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

#92004

CRUISE REPORT

Ship name: NOAA Ship Albatross IV

Cruise No.: 92-04

Project: EEZ shelf mapping - Eastern Georges Bank

Funding agency: USGS, NMFS

Area of operations: Northern Edge of Georges Bank

Cruise dates: April 27 - May 4, 1992

Chief Scientist: Page Valentine

Scientific Party:
Eric Schmuck, USGS
Nancy Soderberg, USGS
Barbara Seekins, USGS
Scott Harrison, USGS
Barry Irwin, USGS
Ken Parolski, USGS
Greg Lough, NMFS
Alex Penkrat, NMFS
Geoff Laurence, NMFS

Ship's captain: Dean Smehil, NOAA

Cruise purpose: Collaborative research with USGS and NMFS; echo sounding and side scan sonar surveys of selected areas on the northern edge of Georges Bank to map sedimentary environments and biological habitats.

Navigation: GPS, Loran-C; recorded on 3.5 diskettes.

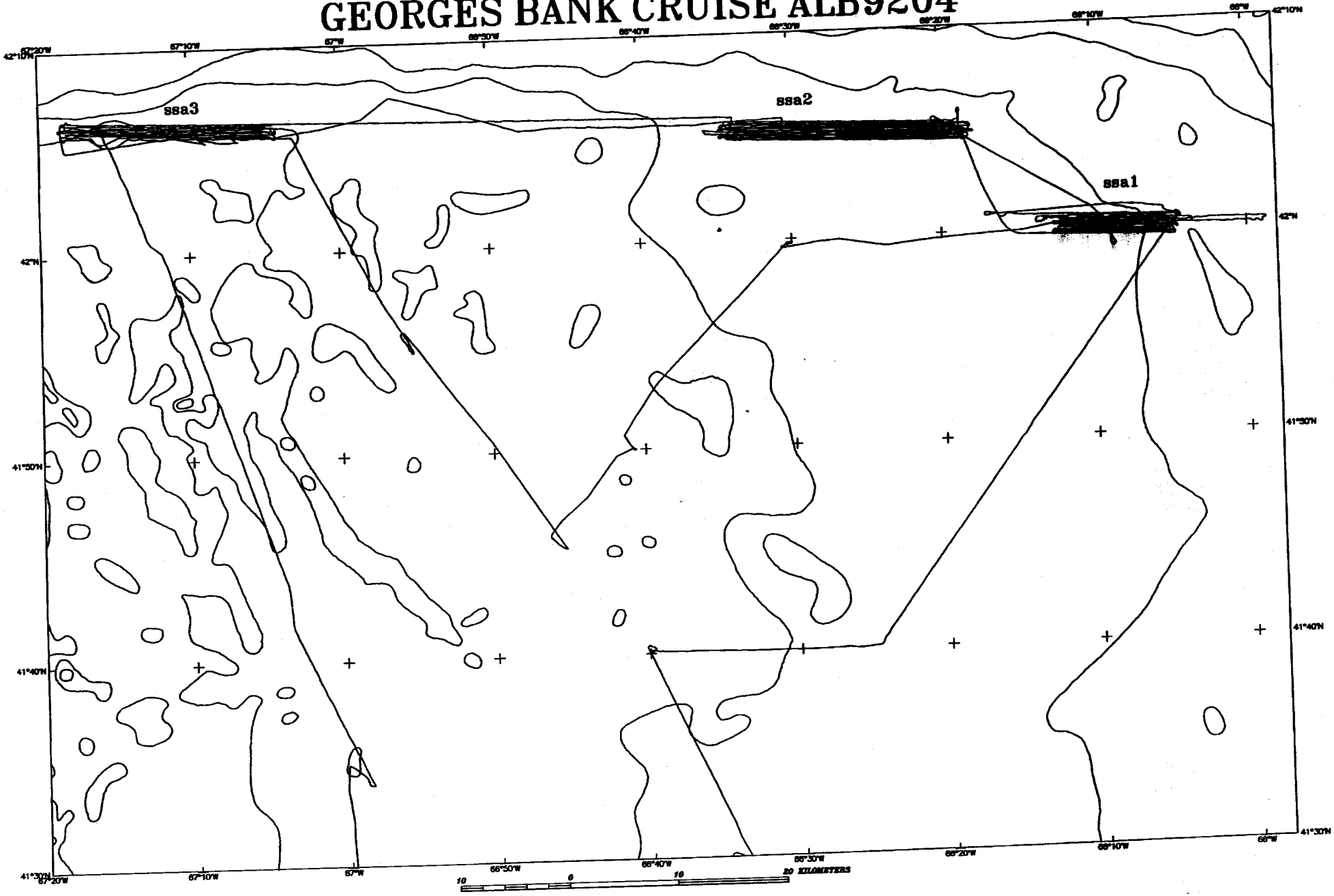
Scientific equipment: Klein 100 kHz sidescan sonar; digital collection of sonar data with Q-Mips system; Raytheon DSF6000N echo sounder, 12 kHz; Osprey color video system.

Days at sea: 6 days in study area.

Continuous data: 569 line km of side scan sonar data in 3 areas comprising 79 sq km of continuous coverage (see attached trackline map).

Stations occupied: color video camera deployed at 16 sites in the 3 sidescan areas; locations listed below.

Sidescan area 1:	Sta. 1:	42° 0.5 ′ N,	66° 10 ′ W
	Sta. 2:	42 0.14	66 09.18
	Sta. 3:	41 59.8	66 07.15
	Sta. 4:	41 59.65	66 06.95
Sidescan area 2:	Sta. 5:	42 05.34	66 19.96
	Sta. 6:	42 05.20	66 20.33
	Sta. 7:	42 04.52	66 18.36
	Sta. 8:	42 04.80	66 20.25
	Sta. 9:	42 04.92	66 24.35
	Sta. 10:	42 05.30	66 30.42
Sidescan area 3:	Sta. 11:	42 05.80	67 05.50
	Sta. 12:	42 06.12	67 05.65
	Sta. 13:	42 05.85	67 07.35
	Sta. 14:	42 05.83	67 09.40
	Sta. 15:	42 06.23	67 12.45
	Sta. 16:	42 06.20	67 16.60

GBGRAV\AIV9204.REP

GEORGES BANK CRUISE ALB9204