Received 8/16/85

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Cruise Report: Gulf of Maine, 1985

1.	Ship's Name:	R.V. Seward Johnson and Johnson-Sea-Link submersible; Harbor Branch Foundation, Ft. Pierce, Florida.
2.	Project:	Assessment of Distribution, Abundance and Habitat Ecology of Lobsters in the Offshore Gulf of Maine.
3.	Funding Agency:	NOAA
4.	Area:	Northern Gulf of Maine
5.	Dates:	June 22-29 1985; Boothbay Harbor, Maine and return.
6.	Chief Scientist:	J.R. Uzmann, NMFS
7.	Scientific Party:	P.C. Valentine, U.S.G.S. T. Meyer, NOAA M.J. Fogarty, NMFS R.B. Theroux, NMFS R. Langton, Maine DMR J. Krouse, Maine DMR D. Pezzack, Canada Dept. Fisheries and Oceans D. Duggan, Canada Dept. Fisheries and Oceans
8.	Ship's Captain:	William Westcott
9.	Purpose of Cruise:	(1) Determine abundance of lobsters and lobster shelters in selected areas of the northwest region of the Gulf of Maine (Jordan Basin). (2) Describe and record the geological and sedimentary features of the sea floor at all dive locations; collect sediment samples for grain size analysis and qualitative infaunal samples.
10.	Navigation:	Loran-C (Northstar 7000)
11.	Scientific Equipment:	Submersible with film and video cameras; faunal and sediment samplers; lobster pots.
12.	Days at Sea: Stations occupied: Submersible dives:	8 7 10 (JSL2-1089 to JSL2-1098) (film and video employed on all dives).

Sta. No.	Date	L/L	Depth (m)	Device	Samples
3	6-23-85	43°39.74' 67°30.00'	221	Submersible	2 sed. samples
3	6-24-85	43°39.74' 67°30.00'	221	Submersible	1 sed. sample
5	6-25-85	43°58.23' 67°26.86'	187	Submersible	3 sed. samples
15	6-25-85	44°84.36' 67°35.75'	201	Submersible	2 sed. samples
6	6-26-85	44°08.22' 67°26.87'	242	Submersible	4 sed. samples
16	6-27-85	44°16.22' 66°16.79'	53	Submersible	2 sed. samples
17	6-27-85	44°09.87' 66°13.61'	24	Submersible	2 sed. samples
18	6-28-85	44°03.56' 66°13.96'	18	Submersible	2 sed. samples

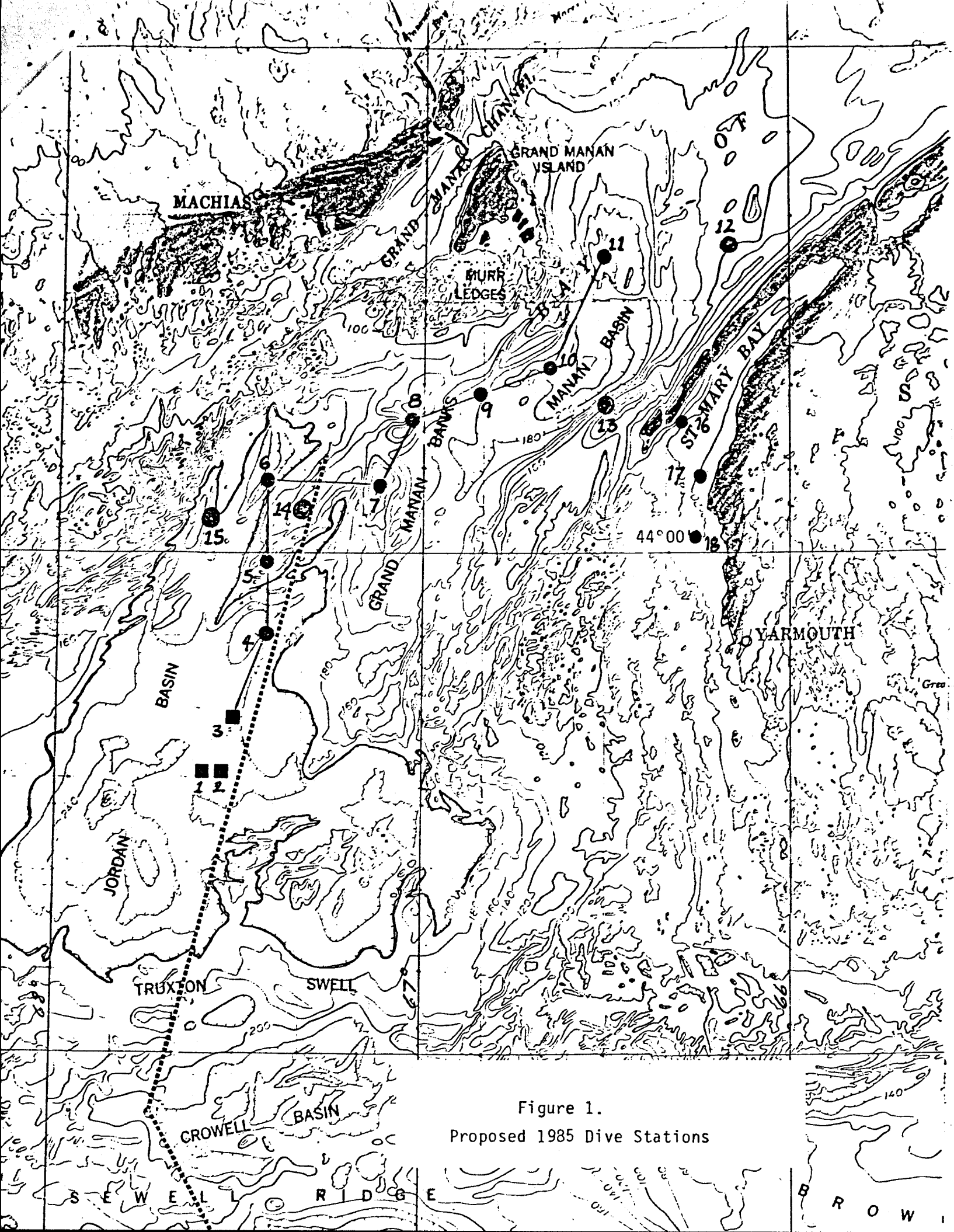

Figure 1.
Proposed 1985 Dive Stations