

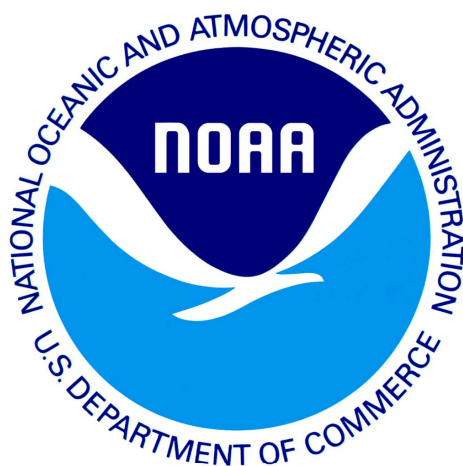
2021 Scallop Survey Short Report

NEFSC Dredge Survey

Prepared by:

Dvora Hart and Jui-Han Chang

Northeast Fisheries Science Center



August 31, 2021

“This information is distributed solely for the purposes of pre-dissemination peer review. It has not been formally disseminated by NOAA and does not represent any final agency determination.”

1 2021 SURVEY ESTIMATES

Table 1.1. Summary of 2021 NEFSC dredge estimates. The southern flank only includes strata 58 and 59; stratum 60 was surveyed by VIMS.

SAMS Area	NumMill	BmsMT	SE	MeanWt	AvgSize	Num/m ²	NTows
Georges Bank							
GSC-North	222	3935.7	923.5	17.7	92.2	0.10	18
GSC-Middle	54.2	1090.8	166.8	20.1	95.8	0.08	11
GSC-South	16	353.2	156.3	22.1	103.8	0.01	11
SF (58 + 59 only)	96.5	1544.2	464.5	16.0	93.8	0.04	14
CL2-North	177.7	4958.1	1418	27.9	90.9	0.40	7
NF	117.8	1709.9	638.7	14.3	83.6	0.11	12

2 SURVEY CHARTS

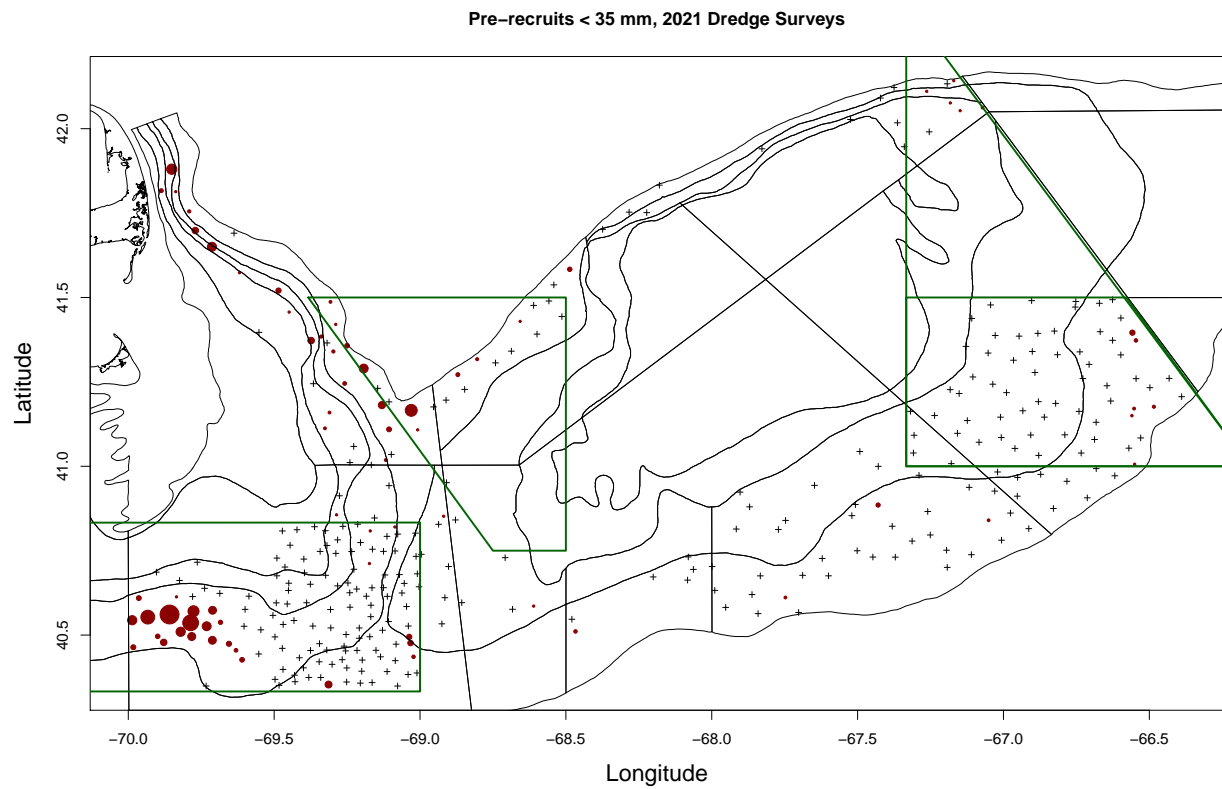


Figure 2.1. Chart of less than 35 mm shell height scallops observed on 2021 dredge surveys on Georges Bank.

