



Espírito Santo Basin – Brazil – 2005

BM-ES-24 3D

Encompassing the shelf and slope into deepwater areas of the southwest part of Espírito Santos Basin

Potential targets range from Neocomian to early Tertiary in sandstone, calcarenite or carbonate environments.

SURVEY SUMMARY

Type: 3D
Geometry: Standard
Size: 1733 sq. km
Acquisition year: 2005
Completion of processing: 2006
Water depth: 60 - 1970 m
Shooting direction: 0 / 180
Vessel: Ramform Challenger

ACQUISITION PARAMETERS

Number of streamers: 10
Streamer length: 6000 m
Streamer separation: 100 m
Shot interval: 25 m
Record length: 9000 ms
Source depth: 7.5 m
Sample rate: 2 ms
Bin dimensions (Acquisition): 6.25 x 25 m
Bin dimensions (Processing): 12.5 x 25 m
Fold: 60

PROCESSING AND DELIVERABLES

Processing: Radon and residual, 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, Acquisition and processing reports