

UNDERSEA FEATURE NAME PROPOSAL
(Sea NOTE overleaf)

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

| | | | |
|-----------------------|----------------------|----------------------|----------------|
| Name Proposed: | São Francisco Canyon | 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) | Long. (e.g. 046°21.3'W) |
|---------------------|---------------------------|---------------------------|
| Coordinates: | Central point 011°00.68'S | Central point 035.58.42'W |
| | 010°35.90'S | 036°22.53'W |
| | 010°38.75'S | 036°18.35'W |
| | 010°41.50'S | 036°16.68'W |
| | 010°42.20'S | 036°15.37'W |
| | 010°41.70'S | 036°13.18'W |
| | 010°42.70'S | 036°11.55'W |
| | 010°44.22'S | 036°10.65'W |
| | 010°45.38'S | 036°09.13'W |
| | 010°45.45'S | 036°08.15'W |
| | 010°45.60'S | 036°07.32'W |
| | 010°46.55'S | 036°06.48'W |
| | 010°47.97'S | 036°05.92'W |
| | 010°49.23'S | 036°05.33'W |
| | 010°50.25'S | 036°05.38'W |
| | 010°50.88'S | 036°04.32'W |
| | 010°51.27'S | 036°03.83'W |
| | 010°52.65'S | 036°03.33'W |
| | 010°53.20'S | 036°02.96'W |
| | 010°53.55'S | 036°01.67'W |
| | 010°54.33'S | 036°01.48'W |
| | 010°54.95'S | 036°01.75'W |
| | 010°55.12'S | 036°01.10'W |
| | 010°55.63'S | 036°00.30'W |
| | 010°56.96'S | 035°59.62'W |
| | 010°58.25'S | 035°59.10'W |
| | 010°59.75'S | 035°59.73'W |
| | 011°00.20'S | 035°59.85'W |
| | 011°00.43'S | 035°59.05'W |
| | 011°00.68'S | 035°58.42'W |
| 011°01.43'S | 035°58.52'W | |
| 011°01.77'S | 035°58.57'W | |
| 011°01.62'S | 035°57.77'W | |
| 011°02.48'S | 035°56.33'W | |
| 011°02.67'S | 035°55.38'W | |
| 011°02.78'S | 035°54.47'W | |
| 011°03.68'S | 035°53.98'W | |
| 011°04.62'S | 035°53.96'W | |
| 011°05.40'S | 035°53.83'W | |
| 011°05.10'S | 035°52.92'W | |
| 011°05.22'S | 035°51.87'W | |
| 011°05.97'S | 035°51.48'W | |

| | | |
|--|-------------|-------------|
| | 011°06.07'S | 035°52.32'W |
| | 011°06.57'S | 035°52.43'W |
| | 011°06.70'S | 035°51.45'W |
| | 011°07.17'S | 035°50.92'W |
| | 011°07.83'S | 035°50.80'W |
| | 011°08.17'S | 035°51.18'W |
| | 011°08.62'S | 035°50.92'W |
| | 011°07.68'S | 035°47.88'W |
| | 011°07.96'S | 035°47.58'W |
| | 011°09.03'S | 035°47.97'W |
| | 011°09.82'S | 035°48.53'W |
| | 011°10.57'S | 035°48.33'W |
| | 011°10.00'S | 035°47.73'W |
| | 011°09.63'S | 035°47.32'W |
| | 011°09.73'S | 035°45.77'W |
| | 011°10.03'S | 035°45.53'W |
| | 011°11.42'S | 035°45.38'W |
| | 011°12.47'S | 035°46.18'W |
| | 011°13.37'S | 035°46.33'W |
| | 011°12.88'S | 035°45.88'W |
| | 011°13.18'S | 035°44.37'W |
| | 011°13.97'S | 035°43.50'W |
| | 011°14.08'S | 035°42.62'W |
| | 011°14.90'S | 035°41.45'W |
| | 011°15.96'S | 035°40.38'W |
| | 011°16.73'S | 035°39.55'W |
| | 011°17.03'S | 035°39.33'W |
| | 011°18.03'S | 035°39.13'W |
| | 011°18.97'S | 035°38.80'W |
| | 011°19.20'S | 035°37.82'W |
| | 011°20.10'S | 035°36.57'W |
| | 011°20.77'S | 035°35.58'W |
| | 011°21.70'S | 035°34.22'W |
| | 011°22.60'S | 035°33.20'W |
| | 011°24.02'S | 035°30.05'W |
| | 011°23.83'S | 035°28.68'W |

