



Call for Nominations NL13-01LS (Areas of Interest)

Labrador South Region Overview

The Labrador South Region lies offshore of the southern portion of Labrador. The water depth increases eastward from the coast, grading from shallow to ultra-deep. The Labrador South Region encompasses portions of several basins that range in their levels of exploration activity. The majority of the 2D seismic coverage and all wells drilled in the Labrador South Region fall within the Hopedale Basin. Situated on the Continental Shelf, this makes the Hopedale Basin the most explored basin in this region. The relatively unexplored Chidley, Hawke and Holten basins lie eastward in deeper water. To date, most prospects in this region have targeted structural plays involving Tertiary, Cretaceous and Paleozoic reservoirs. In addition to structural plays, stratigraphic traps have been seismically mapped in the region.

2D seismic acquisition began in Labrador in the late 1960s and continued steadily until the mid 1980s. Following a hiatus, modern 2D seismic acquisition resumed in 2002 and continues to the present. There is no 3D coverage in the offshore Labrador.

There are 19 wells drilled in the Labrador South Region, all drilled in the Hopedale Basin from 1971 to 1983. Seventeen of these wells were classified as exploration with two designated as delineation. Subsequent to the drilling and testing of multiple discovery wells, four Significant Discovery Licences were awarded. Drilling and testing of Bjarni H-81 in 1973, Gudrid H-55 in 1974, Hopedale E-33 in 1978, and North Bjarni F-06 in 1980 resulted in the awarding of SDLs 184, 203, 185A and 185B respectively. In total, resources of 4244 BCF of gas and 122 MMbbls of natural gas liquids are identified for these discoveries by the C-NLOPB. The two delineation wells drilled in the region are Herjolf M-92 in 1976 and Bjarni O-82 in 1979.

The Labrador South Region is classified as Low Activity. This region has resource potential but no wells have been drilled since 1983. Released seismic coverage is regional and historical exploration work has been focused on the continental shelf and the Hopedale Basin. Interest has been renewed with a successful Call for Bids in 2007 and recent seismic acquisition on the Labrador Shelf that continues into the deeper waters eastward. Being a Low Activity Region a 4-Year Cycle model for a Call for Nominations and Call for Bids process will occur for the Labrador South Region.