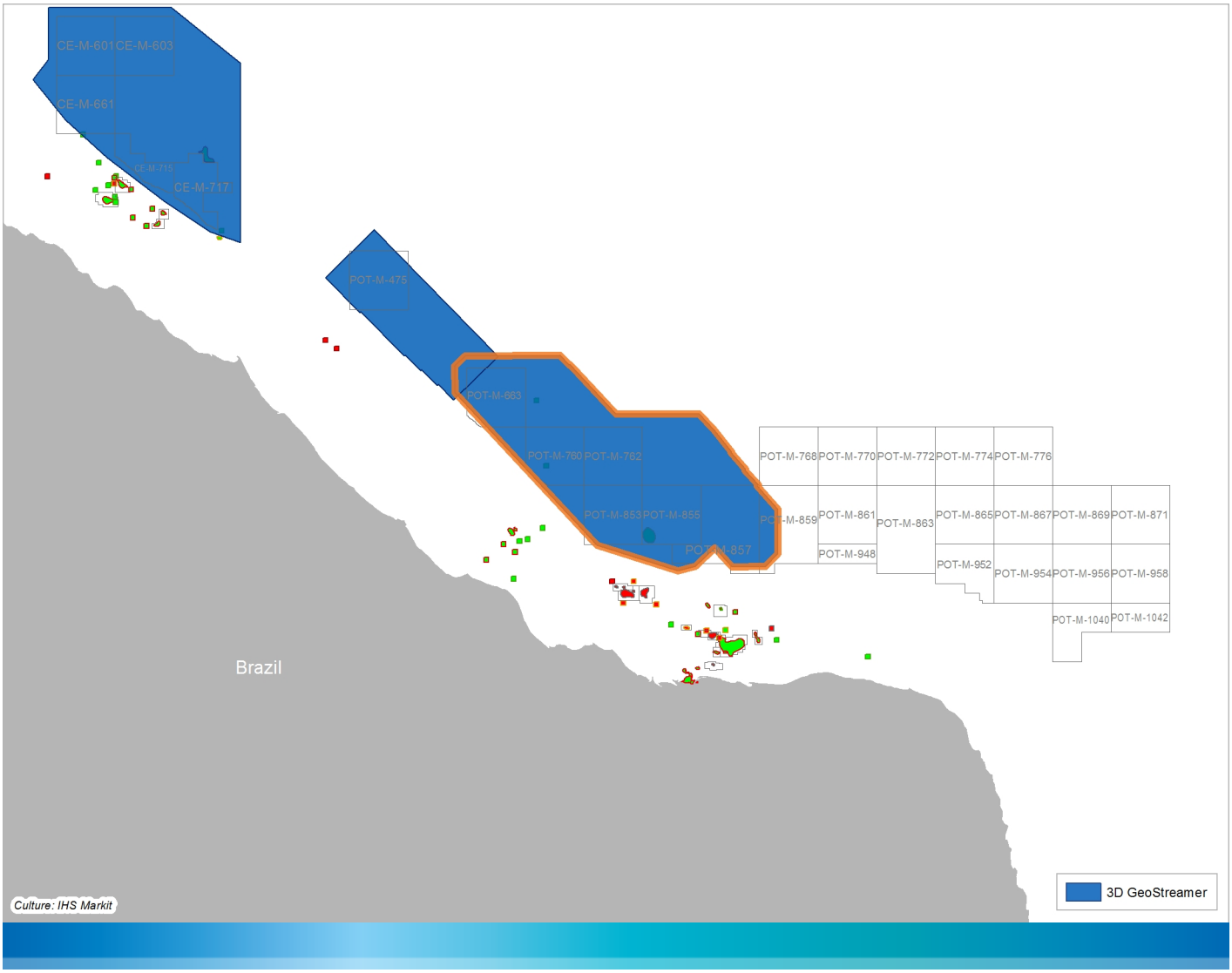


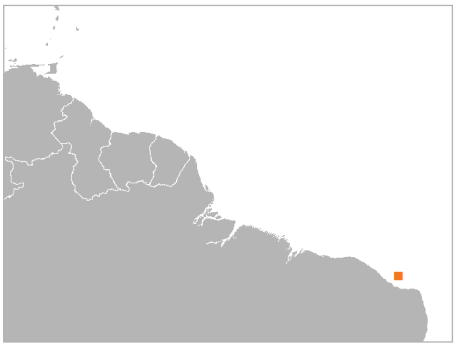

Potiguar Basin – Brazil – 2017

# Potiguar Aracati 3D GeoStreamer

## Brazil equatorial margin plays with proven exploration success

This dataset in the underexplored deepwater Potiguar Basin in the equatorial margin of Brazil is on strike to discoveries at Pecem and Pitu and targets Cretaceous to Lower Tertiary reservoirs.

The survey images upper slope to lower slope fan channel complexes sourced by rich Cretaceous source rock. Reservoir intervals from Cretaceous to Lower Tertiary are imaged by high fidelity GeoStreamer data. Analog prospects have been drilled in the conjugate margin in West Africa and in Guyana.

Modern broadband AVO compliant signal processing with GeoStreamer data to time and depth offers the best fidelity of seismic attributes.

Potiguar Aracati 3D GeoStreamer

## SURVEY SUMMARY

**Type:** 3D
**Geostreamer:** Yes
**Size:** 8554 sq. km
**Acquisition year:** 2017
**Completion of processing:** 2018
**Shooting direction:** 137/317
**Vessel:** Ramform Tethys

## ACQUISITION PARAMETERS

**Number of streamers:** 16
**Streamer length:** 8100 m
**Streamer separation:** 100 m
**Shot interval:** 25 m
**Record length:** 10 ms
**Source depth:** 8 m
**Sample rate:** 2 ms
**Bin dimensions (Acquisition):** 6.25/25 m
**Bin dimensions (Processing):** 12.5 m
**Fold:** 160

## PROCESSING AND DELIVERABLES

**Processing:** P-UP generation, Full source deghosting, 3D surface related multiple elimination (SRME), Kirchhoff prestack time migration (PSTM), Kirchhoff prestack depth migration (PSDM)

**Depth products:** Final Kirchhoff PSDM stack, PSDM gathers, Velocity model, Final Kirchhoff PSDM angle stacks

**Time products:** Final Kirchhoff PSTM Stack

**Additional products:** Gravity, Magnetics

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