

Fourth Acquisition on North Sea EKOFISK Seismic Programme

CGGVeritas, France, will begin acquiring a fourth repeat survey (LoFS04) on the Ekofisk field in the North Sea as part of the multi-year Life-of-Field Seismic (LoFS) programme for which it was awarded both the seismic data acquisition and processing.

Mobilisation is scheduled for early June 2012, and the shooting period will last approximately one month in accordance with the LoFS program schedule. The programme is being acquired with a four-component (4C) fibre-optic permanent reservoir monitoring (PRM) solution, deploying 16,000 Sercel OPTOWAVETM ocean-bottom channels. More than two years after the full-scale fibre-optic installation all channel sensors are providing data that is being utilised to provide 4D reservoir monitoring images to the client.

Quality Control and processing of the data from each repeat survey is performed by a team of CGGVeritas acquisition and processing specialists based in the client's dedicated processing centre in Tananger (Norway). In addition to the full optical sensor network trenched at the seafloor, a fibre-optic connection to the shore allows real-time remote operation. CGGVeritas imaging experts are drawing on their experience and expertise in processing multi-component 4D data to generate high-resolution time-lapse seismic images of the reservoir.

<https://www.hydro-international.com/content/news/fourth-acquisition-on-north-sea-ekofisk-seismic-programme>
