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PROJECT EXPRESS (A fast-track 3D seismic program)

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ESSO Production Malaysia Inc.

ESSO Production Malaysia Inc. (EPMI) acquired four 3D surveys totalling 35,000 full fold kms with an aggressive project turnaround time to meet the needs for an accelerated reserve analysis and development planning for gas fields in Malaysia. To meet these challenges, PROJECT EXPRESS was designed to complete acquisition, processing and loading the 3D data onto GEOQUEST workstations within 30 days after the last shot-point for each survey. The normal turnaround time for 3D data acquisition and processing in Malaysia is generally between 6–7 months. Extensive preparation and contingencies were laid out during pre-survey planning between EPMI, EEC and geophysical contractor (GECO). All anticipated risk areas in data acquisition, processing and data loading were addressed and back-up plans were in place, resulting in a successful operation.