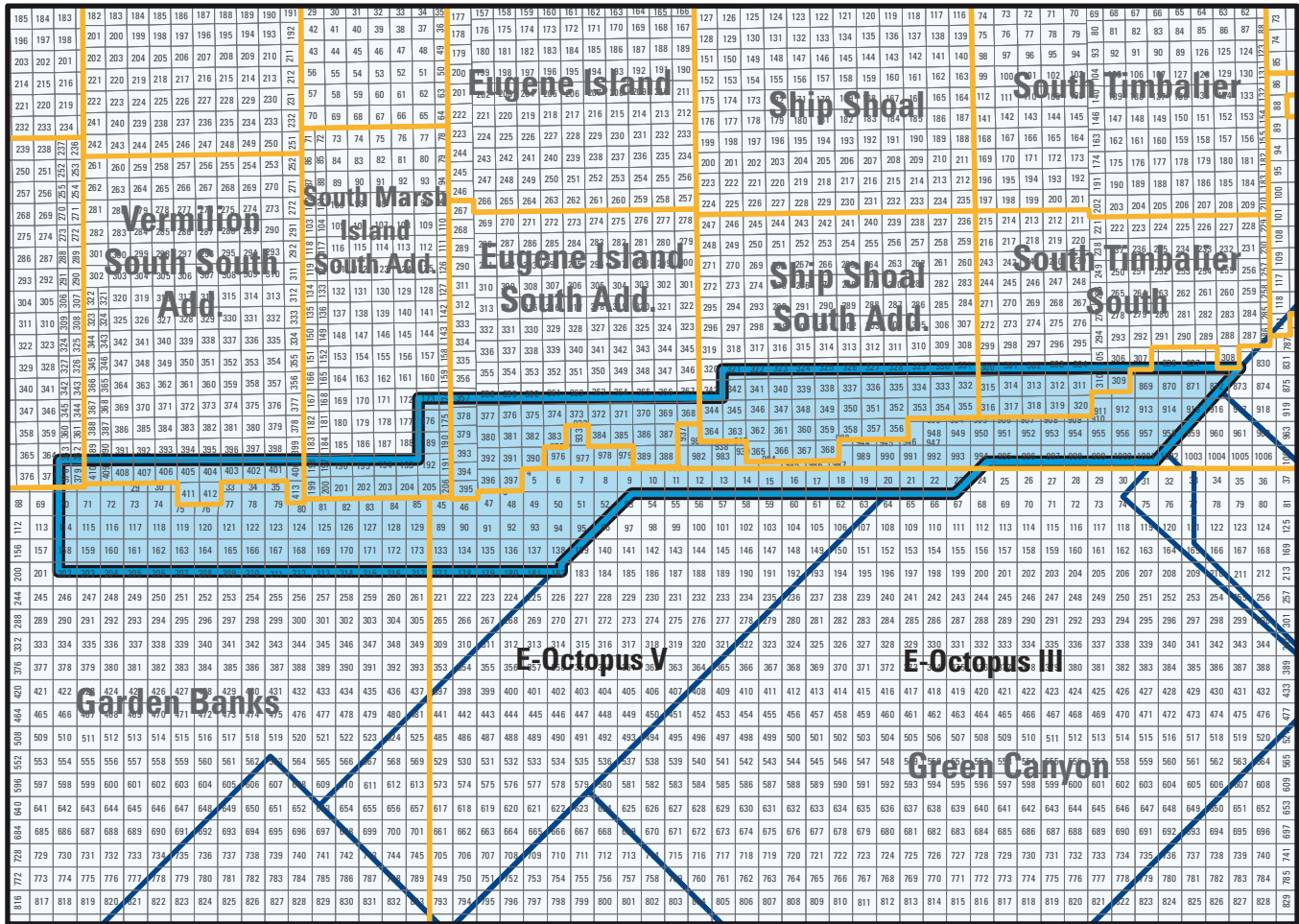


Flex Trend

Gulf of Mexico

Garden Banks, Green Canyon, S. Marsh Island, Eugene Island, Ship Shoal



Key Highlights

- Q-Marine* point-receiver marine seismic system
- Wide-azimuth acquisition
- Nine-kilometer maximum offsets
- 3D GSMP* 3D general surface multiple prediction
- Velocity model building incorporating tilted transverse isotropy (TTI)
- Anisotropic Kirchhoff and reverse time migration (RTM) final volumes

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Flex Trend

Acquisition Parameters

Recording system	Q-Marine* point-receiver marine seismic system
Energy source	Single source: 8,475 in ³
Source depth	10 m
Streamer configuration	Multistreamer: ten 8,000-m cables
Streamer depth	12 m
Maximum offset	9,000 m
Sample rate	2 ms
Record length	14 s
Digital group forming (DGF) receiver interval	12.5 m

Processing Flow

DGF: output 12.5 m
Navigation merge
Calibrated marine source signature
Anomalous amplitude attenuation
Water velocity correction
Inverse Q: phase only
3D GSMP* 3D general surface multiple prediction
Multiple iterations of multiazimuth sediment tomography (incorporating anisotropy)
High-resolution sediment flood
Salt model building
Subsalt tomography
Anisotropic Kirchhoff migration and reverse time migration (RTM)

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