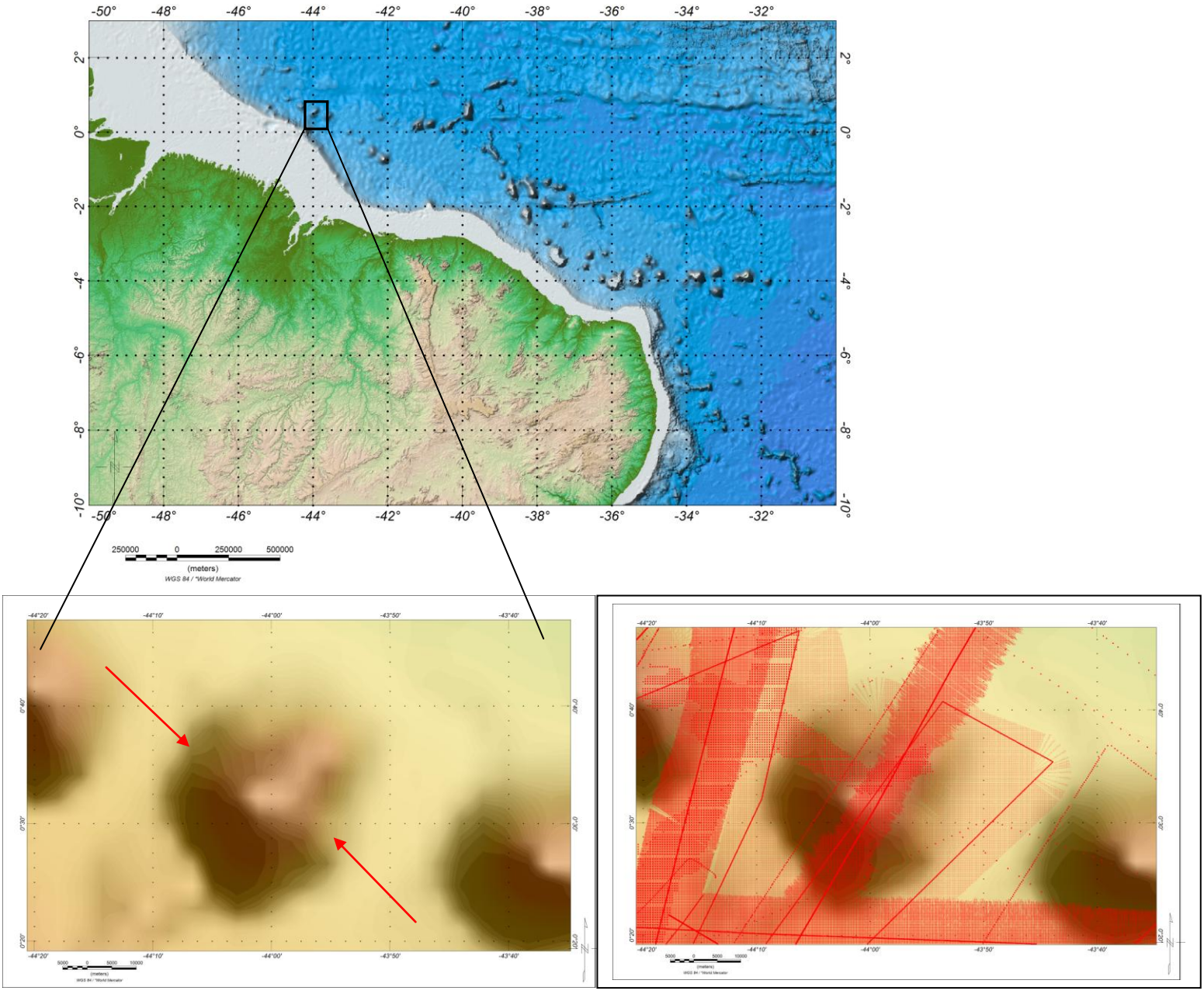
|---|---|---|
| **Discovery Facts:** | Discovery Date: | |
| | Discoverer (Individual, Ship): | |

