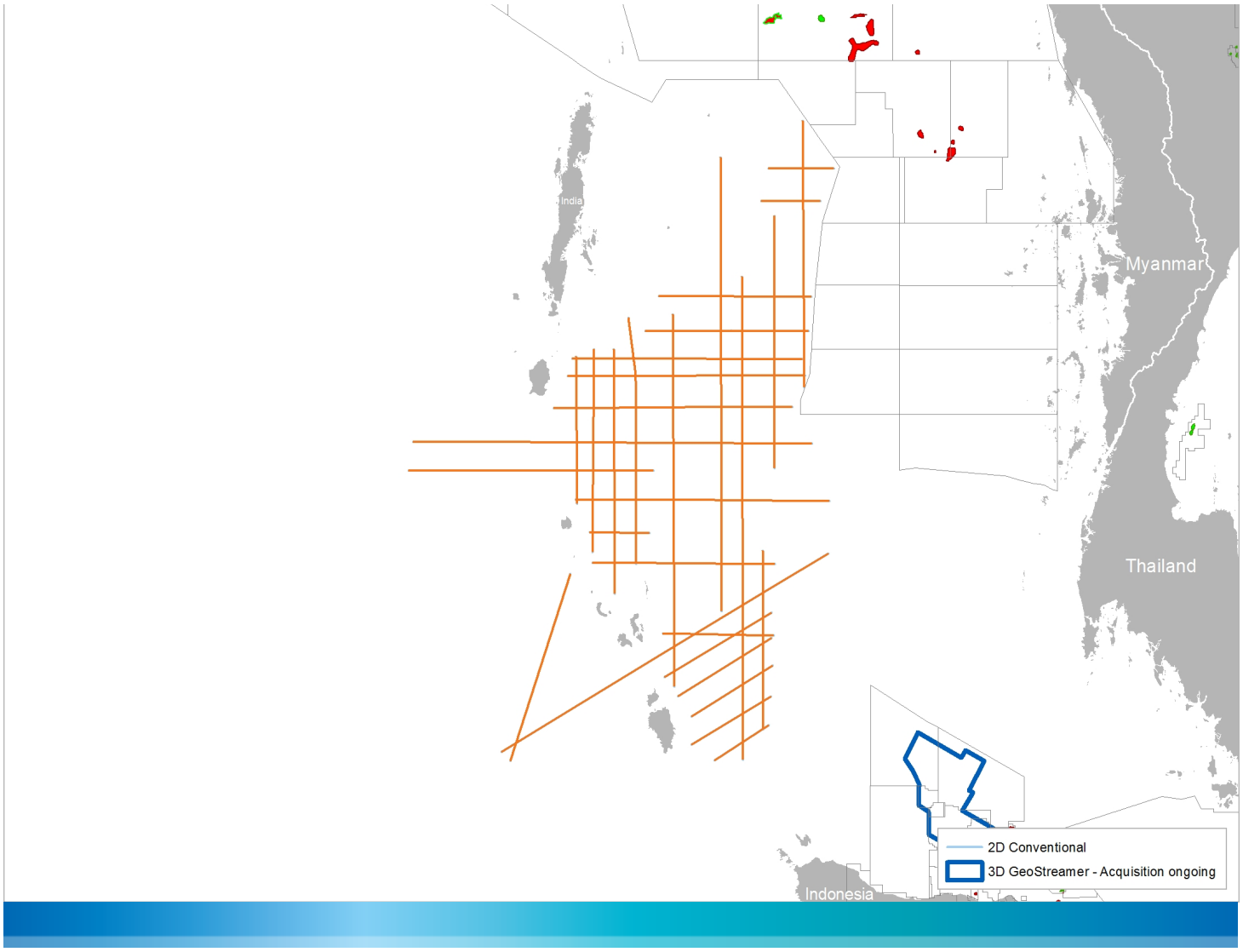

In partnership with:

DGH

Andaman Sea – India – 2008

Andaman Sea 2D

Long-offset dataset covering the under-explored Andaman Basin

The survey was designed to image areas to the east of the Andaman Island and in the Central Andaman Trough, where no data existed previously, providing a step change in the understanding and development of this complex and under-explored basin.

Long offset data images deep features and defines the basin architecture to aid in defining potential source and migration pathways. Modern seismic provides better resolution of carbonate and clastic reservoirs related to channels and fans.

Optimized imaging reveals a petroleum system and highlights potential traps. Long-offset data images deep features and defines the basin architecture to aid in defining potential source and migration pathways in addition to the tectonic development of the basin.

Andaman Sea 2D

SURVEY SUMMARY

Type: 2D
Geometry: Standard
Size: 7 240 km
Acquisition year: 2008
Completion of processing: 2009
Water depth: 40-4400 m
Shooting direction: Various
Vessel: Zephyr
In partnership with: DGH

ACQUISITION PARAMETERS

Number of streamers: 1
Streamer length: 8 100 m
Shot interval: 25 m
Record length: 9 000 ms
Source depth: 6 m
Sample rate: 2 ms
Bin dimensions (Acquisition): 6.25 m
Bin dimensions (Processing): 12.5 m

PROCESSING AND DELIVERABLES

Processing: 2D surface related multiple elimination (SRME), High resolution radon demultiple, Kirchhoff prestack time migration (PSTM)

Time products: Final Kirchhoff PSTM Stack, Angle stack near, Angle stack far, PSTM gathers, Stacking velocity, Migration velocity

Additional products: Structural report, Gravity