Spectrum and PGS join forces on East Greenland Multi-Client Project

Spectrum and Petroleum Geo Services (PGS) have completed reprocessing 7,357km of 80’s vintage 2D seismic data offshore the south east coast of Greenland. The significant improvement in data quality that has been achieved reflects the combined processing experience of the two companies.

The seismic data is located offshore south eastern Greenland between 62 and 72 degrees latitude. This area includes the southern part of the East Greenland rift basin. A 2007 US Geological Survey (USGS) assessment over this province indicated undiscovered oil and gas reserves of 31,400 MMBOE (million barrels of oil equivalent).

East Greenland forms the conjugate margin to the Norwegian continental shelf, Faroe-Shetland Islands and Rockall Basins. It is anticipated that analogues of successful play types found in these relatively well explored petroleum provinces can be extrapolated into East Greenland.
This offshore area is considered frontier in hydrocarbon exploration terms, with only limited, regional, wide-spaced 2D seismic lines available and only a few Ocean Drilling Program (ODP) wells drilled.

Using contemporary techniques perfected for sub-basalt imaging in the UK Atlantic Margin and offshore India West Coast, Spectrum and PGS were able to improve definition of the pre-Tertiary basalt sedimentary section. This reprocessed seismic data is now available as a final Pre-Stack Time Migrated product from both Spectrum and PGS.

**About Spectrum**
Spectrum provides seismic data processing, Multi-Client surveys and offshore seismic data acquisition services to the global oil and gas industry from offices in the UK, USA, China, Egypt, Australia and Singapore.

Spectrum offers 2D and 3D, land and marine seismic data processing in both depth and time.

All statements in this press release other than statements of historical fact are forward-looking statements and are subject to a number of risks, uncertainties and assumptions that are difficult to predict and are based on assumptions as to future events that may not prove accurate.

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**Notes to editor**
JPEG map available upon request.