94034

USGS Post-Cruise Report

Cruise: MARL 94-1
Western Gulf of Maine Mooring Deployment

Dates: March 24-26, 1994

Personnel: Joe Newell
Marinna Martini
Rich Signell
Bill Strahle
Rick Rendigs
Carol Parmenter

Vessel: R/V Marlin

Log: Thursday, March 24, 1994

1900 EST: Departed Boston, MA (Black Falcoln Terminal)

Friday, March 25

0630 EST: Arrive at Kennebec Current Mooring site and begin bathymetric survey

0825 EST: Begin deployment of current meter mooring

0927 EST: Anchor dropped at Kennebec current site.

Kennebec Currents:
latitude: 43d39.45'n (43.6575)
longitude: 69d36.80'w (-69.6133)
water depth: 76 m
Instruments: VMCM #409 w/Temp,Salt @ 5 m
=======tethers========
VACM #659 w/Temp,Salt @ 27 m (49 mab)
VACM #442 w/Temp,Salt @ 50 m (26 mab)

1005 EST: Tripod deployed at Kennebec Pressure site.

Kennebec Offshore Pressure:
latitude: 43d38.30'n (43.6383)
longitude: 69d35.67'w (-69.5945)
water depth: 98 m
Instruments: Paro Scientific #1703 w/Temp #1309 @ 1 mab

1525 EST: Anchor dropped at Cape Porpoise Offshore Current site

Cape Porpoise Offshore Currents :
latitude: 43d18.12'n (43.3020)
longitude: 70d15.30'w (-70.2550)
water depth: 87 m
Instruments: VMCM #206 w/Temp,Salt,Trans @ 5 m
=======tethers========
Tube Sed Trap GME7 w/poison @ 25 m (62 mab)
VACM #322 w/Temp,Salt @ 27 m (60 mab)
Anderson Trap GME9 w/poison @ 29 m (58 mab)
Tube Sed Trap GME8 @ 29 m (58 mab)
VACM #658 w/Temp,Salt @ 50 m (37 mab)

1815 EST: Anchor dropped at Cape Porpoise Inshore Current site

Cape Porpoise Inshore Currents :

latitude: 43d21.63'n (43.3605)

longitude: 70d19.34'w (-70.3223)

water depth: 39 m

Instruments: VMCM w/Temp,Salt,Trans @ 5 m

=======tethers=========

Tube Sed Trap GME10 w/poison@ 25 m (14 mab)

VACM w/Temp,Salt @ 26 m (13 mab)

Anderson Trap GME12 w/poison@ 28 m (11 mab)

Tube Sed Trap GME11 @ 30 m (9 mab)

Saturday, March 26

0200 EST: Arrive Boston Harbor

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Quissett Campus | "What you don't know CAN hurt you,
Woods Hole, MA 02543-1598 | only you won't know it. "