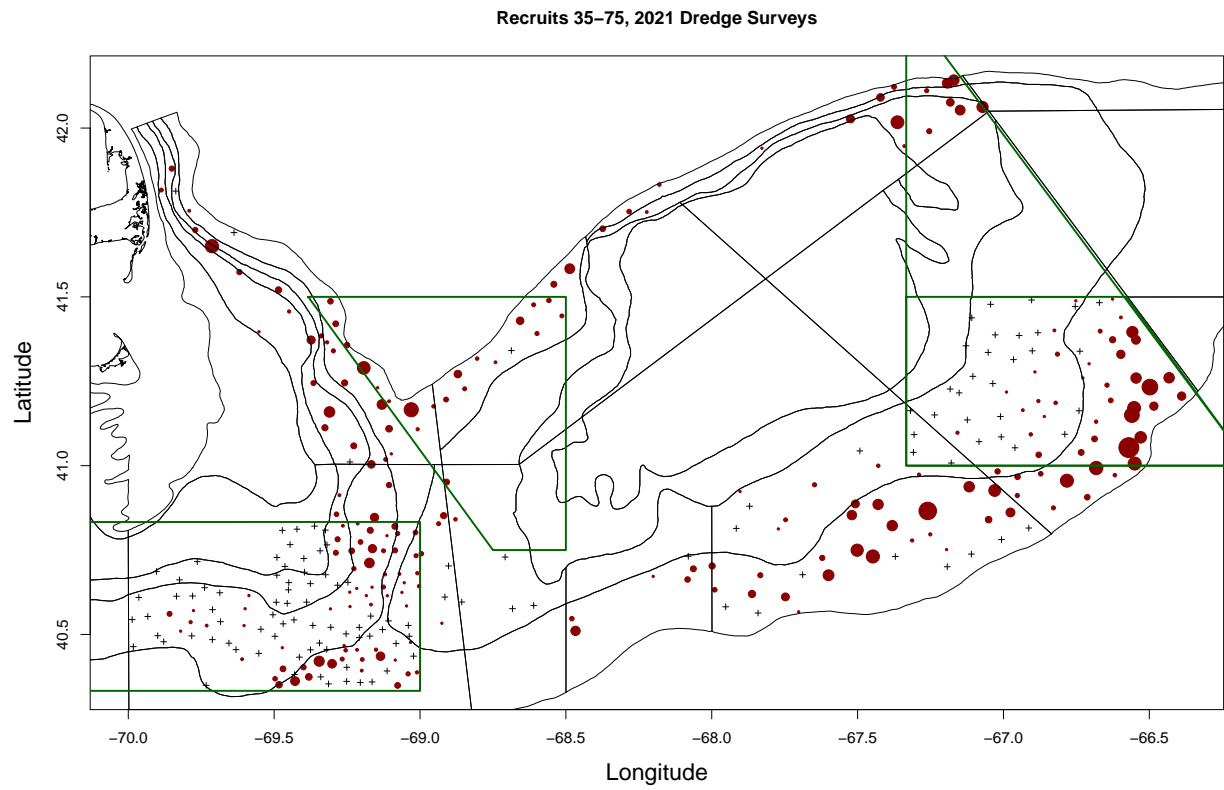


Figure 2.2. Chart of 35 to 75 mm shell height scallops observed on 2021 dredge surveys on Georges Bank.