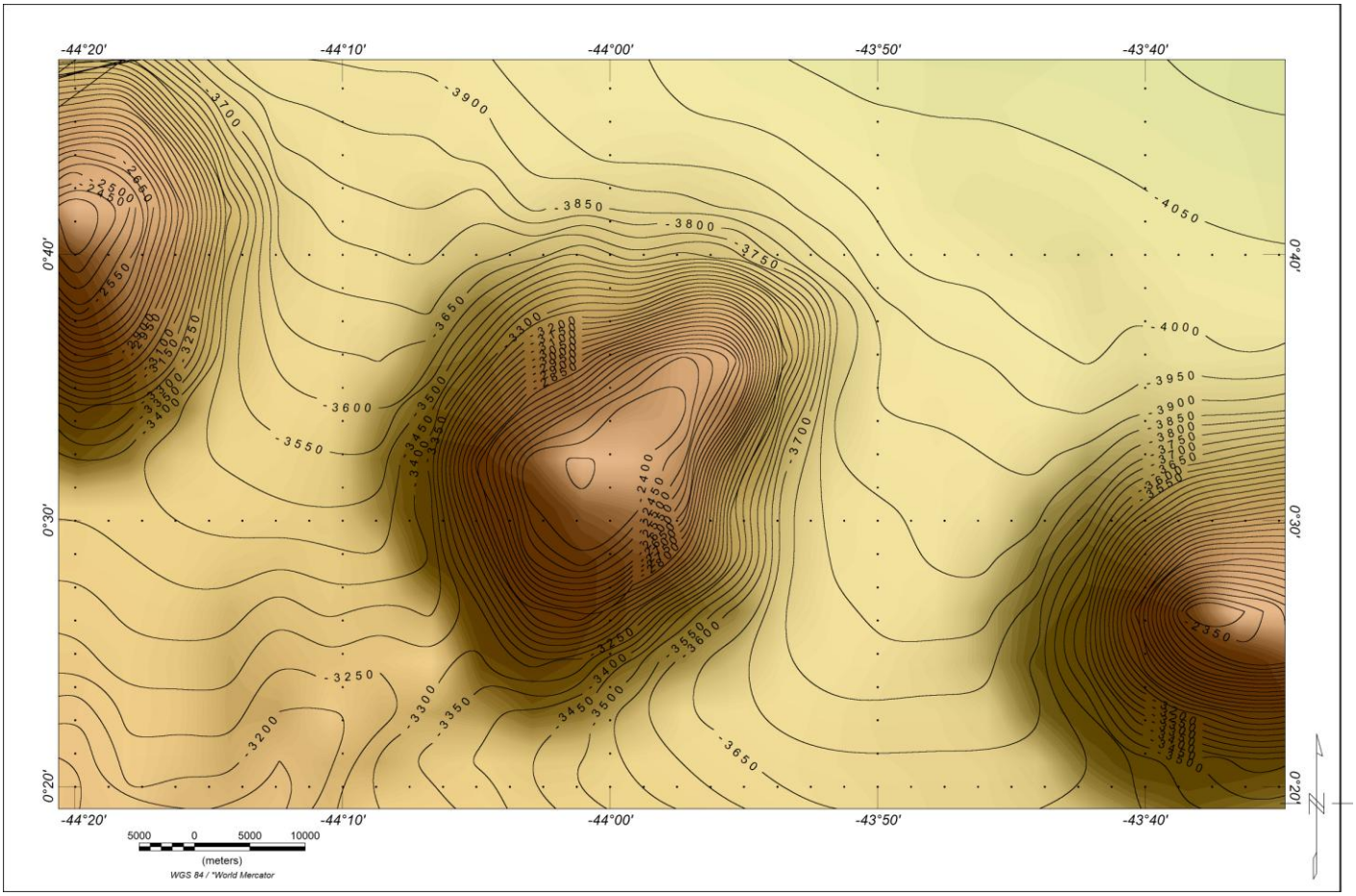
| | | |
|---|---|---|
| **Supporting Survey Data, including Track Controls:** | Date of Survey: | August/2009 February-March/2010 |
| | Survey Ship: | MV Sea Surveyor (Brazilian Continental Shelf Project)<br>R/V Knorr |
| | Sounding Equipment: | Multibeam - Kongsberg - EM122 and EM710 - Seabeam 3012 |
| | Type of Navigation: | Transit - 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 Gurupi Guyot