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|-----------------------------|-----------------|---------|------------------|-------------------------|
| Feature Description: | Maximum Depth: | 3.950 m | Steepness : | |
| | Minimum Depth : | 30 m | Shape : | Elongated and meandered |
| | Total Relief : | | Dimension/Size : | 140 km (approximately) |

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| Associated Features: | |
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| Chart/Map References: | Shown Named on Map/Chart: | |
| | Shown Unnamed on Map/Chart: | |
| | Within Area of Map/Chart: | Nautical Chart 1 |

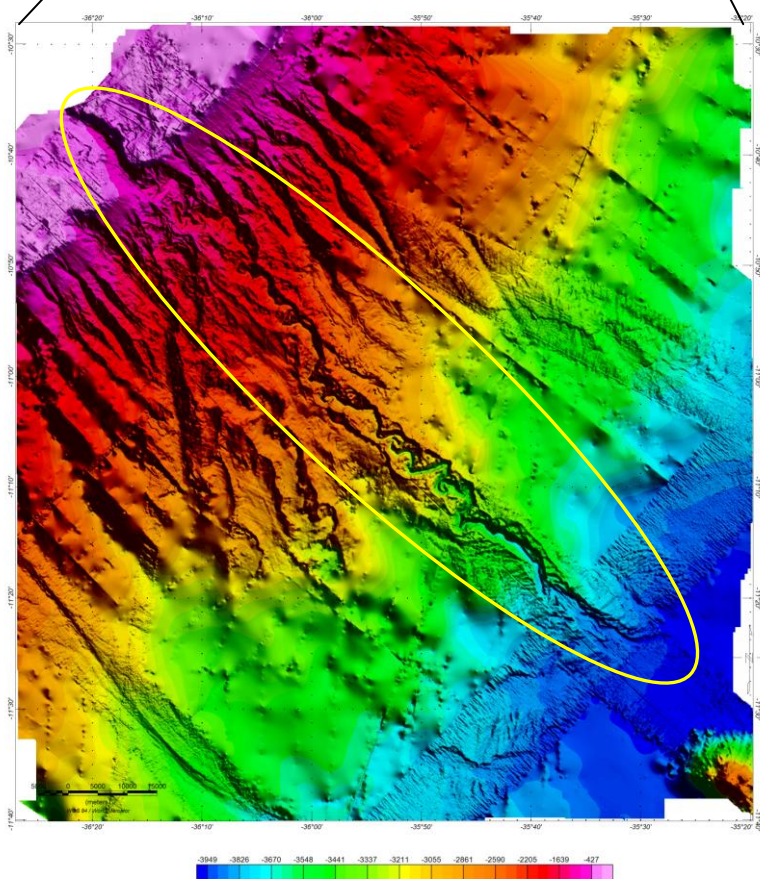
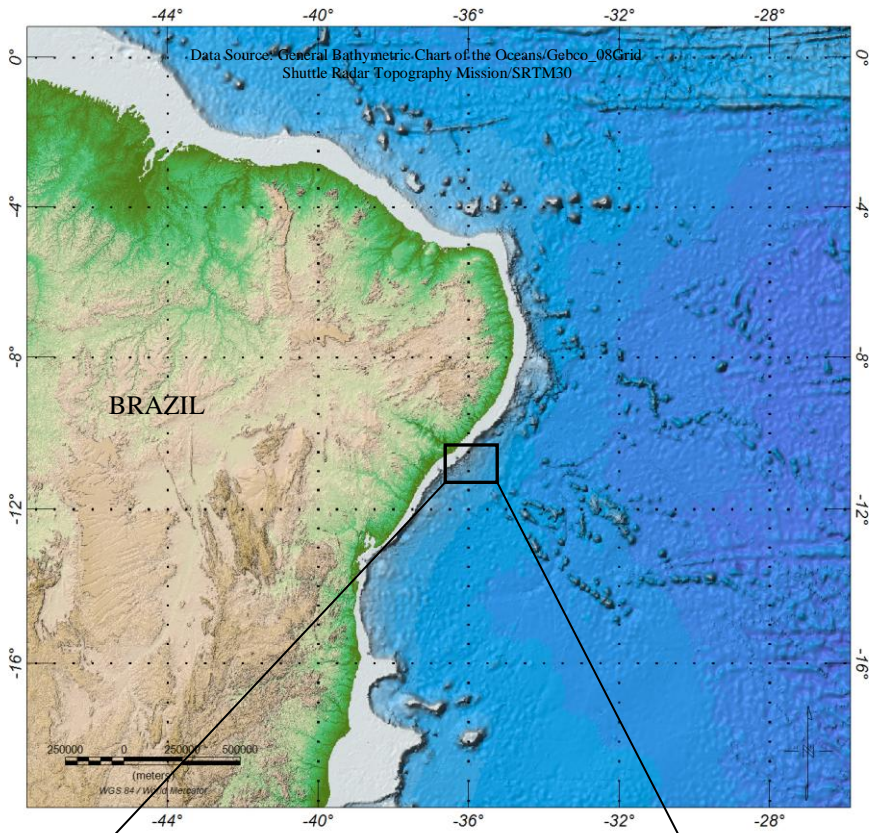
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|--|--|
