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CRUISE REPORT  
TUG WHITEFOOT  
12 - 14 Dec. 1978

Brad Butman  
U.S.G.S.  
Woods Hole, MA

Vessel: Tug WHITEFOOT

Dates: Depart Woods Hole, 7 Dec. 1978  
Arrive Georgetown, S.C. 11 Dec. 1978  
Depart Georgetown, S.C. 13 Dec. 1978  
Return Georgetown, S.C. 13 Dec. 1978  
Depart Georgetown, S.C. 14 Dec. 1978  
Arrive Woods Hole 20 Dec. 1978

(Detour for another charterer)

Personnel:

Ray Campbell	Captain
Brad Butman	Chief Scientist, U.S.G.S.
Bill Strahle	Engineer, U.S.G.S.

Objective:

The objective of the WHITEFOOT cruise was to recover a bottom tripod system. The instrument package had not been recovered as planned on an earlier cruise due to an unknown failure in the recovery system. We planned to recover the system by grappling. An unsuccessful attempt to recover the system by grappling had been made on the ISELIN cruise in November.

U.S.G.S. personnel were onboard for the tripod recovery only, and did not transit with the vessel.

Narrative:

0000	13 Dec.	Depart Georgetown
0700		Arrive mooring location
0730		Tripod system tipped - commence grappling for tripod system
1130		Tripod on deck
1300		Recover surface buoy
1500		Underway to Georgetown
2300		Arrive Georgetown

Weather on the 13 was ideal for the recovery operation

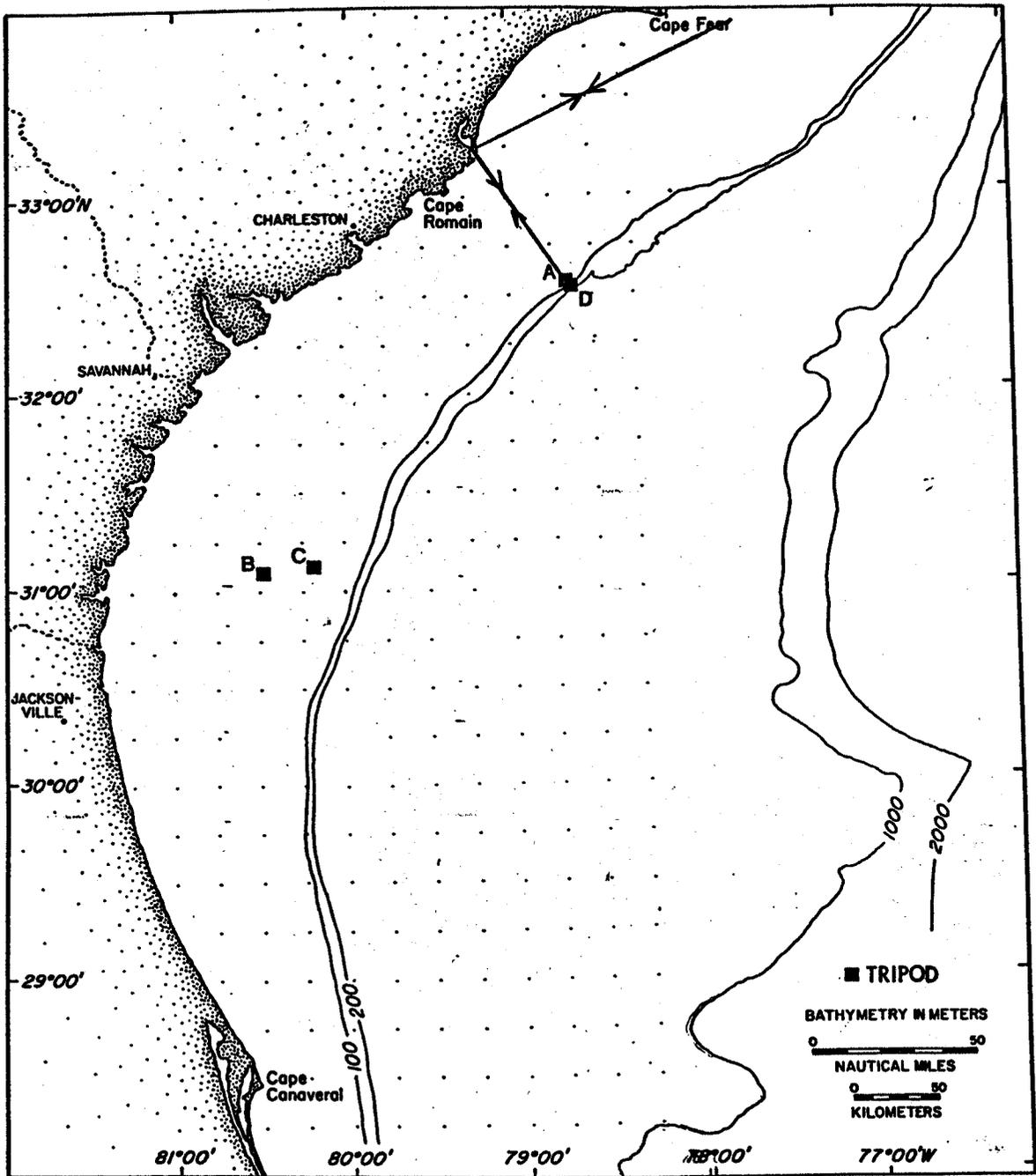
Tabulated information:

a. Days at sea with U.S.G.S. personnel	1
Days at sea (transit)	~10
b. Moorings recovered	1
mooring 153 (Tripod)	
32° 32.5'N 78° 37.5'W	
86 m depth	

Instrument condition:

The tripod system was generally free of biological growth. The penetrators in the camera, strobe, and battery had severely corroded, and the entire system flooded. The film was not entirely wet however and has been sent for processing.

This recovery terminates the bottom sediment transport observation in the South Atlantic Bight for FY-1979.



Cruise Track, Tug WHITEFOOT 13 Dec., 1978  
 (Transit from Woods Hole not shown)