

U.S. GEOLOGICAL SURVEY-BRANCH OF ATLANTIC MARINE GEOLOGY

CRUISE REPORT

1. SHIP NAME (Parent vessel)/SUBMERSIBLE/OWNER-OPERATOR:
R/V Boston Whaler, courtesy of Massachusetts Water
Resource Authority(MWRA)
2. PRE-CRUISE SERIAL # AND/OR CRUISE-LEG: n/a MWRA 95041
3. PROJECT # AND NAME: n/a
4. FUNDING AGENCY: n/a
5. CONTRACT (If applicable): n/a
6. AREA OF OPERATIONS: Boston Harbor, Mass.
7. DATES AND PORTS OF CALL: 8-3-95;
Charlestown Navy Pier, Charlestown, Mass.
8. CHIEF SCIENTIST(S): R.Rendigs
9. SCIENTIFIC PARTY (Names,affiliations,cruise duties):
R. Rendigs(USGS),
Rob Rabidoeau(MWRA)
10. SHIP'S CAPTAIN (and affiliation): Rob Rabidoeau(MWRA)
11. PURPOSE OF CRUISE (brief statement)
Water sampling at selected navigational bouy sites
in Boston Harbor for geochemical baseline measurements.
12. NAVIGATION TECHNIQUES: Line of sight
13. SCIENTIFIC EQUIPMENT: Two liter Niskin Bottle and
collection bottles.
14. TABULATED INFORMATION:
DAYS AT SEA: 4 hours
CONTINUOUS DATA (in km): n/a
STATIONS OCCUPIED (stationary and underway): 2
SUBMERSIBLE DIVES (BY #): n/a
STATION INFORMATION:
Station number: 1
Date of occupation: 8-3-95
Latitude/Longitude: 42d 20.48'/70d 56.25'
Water depth: 65 feet
Sampling device (dive #): niskin bottle
Number and type of samples: 2
Remarks: one sample approx. 2 meters off the bottom;

and one sample 2 meters below the surface. This sample was taken about 2 hours after ebb tide commenced approx. 15 meters upstream from bouy "PR"(formally "G9" on the older 1986 nav. chart) in the Presidents Roads shipping channel. Time of collection--0910 local.

Station number: 2

Date of occupation: 8-3-95

Latitude/longitude: 42d 18.90'/70d 54.60'

Water depth: 35 feet

Sampling device: niskin bottle

Number and type of samples: 2

Remarks: One sample collected approx.

2 meters off the bottom; and one taken 2 meters below the surface. Samples collected on the ebb tide at about 1000 local time. The samples were collected about 20 meters upstream between bouys 7 and 7A in the Nantasket Roads shipping channel.

15. PAGE-SIZE TRACKCHART (including station & line #'s) n/a
16. SUBMITTED BY AND DATE: R.Rendigs/ 9-6-95