

Date: Thu, 22 Sep 2005 09:26:10 -0600

From: "Lisa.A.Taylor" <Lisa.A.Taylor@noaa.gov>

Subject: Response to Action items from SCUFN17

To: Michel HUET <mhuet@ihb.mc>

Cc: pbouzanquet@ihb.mc,

JOSE LUIS AGUSTIN FRIAS SALAZAR <JOSE.FRIAS@inegi.gob.mx>

Dear Michel and Pascale,

Reviewing action items from our last SCUFN meeting, I submit the following information:

- 1) Name origin for \_Chorreras Canyon\_: The canyon was named after Arroyo Chorreras, a stream along the coast of Mexico in Tamaulipas adjacent to the feature.
  
- 2) \_Tehuantepec Ridge vs. \_Tehuantepec Fracture Zone\_: I have looked at Smith and Sandwell's measured and estimated seafloor topography and the tectonic literature for evidence that this feature is a fracture zone. The crust to the south of the feature (Guatemala Basin) is older than the crust to the north. Magnetic and gravity anomalies indicate the feature is a fracture zone. The Tehuantepec Ridge was named by Bob Fisher in 1957 before the theory of Plate Tectonics came on the scene. I propose that we discuss changing the name of the feature from ridge to fracture zone at our meeting. See attached journal article abstracts for more details.

Looking forward to seeing you in Monaco,

Sincerely,

Lisa

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Lisa A. Taylor

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