| Reason for Choice of Name (if a person, state how associated with the feature to be named): | São Francisco Canyon is the continuity on the seafloor of São Francisco river, at the continent. The canyon is well known since 70's and it has been mentioned in many scientific papers and publications, for instance, REMAC Project – Geomorphology of the Brazilian Continental Margin and adjacent oceanic areas; The name is a tribute to Saint Francis of Assisi, who is celebrated on the date of the river discovery. |
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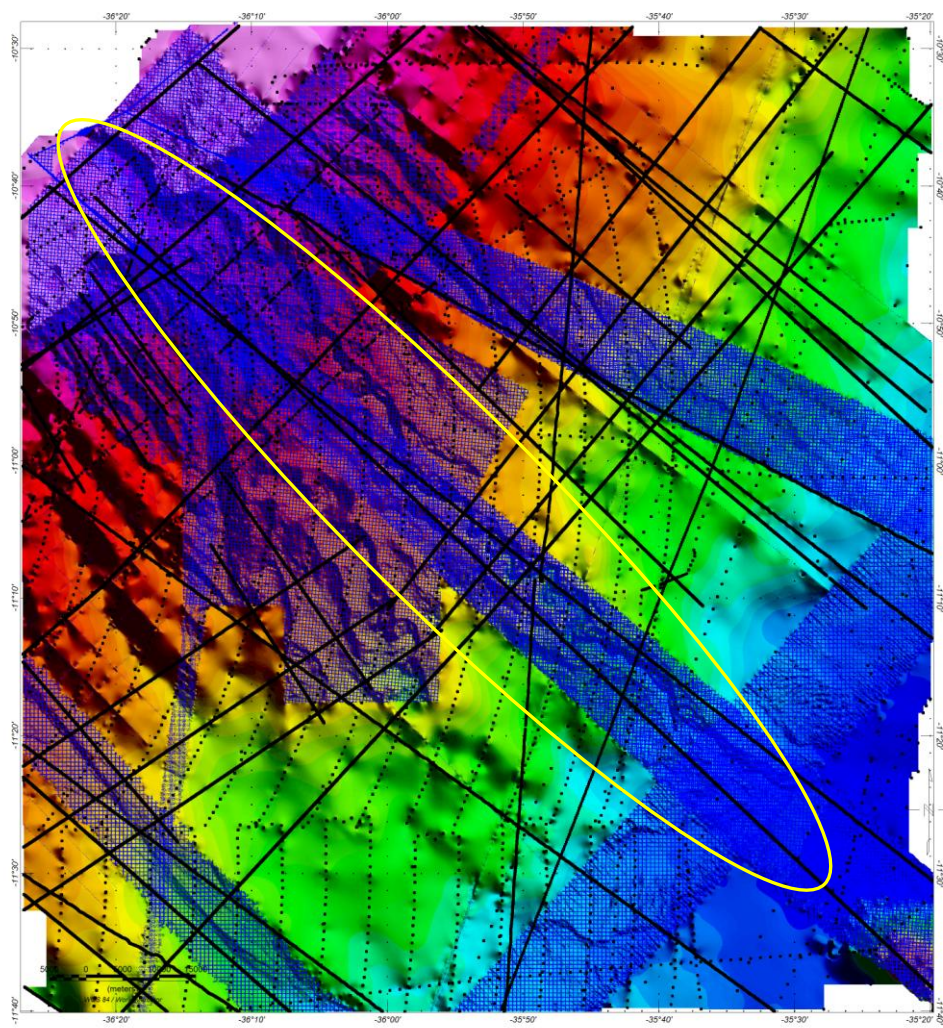
| | | |
|-------------------------|-----------------|---------|
| Discovery Facts: | Discovery Date: | unknown |
|-------------------------|-----------------|---------|

