

Development and use of the shotpoint location system in the Newfoundland offshore area

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The Canada-Newfoundland Offshore Petroleum Board is the joint federal/provincial authority responsible for the administration of regulations pertaining to all exploration for and production of hydrocarbons in the Newfoundland offshore area. Over 300 geophysical seismic programs have been recorded offshore since exploration began in 1964, with more than 500,000 line km of 2-D and 3-D seismic data acquired. The Shotpoint Location System was developed jointly

with the Canada Oil and Gas Lands Administration to allow effective management of this large amount of data. Shotpoint location and statistical information is stored in an Oracle database and accessed through customised screens and routines. Output is in report and/or map format and may include locations of seismic lines, wells, land and feature information. The application is used to provide information for both in-house and external data requests.