Wave Tank Tests to Determine the Effectiveness of Corexit 9500 Dispersant on Hibernia Crude Oil under Cold Water Conditions

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Abstract
The results of meso-scale dispersant effectiveness testing completed in December 2001, in SL Ross's wave tank are presented. The tests investigated the effectiveness of Corexit 9500 on fresh and evaporated (9, 12 and 28 % by volume) Hibernia crude under cold water conditions (0° to 1°C). The test results indicate that Hibernia crude oil spills will be amenable to chemical dispersion in cold, winter conditions (1°C) until the oil loses about 10% by volume through evaporation.