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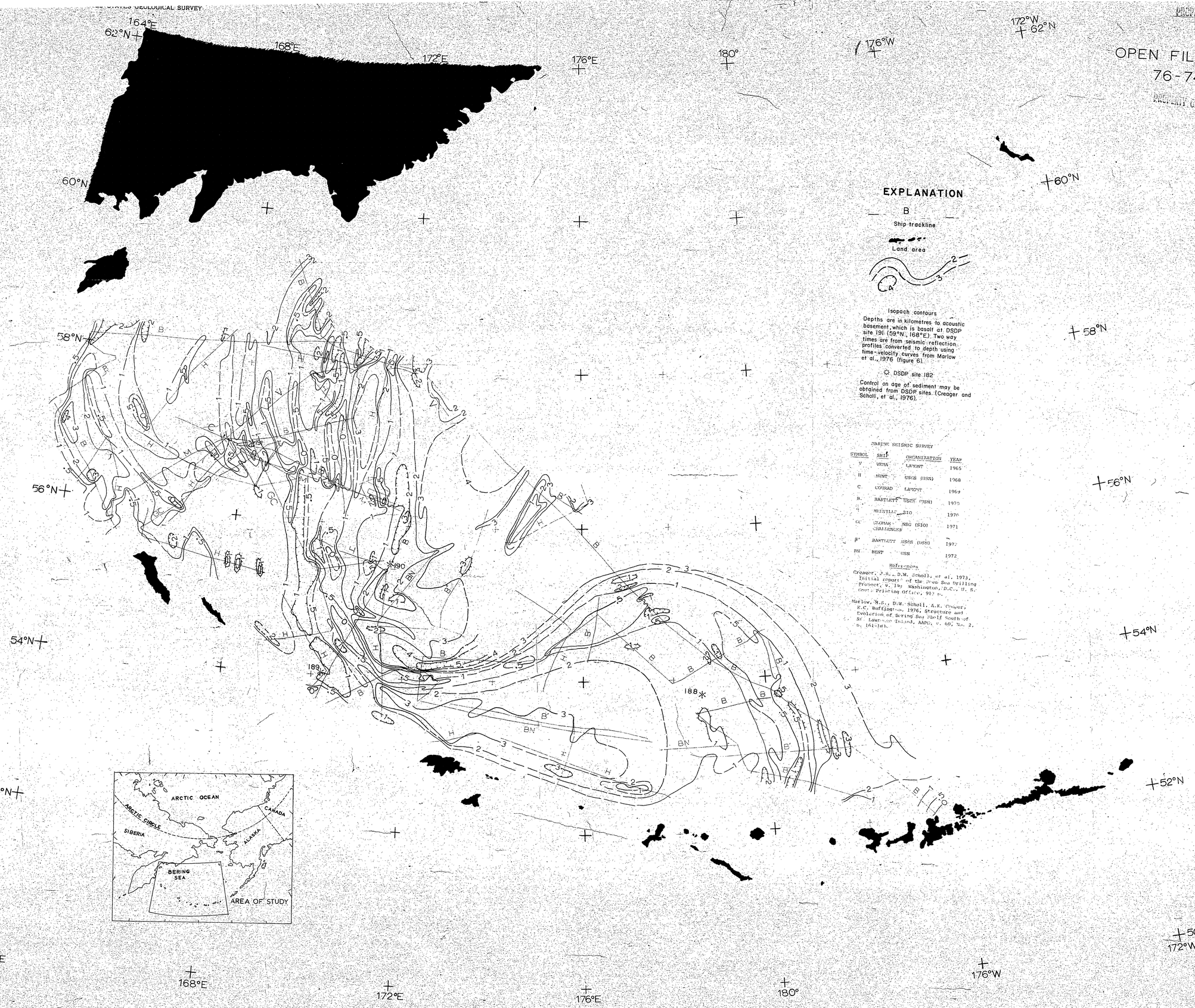

EXPLANATION

B

Ship trackline

Land area

Isopach contours

Depths are in kilometres to acoustic basement, which is basalt at DSDP site 191 (59°N., 168°E). Two way times are from seismic reflection profiles converted to depth using time-velocity curves from Marlow et al., 1976 (figure 6).

☼ DSDP site 182

Control on age of sediment may be obtained from DSDP sites. (Creager and Scholl, et al., 1976).

MARINE SEISMIC SURVEY

SYMBOL	SHIP	ORGANIZATION	YEAR
V	VEMA	LAMONT	1965
H	HUNT	USGS (USN)	1968
C	CONRAD	LAMONT	1969
B.	BARTLETT	USGS (USN)	1970
M	MELVILLE	SIO	1970
GC	GLOMAR CHALLENGER	NSG (SIO)	1971
B'	BARTLETT	USGS (USN)	1972
BN	BENT	USN	1972

References

Creager, J.S., D.W. Scholl, et al, 1973, Initial reports of the Deep Sea Drilling Project, v. 19; Washington, D.C., U. S. Govt. Printing Office, 913 p.

Marlow, M.S., D.W. Scholl, A.K. Cooper, E.C. Buffington, 1976, Structure and Evolution of Bering Sea Shelf South of St. Lawrence Island, AAPG, v. 60, No. 2, p. 161-183.

Transverse Mercator Projection
SCALE 1:2,009,569

0 50 100 Nautical Miles

0 50 100 Kilometres

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey standards and nomenclature.

PRELIMINARY ISOPACH MAP OF THE BERING SEA BASIN

BY

Alan K. Cooper, Kimberly A. Bailey, Michael S. Marlow,
David W. Scholl, and Carrie E. Carpenter

1976

U.S. GEOLOGICAL SURVEY
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