

# MMS Alaska OCS Region Technical Announcement

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**December 9, 2002**

*Alternative Oil Spill Occurrence Estimators for the Beaufort and Chukchi Seas—Fault Tree Method*

The Minerals Management Service (MMS) recently released an Environmental Study report entitled *Alternative Oil Spill Occurrence Estimators for the Beaufort and Chukchi Seas—Fault Tree Method* by Dr. Frank Bercha of the Bercha Group. Using fault trees, base data from the Gulf of Mexico were adapted and augmented to estimate Arctic offshore oil spillage frequencies. The resulting spillage frequencies will be used by MMS in oil-spill trajectory modeling for proposed future offshore oil and gas lease sales in the Beaufort and Chukchi seas. The report and appendices describe the methodology, assumptions, and results of the fault tree analyses.

**For Information:**

This report, OCS Study MMS 2002-047, is available on CD-ROM (pdf) from the Minerals Management Service, Alaska OCS Region, Information Resource Center, 949 East 36th Avenue, Room 330, Anchorage, Alaska 99508-4363. Copies are available free of charge, as long as the supply lasts, from the above address or can be downloaded from [www.mms.gov/alaska/ref/Pubsreadingroom.htm](http://www.mms.gov/alaska/ref/Pubsreadingroom.htm). Telephone requests may be placed at 1-800-764-2629 or (907) 271-6438. Once the limited supply is gone, copies will be available from the National Technical Information Service, Springfield, Virginia 22161, or may be inspected at selected Federal Depository Libraries.