MCS Guyana Deepwater 2D GeoStreamer®

PGS offers 12,542 km of long offset GeoStreamer MC2D seismic covering the Guyana Basin

This survey provides a modern, comprehensive seismic address of the Guyana Deep Sub-Basin.

Potential across the basin is believed to exist in stratigraphic targets within Tertiary and Cretaceous turbidite sandstones basin floor fan systems analogous to those proven in Angola and Sierra Leone. Cenomanian-Turonian deep marine shales of the Canje Formation are considered the primary source.
**SURVEY SUMMARY**

- **Type:** 2D
- **Geostreamer:** Yes
- **Geometry:** Standard
- **Size:** 4483 km
- **Acquisition year:** 2008
- **Completion of processing:** 2009
- **Shooting direction:** Various
- **Vessel:** Aquila Explorer
- **In partnership with:** Guyana Geology and Mines Commission (GGMC) - Co-operative Republic of Guyana

**ACQUISITION PARAMETERS**

- **Number of streamers:** 1
- **Streamer length:** 12000 m
- **Shot interval:** 37.5 m
- **Record length:** 14000 ms
- **Source depth:** 9 m
- **Sample rate:** 2 ms
- **Fold:** 160

**PROCESSING AND DELIVERABLES**

- **Processing:** P-UP generation, 3D surface related multiple elimination (SRME), High resolution radon demultiple, Kirchhoff prestack time migration (PSTM)
- **Time products:** Final Kirchhoff PSTM Stack, Angle stack near, Angle stack mid, Angle stack far, PSTM gathers, Stacking velocity, Migration velocity
- **Additional products:** Demultiple Gathers, Gravity

---

**For all enquires please contact** Email: rsa.info@pgs.com

Feb 2020