



Map showing locations of continuous seismic profiler (CSP) lines of the Atlantic Continental Shelf and Slope, North sheet (Nova Scotia to New York City), filed with the National Oceanographic Data Center

The U. S. Geological Survey and the Woods Hole Oceanographic Institution have been cooperating since 1962 in a systematic study of the marine geology of the continental shelf and slope off the Atlantic Coast of the United States. A major part of this study has been the gathering of continuous seismic profiler (sparker) records.

Copies of all records will be filed with the National Oceanographic Data Center, Building 160, Washington Navy Yard, Washington, D. C. 20390, where they may be consulted or ozalid copies may be obtained at cost.

This index map shows the location, the number (circled), date, and times of the first group of records to be filed with the National Oceanographic Data Center. Copies of this map may be obtained from the NODC at cost. The area of the map corresponds to that of the North sheet of the three-sheet set MI 451, Map showing relation of land and submarine topography, Nova Scotia to Florida, by Elazar Uchupi, published by the U. S. Geological Survey.

All records were taken using as sound source a sparker of 10,500 watt-second storage energy. The return signal, received on one of several types of hydrophones, was amplified, filtered, and printed out on a Precision Graphic Recorder (PGR), or, for the records of the first cruises, a Precision Depth Recorder (PDR). The PGR produces a record on translucent paper that was copied by the diazo process, and the PDR produces an opaque record reproduced from film onto photographic paper. The National Oceanographic Data Center will hold master copies for inspection and reproduction. Prints from the master copies will be about the same size as the original: the signal portion of the PGR record will be about 13 1/4 inches wide, and of the PDR record will be about 18 inches wide.

LOCATIONS OF CONTINUOUS SEISMIC PROFILER (CSP) LINES U.S.G.S.—W.H.O.I.

U.S. Geological Survey
OPEN FILE MAP
This map is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.

accompanies I-451, North sheet