#95015

Return-Path: pv
To: nsoderberg
Subject: Cruise report for ANDR 9502, Stellwagen Bank
Date: Mon, 19 Jun 95 10:14:29 -0400
From: pv
X-Mts: smtp

BRANCH OF ATLANTIC MARINE GEOLOGY
U.S. GEOLOGICAL SURVEY
Woods Hole, MA 02543

CRUISE REPORT

June 19, 1995

Ship name: USV P.W. Anderson

Cruise no: 9502

Project: Stellwagen Bank NMS Mapping Project

Funding agency: 9470-31442
USGS, EPA

Areas of operations:
Stellwagen Bank

Cruise dates: May 5-7, 1995
Gloucester, MA to Gloucester, MA

Chief scientist:
Page Valentine

Scientific party:
Page Valentine, USGS
Dann Blackwood, USGS
Nancy Soderberg, USGS
Brent Taylor, USGS

Cruise purposes:
Acquire sediment samples and video and photographic images of the seabed that will be used to interpret sidescan sonar imagery and compile maps of Stellwagen Bank.

Navigation: GPS, and differential GPS

Scientific equipment:
Video and still photographic cameras
Van Veen sediment sampler

Days at sea: 3

Stations occupied:
(see attached sheets)
Sediment sample stations: 64 attempted, 53 successful
Bottom video/still camera stations: 3

Sample processing and archival:

Sediment grab samples, photographs, and video tapes will be processed and archived by the USGS, Woods Hole, MA.

Submitted by: Page Valentine, June 19, 1995

OSV P.W. Anderson cruise: ANDR9502 Stations

STA.	LAT. N	LONG. W	DEPTH m	Sample/Video
1033	42 9.6416	-70 4.8953	50.6	X/X
1034	42 9.2184	-70 6.5144	50	X/X
1035	42 8.9870	-70 8.2567	47.2	X/X
1036	42 8.6005	-70 9.7641	44.8	X/-
1037	42 7.5213	-70 11.1090	64	"
1038	42 7.2915	-70 12.2310	59	"
1057A	42 7.4258	-70 9.3681	54	"
1039	42 7.4217	-70 7.5233	48	"
1040	42 7.2617	-70 6.2819	48	"
1041	42 6.8582	-70 4.8738	46	"
1041A	42 6.8188	-70 4.9063	46	"
1042	42 7.2253	-70 2.5738	58	"
1047	42 14.1399	-70 2.7177	105	"
1049	42 13.4223	-70 2.1364	140	"
1050	42 13.4912	-70 4.6170	101	"
1051	42 15.6816	-70 3.5353	150	"
1053	42 17.0924	-70 1.9977	105	"
1054	42 17.1254	-70 4.5204	92.6	"
1055	42 16.1513	-70 5.9409	95	"
1056	42 16.2650	-70 6.7497	98	"
1052	42 15.6631	-70 9.6808	59	"
1058	42 15.6969	-70 10.3816	50	"
1059	42 15.6837	-70 11.0747	46	"
1060	42 15.6745	-70 11.8250	42	"
1062	42 14.8602	-70 14.7501	30	"
1063	42 14.8235	-70 14.0163	32	"
1064	42 14.8487	-70 13.2477	34	"
1065	42 14.8700	-70 12.5848	37	"
1066	42 14.8663	-70 11.9298	40	"
1067	42 14.8521	-70 11.3123	42	"
1068	42 14.8846	-70 10.6503	45	"
1069	42 14.8899	-70 9.9033	49	"
1070	42 14.9078	-70 9.2986	54	"
1071	42 14.9187	-70 8.5327	60	"
1072	42 14.2298	-70 8.2864	59	"
1073	42 14.2033	-70 8.9360	55	"
1074	42 14.1907	-70 9.6368	49	"
1075	42 14.1705	-70 10.4329	47	"
1076	42 14.1971	-70 11.1246	43	"
1077	42 14.1875	-70 11.7824	41	"
1078	42 14.2065	-70 12.3738	38	"
1079	42 14.1813	-70 13.0925	36	"
1080	42 14.1607	-70 13.8199	32	"
1081	42 14.1573	-70 14.5866	30	"
1082	42 14.1568	-70 15.2481	30	"

1083	42	[illegible]	[illegible]	[illegible]	29	"
1084	42	13.8959	-70	10.0099	37	"
1090	42	13.4981	-70	6.2585	100	"
1091	42	9.5998	-70	7.1896	51	"
1092	42	9.4805	-70	8.1757	51	"
1093	42	9.6545	-70	9.3938	52	"
1094	42	9.8540	-70	14.4969	43	"
1095	42	8.5883	-70	18.6040	59	"

X = sample; - = no samp