

76010

Cruise Report

R/V OCEANUS

April 15-18, 1976

Brad Butman

USGS

Ship: R/V OCEANUS

Cruise No. 4

Area of Operation: Middle Atlantic Bight
(Woods Hole - Woods Hole)

Dates: 1100 April 15 - 1300 April 18, 1976

Personnel:

R. C. Beardsley	W.H.O.I.
B. Butman	U.S.G.S.
J. Vermersch	W.H.O.I.
M. Noble	U.S.G.S.
A. Eliason	
G. Tupper	W.H.O.I. Buoy Group
P. Clay	W.H.O.I. Buoy Group

Purpose and Summary

The objectives of the OCEANUS cruise were to:

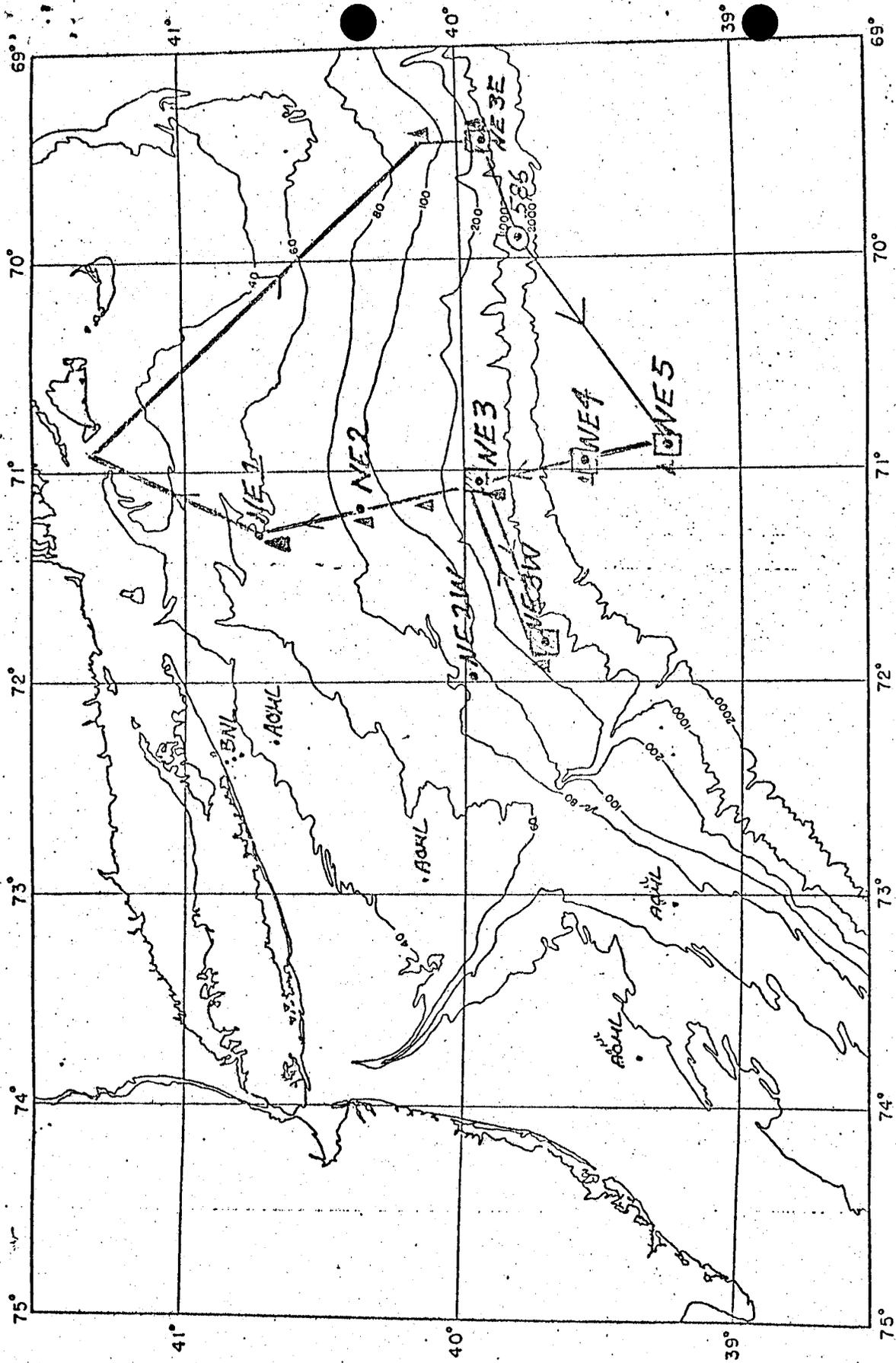
1. Conduct topographic surveys around deep current meter moorings in NSF array using PG.R.
2. Locate current moorings accurately.
3. Conduct hydrographic stations around moorings (XBT and CTD).
4. Test Plessey CTD system and XCTD system.
5. Recover W.H.O.I. buoy group engineering mooring.

Narrative:

April 15	Depart Woods Hole
	Topographic Survey at NE3E
	Hydrographic observations
April 16	Recover W.H.O.I. engineering mooring
	Topographic survey at NE5, NE4
	Hydrographic observations
April 17	Topographic survey at NE4
	Hydrographic observations
	Topographic survey at NE3A & B
	Topographic survey at NE3W
April 18	Hydrographic observations
	Arrive Woods Hole

Tabulated Information:

a. Days at sea	4
b. Working days	4
c. Ship track	950 nm
d. Continuous data (PG,R)	500 nm
e. Hydrographic stations	31 ✓
XBT's	31 ✓
CTD	13 ✓
XCTD	5



Cruise Track for OCEANUS April 15-18, 1976

Mooring locations designated NE1-NE5

Bathymetric surveys indicated by square