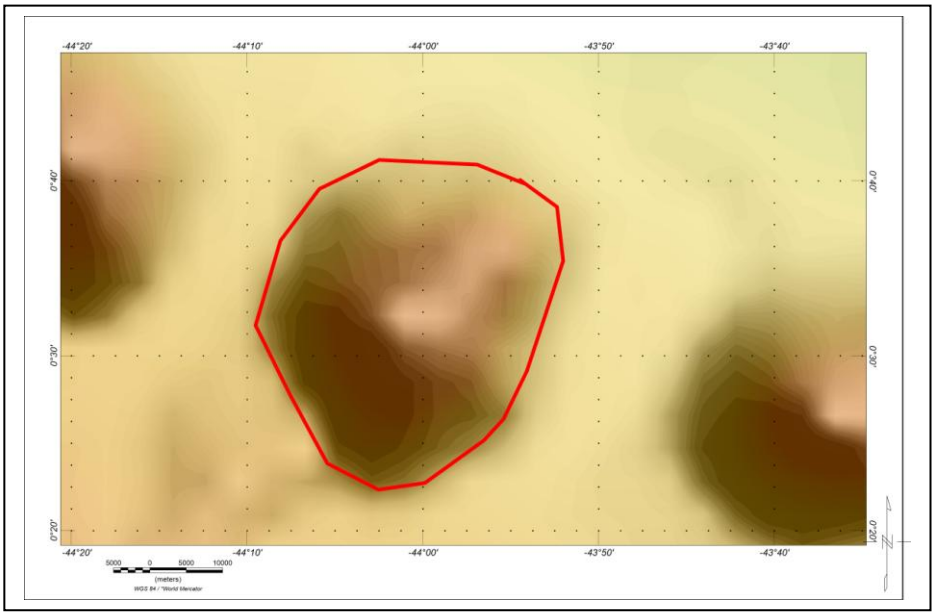



Track line – Multibeam and singlebeam

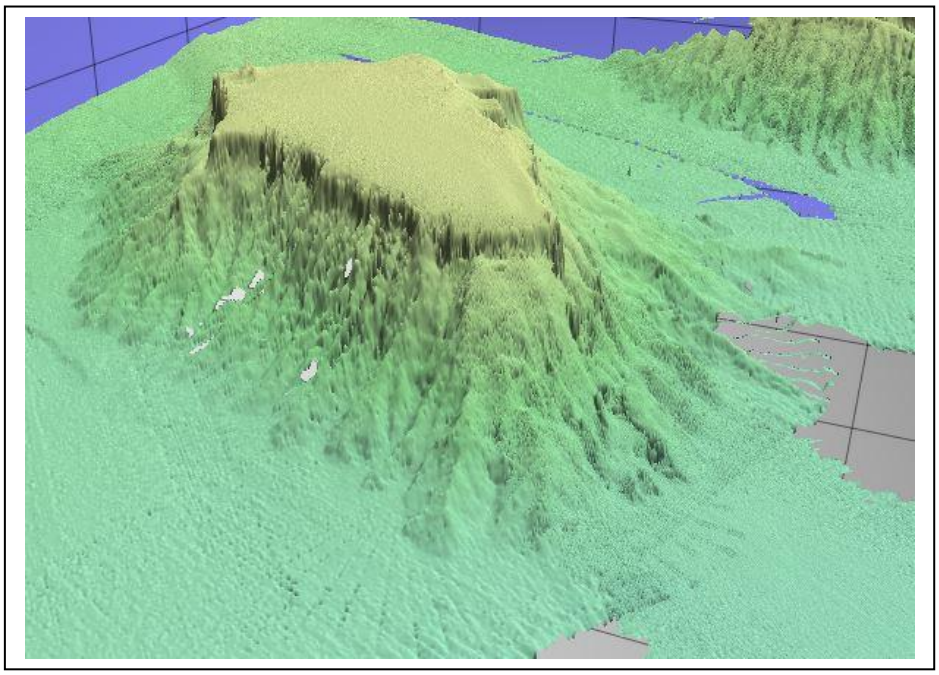
Bathymetric map of the Gurupi Guyot (interval contour: 50 m)



