



# CARIBBEAN ATLANTIC MARGIN DEEP IMAGING

Geoex MCG is pleased to present the Caribbean Atlantic Margin Deep Imaging (CAMDI) project.

Learn more at [www.geoexmcg.com](http://www.geoexmcg.com)



**Geoex MCG**

## Survey Design

The Caribbean Atlantic Margin Deep Imaging survey is designed to assist oil companies to better understand the regional tectonic framework of the various basins along the Southeastern Caribbean and Western Atlantic margin of Northeast South America. The survey includes a Detailed Grid, off Trinidad and Tobago and Grenada, to provide more detail, tying the producing areas to the underexplored deeper part of the Tobago Trough.

The Tobago Trough is an underexplored area flanked by oil and gas production to the East and South in Barbados and Trinidad and Tobago and recently, with a new gas discovery offshore Grenada. Seismic interpretation of this survey along with the 2013 Geox MCG 2D survey in Barbados, shows a thick sedimentary succession in the Tobago Trough. The presence of a mature La Luna oil prone source rock in the Trough seem likely.

The Caribbean Atlantic Margin Deep Imaging survey ties the Sandy Lane well in Barbados in addition to several deeper wells in Trinidad and Tobago.

Data has been processed in both time and depth, utilizing the latest broadband technology. Gravity and Magnetic data were also acquired with the survey.

The Caribbean Atlantic Margin Deep Imaging survey was acquired using a 37.5 meter shotpoint interval and Continuous recording 18 second record length. The survey covers Barbados, Trinidad and Tobago, Grenada and St. Vincent.

The surveys are well positioned for upcoming License rounds in the region.

## Geox MCG 2D Survey Acquisition Parameters

Concept	Parameter
Acquisition system	Sercel Seal System
Shotpoint interval	37.5 m
Sample rate	2 ms
Cable type	Sentinel Solid Streamer
Number of receivers	960
Receiver interval	12.5 m
Cable length	12 km
Cable depth	12 m (+/-1 m)
Fold	160
Recording time	18 s (Continuous Recording)
Recording mode	Continuous Recording
Receiver type	Solid: Sercel Flexible Hydrophone
Source type	G-GUN
Source volume	5,020 in <sup>2</sup>
Number of sources	1
Pressure	2,000 psi
Source depth	7.5 (+/- 1 m)
Filter	3 HZ analogic-Filter antialias linear
Data format	8058 IEE
X min	150 m
X max	12,200 m
Gravity	Yes
Magnetic	Yes