| | |
|--------------------------------|---------|
| Discoverer (Individual, Ship): | unknown |
|--------------------------------|---------|

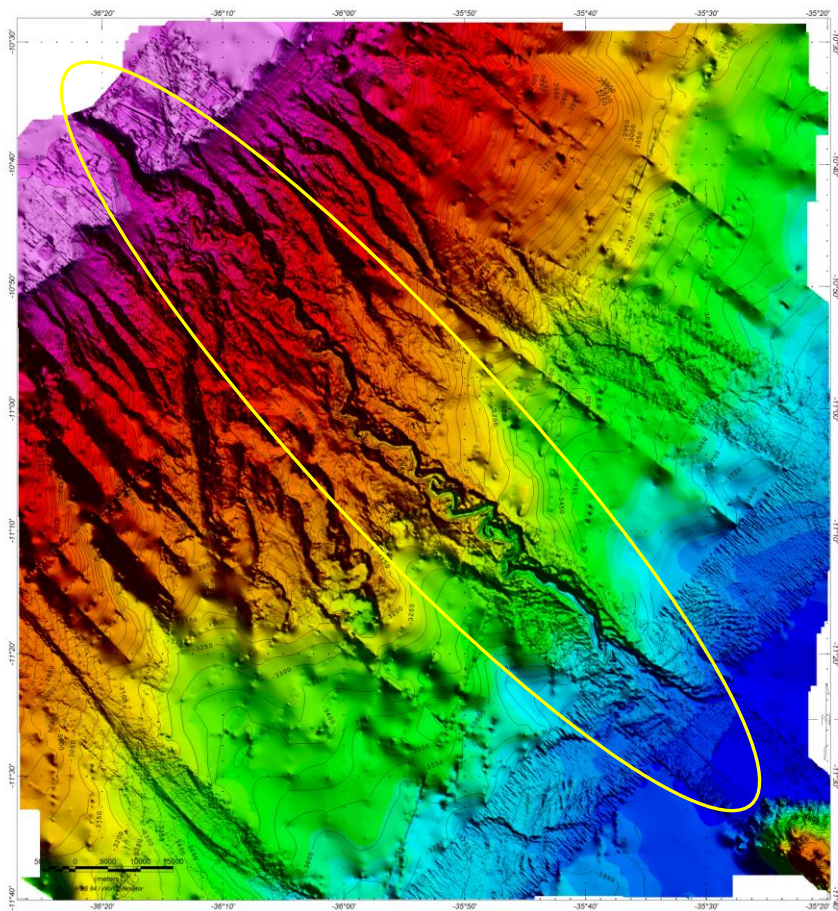
| | | |
|--|--|--|
| Supporting Survey Data, including Track Controls: | Date of Survey: | 1990, 1996, 2003, 2009, 2010 |
| | Survey Ship: | MV Sea Surveyor (Brazilian Continental Shelf Project) M/V Discoverer Besnard, R/V Britania, R/V Joides Resolution, R/V Robert D. Conrad, R/V James Clark Ross, R/V Vema, NOc Almirante Camara, NHo Cruzeiro do Sul |
| | Sounding Equipment: | Multibeam – 3012 and EM122 Singlebeam - EA500, KELVIN HUGHES TYPE 778 PDR, EPC 9802, Krupp Atlas Deso-25, EA600 |
| | Type of Navigation: | GPS |
| | Estimated Horizontal Accuracy (nm): | |
| | Survey Track Spacing: | 4 Km – Full bottom covered and 30 km - 4 km |
| | Supporting material can be submitted as Annex in analog or digital form. | |

