

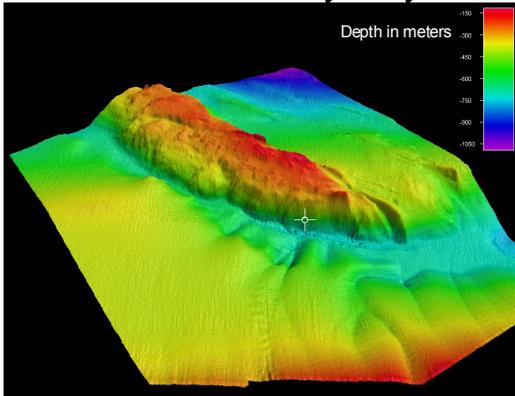


10 STORY MYSTERY

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 EX1101 NOAA Ship Okeanos Explorer



In the Channel Islands National Marine Sanctuary there lies a feature known as 10 Story Mystery. The Mystery lies to the southwest of Santa Rosa Island on the northern down slope of a ridge located near 33° 15' N 120° 53' W. The Mystery is resting at a depth of 450 m below the surface.

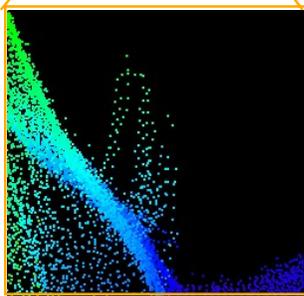
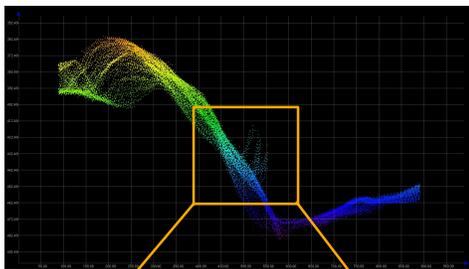


Perspective view from the north



The EM302 multibeam data of 10 Story Mystery collected by the NOAA Ship Okeanos Explorer suggest that the Mystery is in fact a real feature of the ridge and not just a sonar data artifact.

The Mystery originated when the Channel Islands Sanctuaries' ship R/V Shearwater's ES60 echo sounder data revealed a feature that rose 100 feet from the sea floor.



Profile view from Subset Editor in Caris

The next step for 10 Story Mystery is to dive on the feature with the ROV. This may allow for scientists to directly identify the Mystery.

