Denmark 3D

PROGRAM OVERVIEW

Denmark 3D is a new multi-client reimaging program offshore Denmark that is ideally suited for upcoming biannual license rounds, the ninth of which is expected to open in 2020. The initial 2,200 sq km phase of the 10,250 sq km program is aligned with the Danish Energy Agency's objective to boost exploration activity by providing a modern, affordable 3D depth-imaged data set.

Commercial

The North Sea is one of the most prolific hydrocarbon basins in the world and the Danish sector has been producing oil and gas for nearly five decades. As a stable and attractive oil and gas investment area with an estimated 3 billion barrels of reserves, the fresh turnover of block and new players provides an exciting opportunity for a regional depth-imaged 3D survey to help drive a new wave of exploration success.

Geological

Denmark 3D provides solutions to imaging challenges associated with the HPHT prospectivity, Chalk-Jurassic interface and new emerging Palaeozoic play types. ION is leveraging proprietary processing experience and latest processing flows to tackle these challenges to provide a product that will support the industry as they seek to maximize the value of these remaining reserves.

KEY COMPONENTS

→ Phase 1A/POC- Raw PSDM complete December 2019

→ Phase 1A/POC- Full flow PSDM completion in time January 2020 for the 9th license round.

→ Improved imaging over vintage datasets

→ Continuous survey for regional interpretation

ABOUT BasinSPAN™

BasinSPAN surveys are geologically inspired, basin-scale seismic data programs acquired and depth-imaged using the most advanced geological and geophysical processing tools available. They provide upstream companies with the ability to evaluate the geologic evolution, deep basin architecture and depositional and structural histories of entire petroleum systems in a region. Our global 2D BasinSPAN library consists of data from virtually all major offshore petroleum provinces providing asset managers significant risk mitigation as they develop exploration and appraisal programs with greater confidence.

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