São Francisco Canyon Location



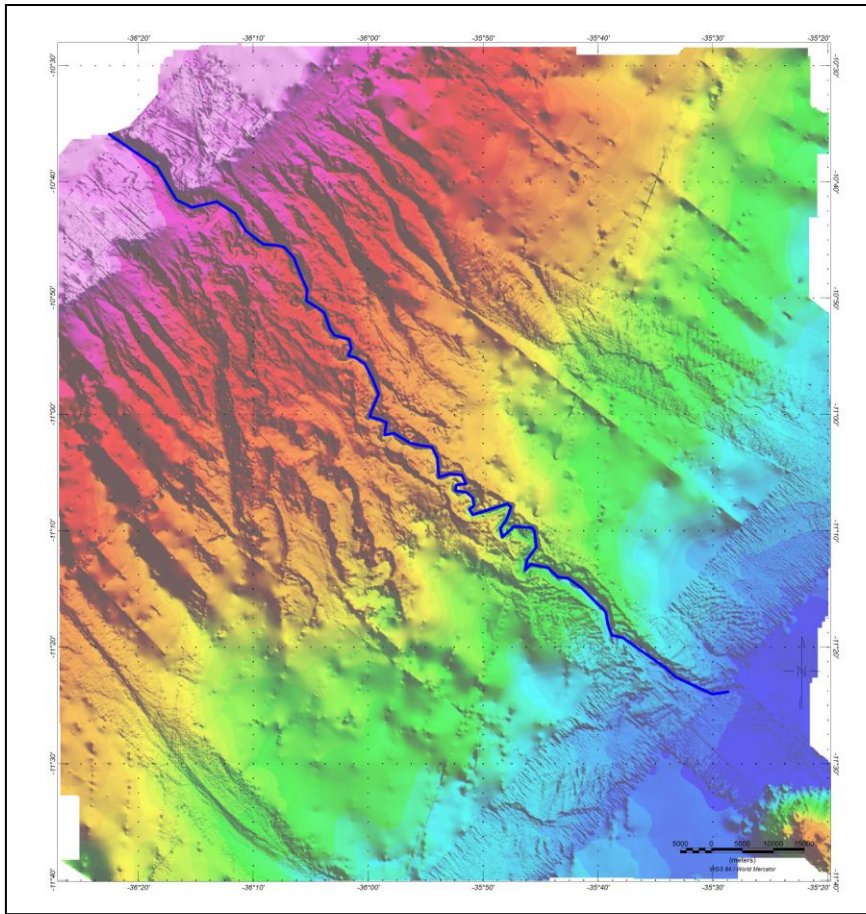


Track line
 — Multibeam
 — Singlebeam

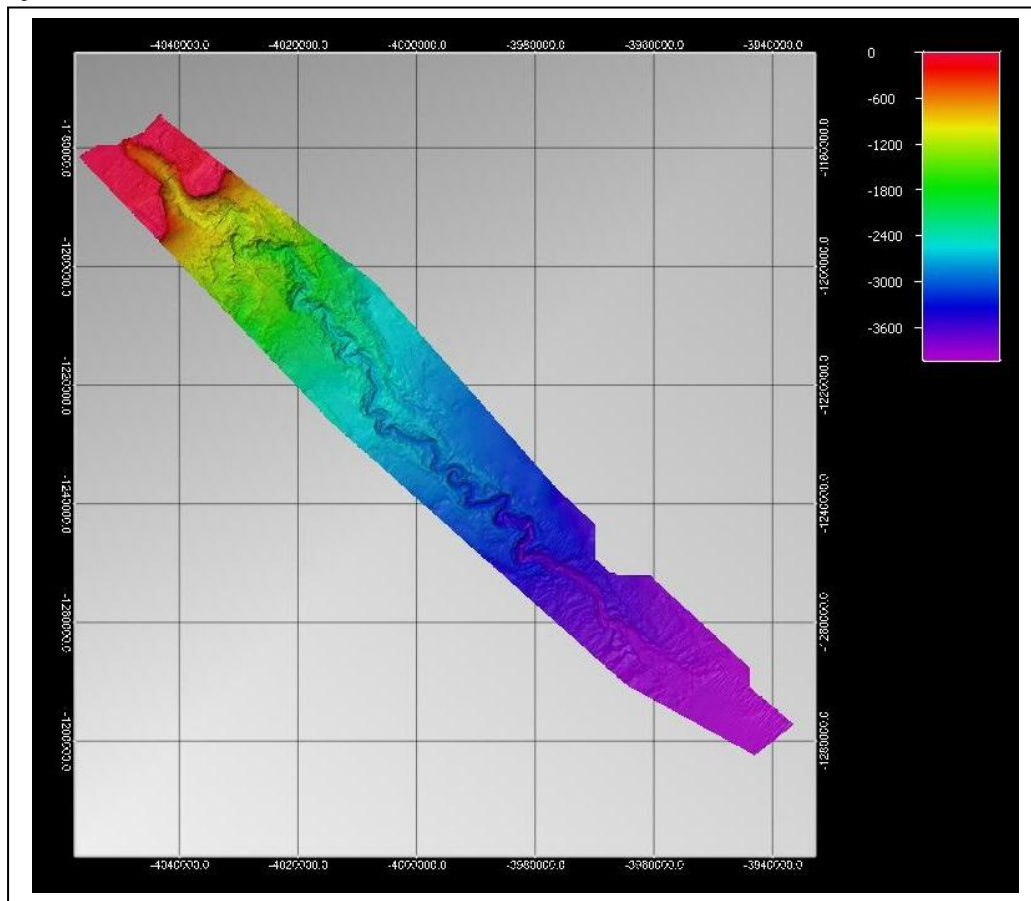


Bathymetric map of São Francisco Canyon region (interval contour: 50 m)

