

# Outer Continental Shelf Environmental Assessment Program

**Final Reports of Principal Investigators**

**Volume 50**

**December 1986**



**U.S. DEPARTMENT OF COMMERCE**  
National Oceanic and Atmospheric Administration  
National Ocean Service  
Office of Oceanography and Marine Assessment  
Ocean Assessments Division  
Alaska Office



**U.S. DEPARTMENT OF THE INTERIOR**  
Minerals Management Service  
OCS Study, MMS 86-0112

LIBRARY REFERENCE VOLUME  
ENVIRONMENTAL STUDIES BRANCH  
MINERALS MANAGEMENT SERVICE  
DEPARTMENT OF THE INTERIOR  
WASHINGTON, D.C.

"Outer Continental Shelf Environmental Assessment Program Final Reports of Principal Investigators" ("OCSEAP Final Reports") continues the series entitled "Environmental Assessment of the Alaskan Continental Shelf Final Reports of Principal Investigators."

It is suggested that sections of this publication be cited as follows:

Hampton, M. A. and W. J. Winters. 1983. Geotechnical framework study of the northern Bering Sea, Alaska. U.S. Dep. Commer. , NOAA, OCSEAP Final Rep. 50(1986) :1-386

Karl , H. A. and P. R. Carlson. Seafloor hazards and related surficial geology, Navarin Basin Province, northern Bering Sea. 1983. U.S. Dep. Commer. , NOAA, OCSEAP Final Rep. 50 (1986): 387-636

Hampton, M. A. 1983. Geotechnical framework study of Shelikof Strait, Alaska. U.S. Dep. Commer. , NOAA, OCSEAP Final Rep. 50(1986):637-760

OCSEAP Final Reports are published by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Ocean Service, Office of Oceanography and Marine Assessment, Ocean Assessments Division, Alaska Office, Anchorage, and primarily funded by the Minerals Management Service, U.S. Department of the Interior, through interagency agreement.

Requests for receipt of OCSEAP Final Reports on a continuing basis should be addressed to:

NOAA-OMA-OAD  
Alaska Office  
701 C Street  
P.O. BOX 56  
Anchorage, AK 99513

OUTER CONTINENTAL SHELF  
ENVIRONMENTAL ASSESSMENT PROGRAM  
FINAL REPORTS OF PRINCIPAL INVESTIGATORS

Volume 50

December 1986

U.S. DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration  
National Ocean Service  
Office of Oceanography and Marine Assessment  
Alaska Office

U.S. DEPARTMENT OF THE INTERIOR  
Minerals Management Service  
Alaska OCS Region  
OCS Study, MMS 86-0112

Anchorage, Alaska

The facts, conclusions, and issues appearing in these reports are based on research results of the Outer Continental Shelf Environmental Assessment Program (OCSEAP), which is managed by the National Oceanic and Atmospheric Administration, U.S. Department of Commerce, and funded (wholly or in part) by the Minerals Management Service, U.S. Department of the Interior, through an Interagency Agreement.

Mention of a commercial company or product does not constitute endorsement by the National Oceanic and Atmospheric Administration. Use for publicity or advertising purposes of information from this publication concerning proprietary products or the tests of such products is not authorized.

Content of these reports has not been altered from that submitted by the Principal Investigators. In some instances, minor grammatical, spelling, and punctuation errors have been corrected to improve readability; some figures, charts, and tables have been enhanced to improve clarity in reproduction.

Outer Continental Shelf Environmental Assessment Program  
Final Reports of Principal Investigators

VOLUME 50

DECEMBER 1986

C O N T E N T S

M. A. HAMPTON and W. J. WINTERS: Geotechnical framework study of the northern Bering Sea, Alaska. . . . .	1
H. A. KARL and P. R. CARLSON: Seafloor hazards and related surficial geology, Navarin Basin Province, northern Bering Sea . . . . . , . . . . .	387
M. A. HAMPTON : Geotechnical framework study of Shelikof Strait, Alaska. . . . .	637