



Papuan Basin – Papua New Guinea – 2020

Painimaut MC3D 3D GeoStreamer

New MC3D in Frontier Papuan Basin

The Painimaut MC3D is targeting a number of play types in the under-explored Papuan Basin.

This modern survey will provide a clearer image of the Mesozoic rift basins positioned adjacent to the Papuan and Eastern Plateaus as well as pinch-out plays and drapes over deeper structural highs.

Data being acquired with Geostreamer technology and triple-source acquisition. Gravity and magnetic data also acquired.

SURVEY SUMMARY

Type: 3D
Geostreamer: Yes
Geometry: Standard
Size: 6116 sq. km
Acquisition year: 2020
Completion of processing: 2020
Water depth: 1500 -2000 m
Shooting direction: Variable
Vessel: Ramform Hyperion

ACQUISITION PARAMETERS

Number of streamers: 12
Streamer length: 8025 m
Streamer separation: 150 m
Shot interval: 16.67 m
Record length: 11000 ms
Source depth: 7 m
Sample rate: 2 ms
Bin dimensions (Acquisition): 6.25 m
Bin dimensions (Processing): 25 m
Fold: 80

PROCESSING AND DELIVERABLES

Processing: Fast Track Prestack Time Deliverable

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

Time products: Final Kirchhoff PSTM Stack, PSTM gathers, Stacking velocity, Migration velocity, Angle stacks

Additional products: Gravity, Magnetics