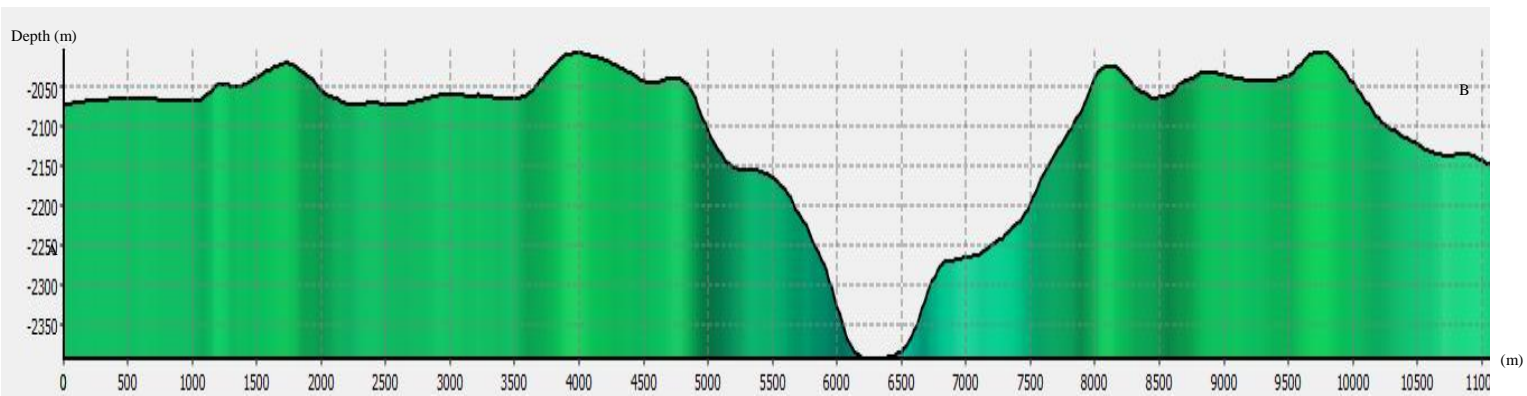
