

SNDS
#93012

U.S. Geological Survey
BRANCH OF ATLANTIC MARINE GEOLOGY
QUISSETT CAMPUS
WOODS HOLE, MA 02543

UNITED STATES GOVERNMENT MEMORANDUM

Date: July 1, 1993

To: Distribution

From: David Foster

Subject: Cruise Report

Vessel: 22 ft. R/V SANDSEEKER (Western Michigan University)
Cruise number: SNDS93-1
Dates: 21-25 June, 1993
Ports: North Point Marina, Ill. (mobilize), Kenosha, Wisc., Racine, Wisc., S. Milwaukee, Wisc.

Personnel: D. Foster, USGS, Woods Hole, MA (Scientist)
D. Folger, USGS, Woods Hole, MA (Scientist)
B. Irwin, USGS, Woods Hole, MA (Navigator)
A. Brill, USGS, Woods Hole, MA (Scientist)
D. Seng, Western Michigan University (Boat Operator)
R. Zenero, Western Michigan University (Student)

Equipment: Osprey video system & SQUID (small, quick-deployed, underwater investigation device)
-deck cable only
-8 mm VCR
Shipek grab sampler, Deets-Lafonde Snapper Grab
Gas power winch
Honda generator (1kw)
DGPS navigation system using NOS Wind Point Station

Data: Bottom sediment samples and video were collected to verify interpretation of the NPTN93-1 sidescan sonar data. A total of 102 sediment sampling stations were occupied and 92 samples were recovered for analysis (see attached map). Bottom

Video was collected at 26 stations (see attached map) using Ken Parolski's newly designed sled (SQUID). Video was recorded when the SQUID was deployed on station and while drifting along the bottom.

cc: B. Butman, T. O'Brien, D. Folger, A. Brill, R. Laton,
B. Irwin, A. Sallenger, J. Williams, N. Soderberg,
D. Seng, R. Zenero, K. Parolski

