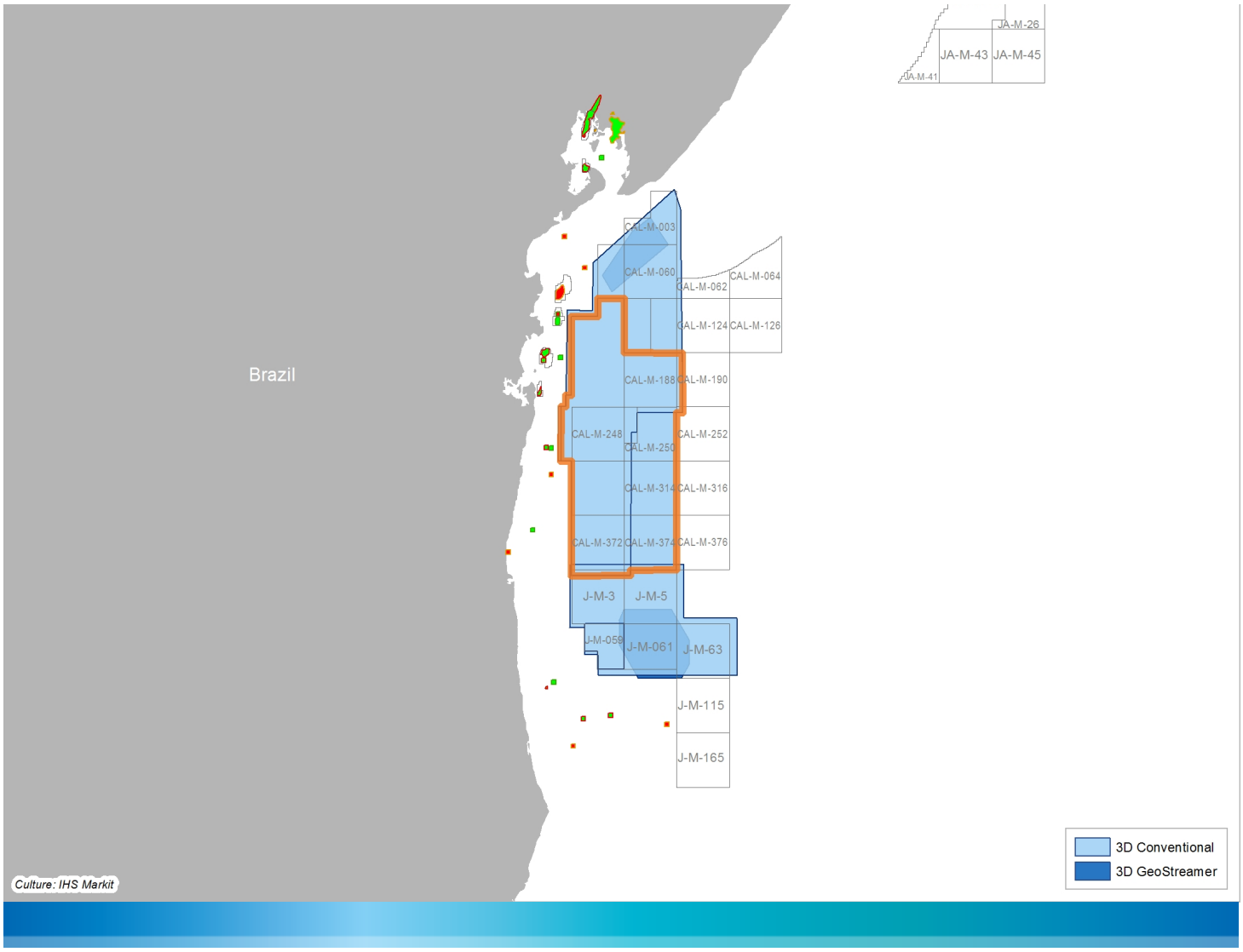

Camamu Basin – Brazil – 2005

Camamu Ph 1-2 PSDM 3D

The Survey covers the prospective and underexplored Camamu-Almada Basin

Presalt section as well as Tertiary and Cretaceous Turbidites. BP Pitanga well tested source rock and partial section. Additional section and targets at similar depths and deeper.

Furthest north Brazilian basin with salt involvement. Presalt section is untested and could be either carbonates or clastics. The clastic analogue is the Dentale formation in northern Gabon. Turbidite play analogues are the Farfan, Barra and Moita Bonita discoveries in Sergipe-Alagoas.

The PSDM allows evaluation of a number of play fairways and play types.

Camamu Ph 1-2 PSDM 3D

SURVEY SUMMARY

Type: 3D
Geometry: Standard
Size: 5120 sq. km
Acquisition year: 2005
Completion of processing: 2012
Reprocessed: Yes
Water depth: 200-2500 m
Shooting direction: 0/180
Vessel: Ramform Valiant

ACQUISITION PARAMETERS

Number of streamers: 10
Streamer length: 6000 m
Streamer separation: 100 m
Shot interval: 50, 25 Flip-Flop m
Record length: 9000 ms
Source depth: 7 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: 3D surface related multiple elimination (SRME), Kirchhoff prestack depth migration (PSDM), Beam depth migration

Depth products: Final Kirchhoff PSDM stack, Final beam PSDM stack, PSDM angle stack near, PSDM angle stack mid, PSDM angle stack far, PSDM gathers, Velocity model