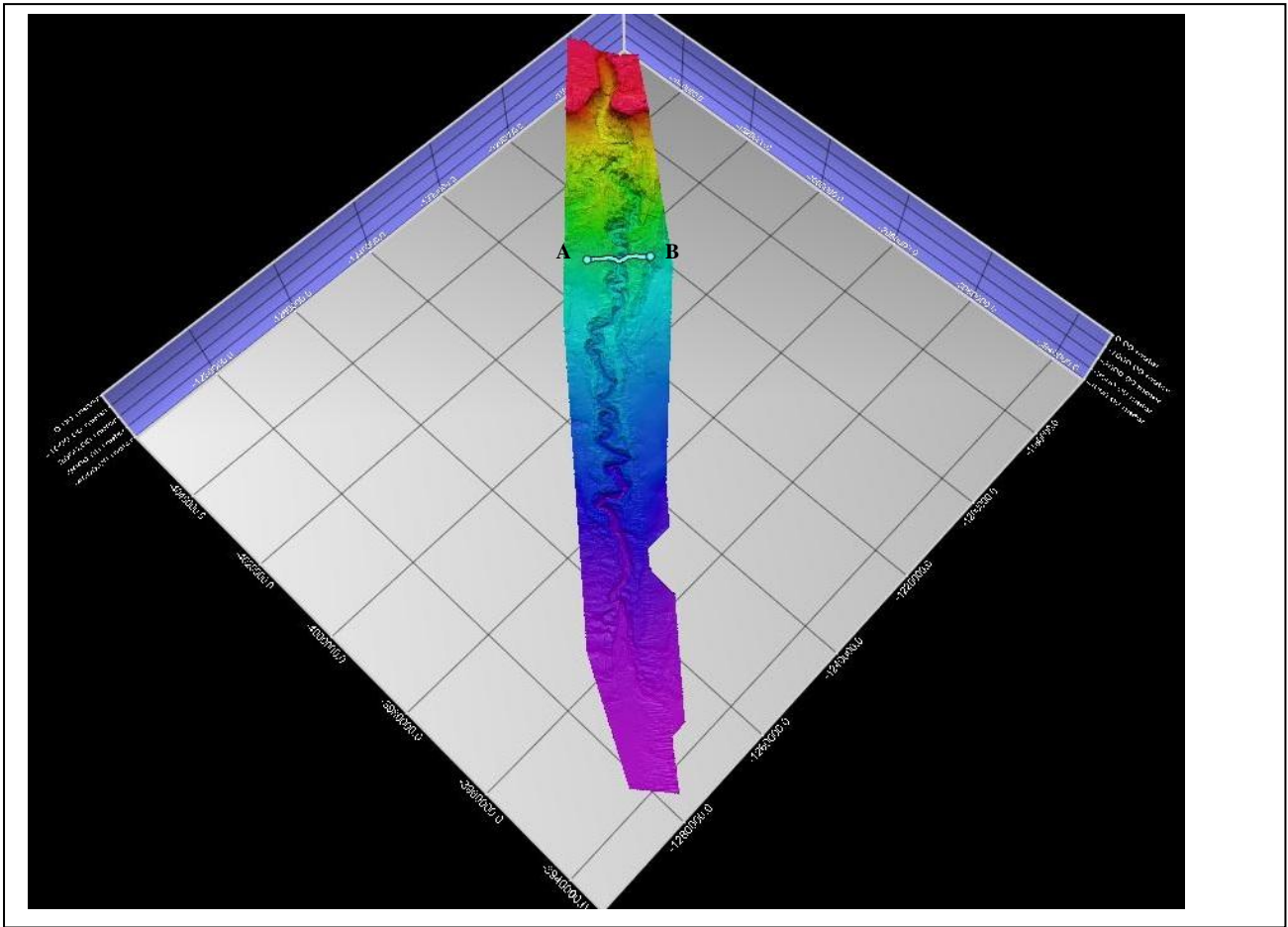
São Francisco Canyon Location