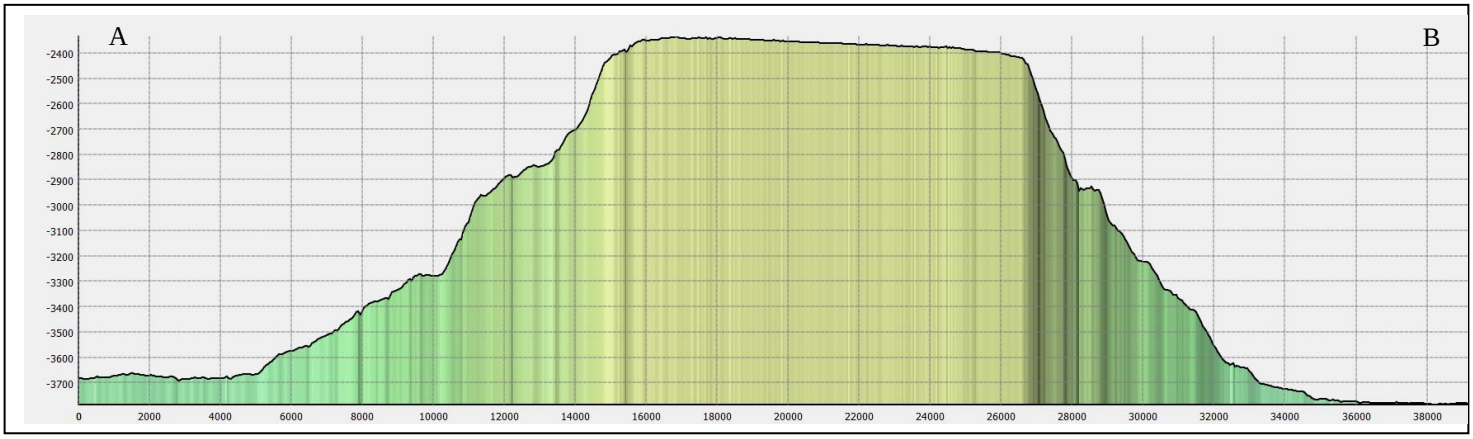

Delimitation of the polygon

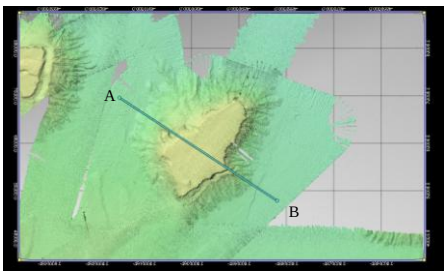


3D - Digital Terrain Model



Bathymetric Grid Profile 1 (Application: Fledermaus 7.2.1a)



| | | |
|---|---|---|
| **Proposer(s):** | Name(s): | Directorate of Hydrography and Navigation |
| | Date: | May 2014 |
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| | Concurrer (name, e-mail, organization and address): | |

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| **Remarks:** | Multibeam data were acquired during the Brazilian Continental Shelf Project (2009) and Late Quaternary Paleohydrology and Paleoclimate of the Amazon Basin Project (2010). |