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CRUISE REPORT

R/V ASTERIAS

November 4 and December 5, 1985

Vessel: R/V ASTERIAS

Dates of Operation: Leg 1 - November 4, 1985
Leg 2 - December 5, 1985

Area of Operation: Buzzards Bay

Personnel:

John Moody	USGS	Brad Butman	USGS (Leg 2)
Bill Strahle	USGS	Ken Parolski	USGS (Leg 2)
John Larson	USGS	Cheryl Ann Butman	WHOI (Leg 2)
Val Wilson	WHOI	Charlotte Fuller	WHOI (Leg 2)
Terry Rioux	WHOI (Leg 1)		
Ernie Charette	WHOI (Leg 1)		

Narrative:

Leg 1: November 4, 1985

0825 EST	Depart WHOI dock as AII arrives all decked out.
0910	Arrived BBC; start to locate tripod.
0950	Divers in water.
1015	Divers up; no luck. Reposition descent buoy.
1030	Divers in water.
1049	Divers on surface.
1107	Divers in water.
1123	Divers on surface - no luck.
1210	Arrive WHOI dock.

Leg 2: December 5, 1985

0920 EST	Leave WHOI dock with enough equipment for a week.
1145	Descent buoy deployed in "center" of a "circle" of marker buoys with radius 37 m.
1159	Divers in water.
1226	Divers up and sidescan survey started.
1326	End sidescan survey (see fig. 1, table 1).
1350	Tripod #302 on deck.
1420	Arrive WHOI dock.

Tabulated information:

Day at sea:	0.4
Tripods recovered:	1.0
Sidescan data:	3.95 km

Table 1. - Sidescan survey at BBC, December 5, 1985.

Time		Loran TD	Loran TD	Comment
1252	1	14178.5	43967.1	Line 1
1254	2	14179.8	43967.1	Tripod
1256	3	14181.0	43967.1	Turn
1258	4	14180.8	43966.4	
1300	5	14179.6	43966.5	Start line 2
1302	6	14179.6	43967.0	Tripod
1304	7	14179.6	43968.0	
1306	8	14179.6	43969.0	End line 2
1308	9	14179.0	43969.6	
1310	10	14178.4	43968.7	
1312	11	14178.0	43967.8	
1314	12	14178.4	43967.0	
1316	13	14179.5	43966.7	Tripod
1318	14	14181.5	43966.4	End line 3
1320	15	14180.6	43966.9	Start 4
1322	16	14179.3	43967.5	
1324	17	14178.1	43968.0	

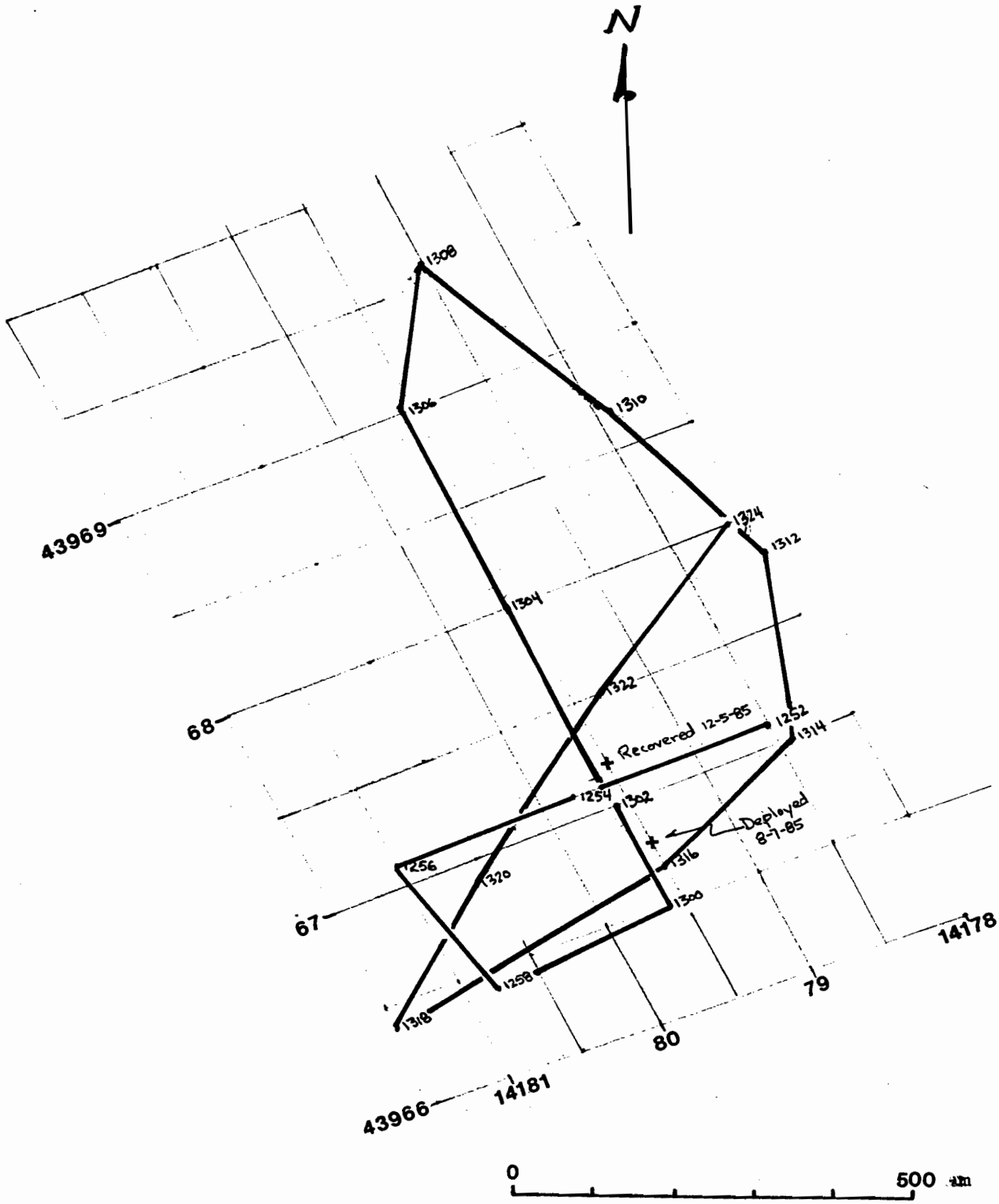

Figure 1. Sidescan survey in Buzzards Bay at station BBC(tripod 302) on Dec. 5, 1985