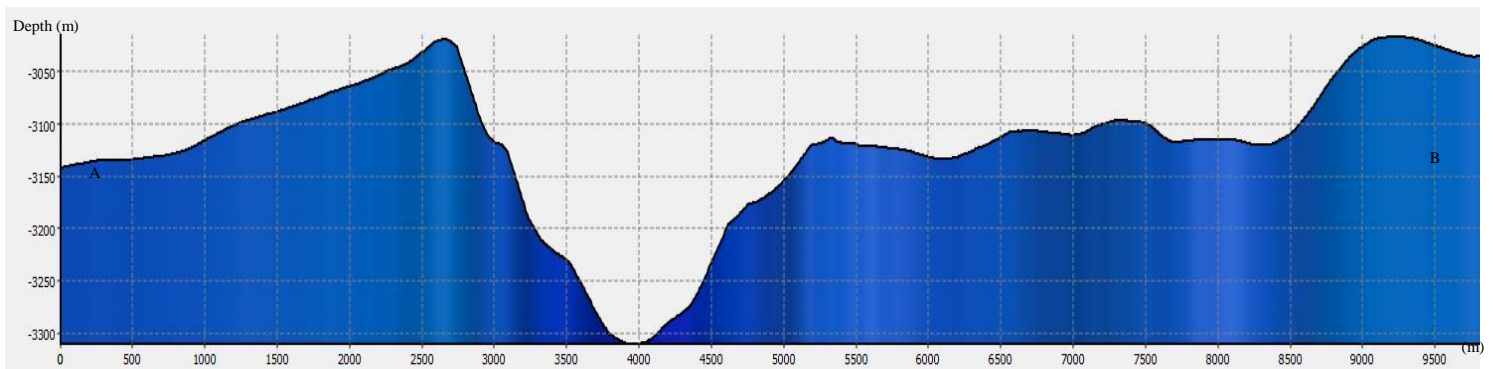
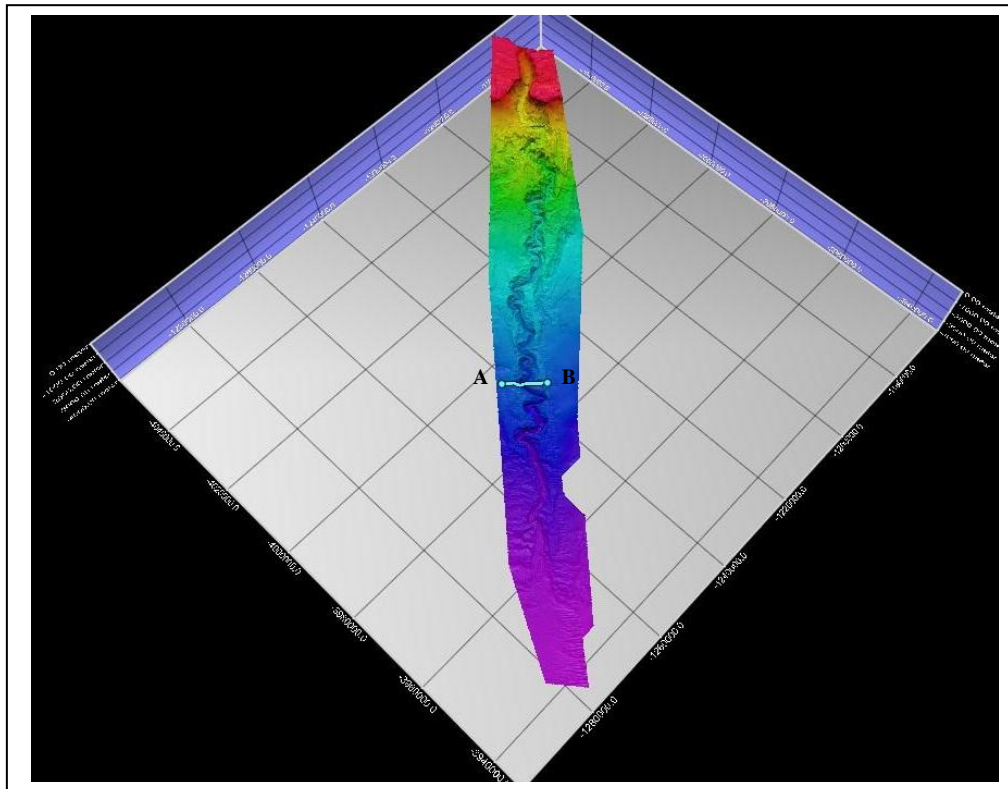
3D - Digital Terrain Model



Bathymetric Grid Profile 1 (Application: Fledermaus 7.2 1a)



Bathymetric Grid Profile 2 (Application: Fledermaus 7.2 1a)



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|---------------------|---|---|
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