1981 Report (corrected)

81025

CRUISE REPORT

Ship Name: RV Johnson, Harbor Branch Foundation, Ft. Pierce, Florida.

Submersible Name: Johnson-Sea-Link

Project: Georges Bank and submarine canyon baseline and monitoring studies in oil and gas exploration areas.

Funding agency: NOAA

Area: Georges Bank and Canyons

Cruise Dates: July 10-21, 1981

Chief Scientist: R.A. Cooper, National Marine Fisheries Service.

Scientific Party: R.A. Cooper, NMFS
J.R. Uzmann, NMFS
Kenneth Pierce, NMFS
Andrew Shepard, NMFS
Roger Clifford, NMFS
Alan Hulbert, Univ. New Hampshire
Page Valentine, USGS

Ships Captain: George Chapman

Purpose of Cruise: Revisit permanent monitoring stations established in July-August 1980 on Georges Bank and in Lydonia Canyon. Establish 2 new stations in Oceanographer Canyon. Conduct photographic surveys for qualitative and quantitative analysis of megafauna. Collect faunal and substrate samples for pollutant analysis. Collect substrate samples to define infaunal populations and for sediment size analysis.

Navigation: Loran-C, Northstar 6000.

Scientific equipment: Submersible, underwater cameras and TV, sediment collecting apparatus on sub.

No. of stations occupied: 8

No. of submersible dives: 21

Station	Date	Lat. N	Long. W	Water Depth	Dive Nos.	Bottom Samples	Film, Video
2	07-11	40°~~2~~4.77′	67°28.28′	292 ft.	1048,1049	5	X
3	07-12	40°37.67′	67°45.48′	252 ft.	1050,1051	4	X
3	07-13	40°37.67′	67°45.48′	252 ft.	1052-1054	25	X
5	07-15	40°32.27′	67°42.94′	452 ft.	1055,1056	5	X
5	07-16	40°32.27′	67°42.94′	452 ft.	1057,1058	24	X
6	07-16	40°27.76′	67°42.05′	591 ft.	1059	2	X
6	07-17	40°27.76′	67°42.05′	591 ft.	1060,1061	3	X
7	07-17	40°29.68′	68°10.81′	484 ft.	1062	2	X
7A	07-19	40°29.34′	68°10.28′	925 ft.	1065	7	X
8	07-19	40°24.82′	68°09.31′	822 ft.	1066	2	X
8	07-20	40°24.82′	68°09.31′	822 ft.	1067	3	X
9	07-20	39°59.77′	69°35.92′	840 ft.	1068	2	X

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