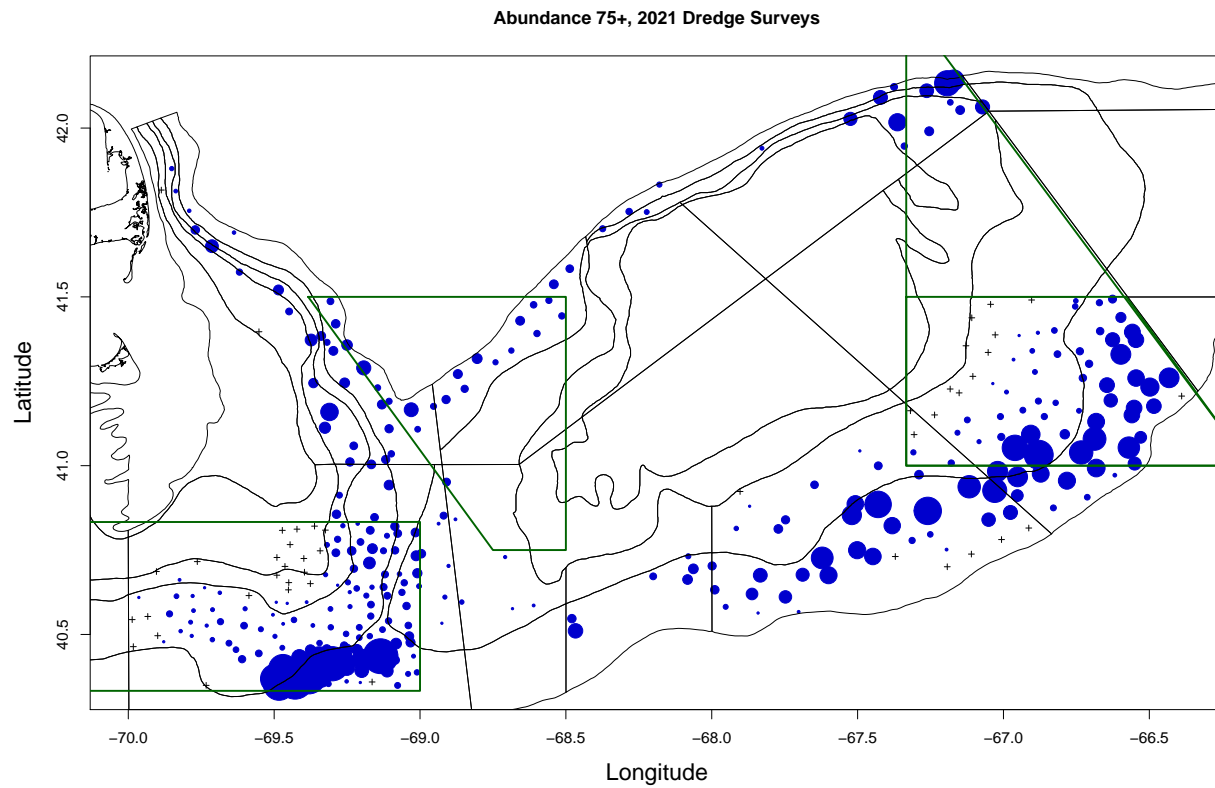


Figure 2.3. Chart of scallops greater than 75 mm shell height observed on 2021 dredge surveys on Georges Bank.

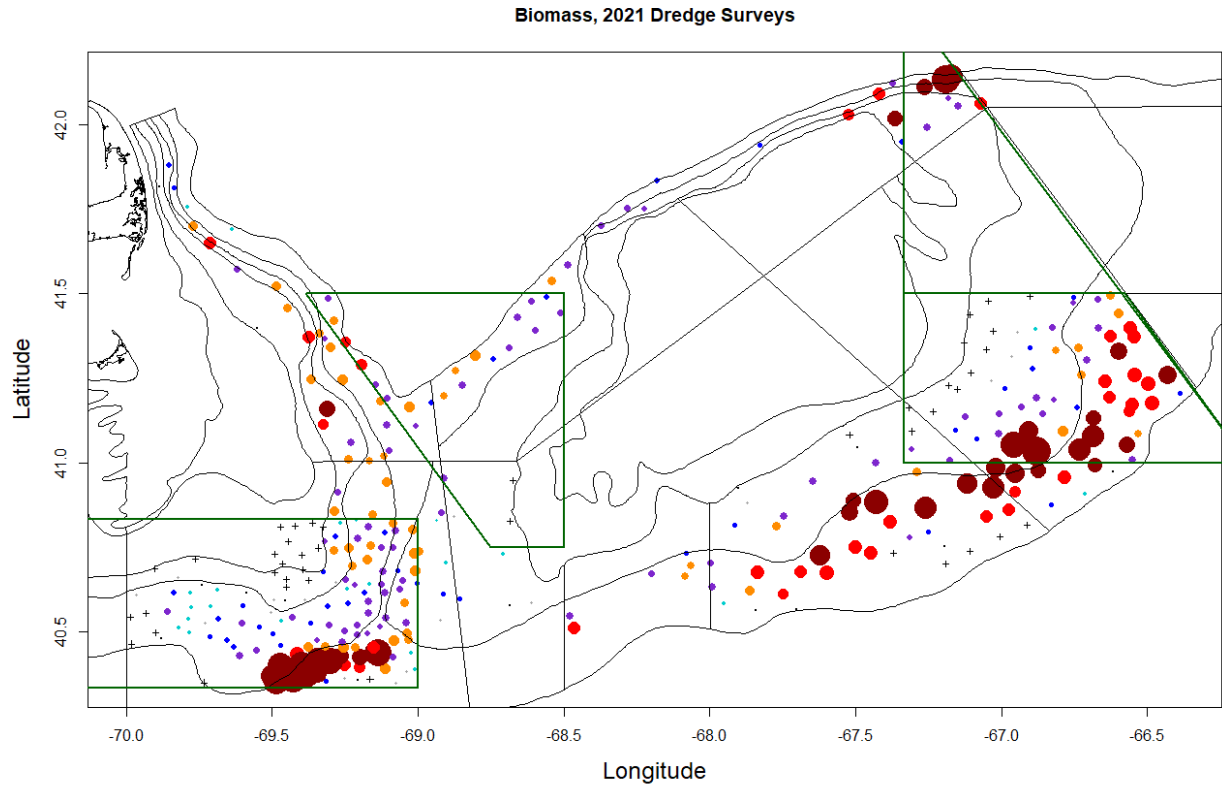


Figure 2.4. Chart of biomass of all scallops observed on 2021 dredge surveys on Georges Bank.

3 LENGTH FREQUENCY PLOTS BY SAMS AREA

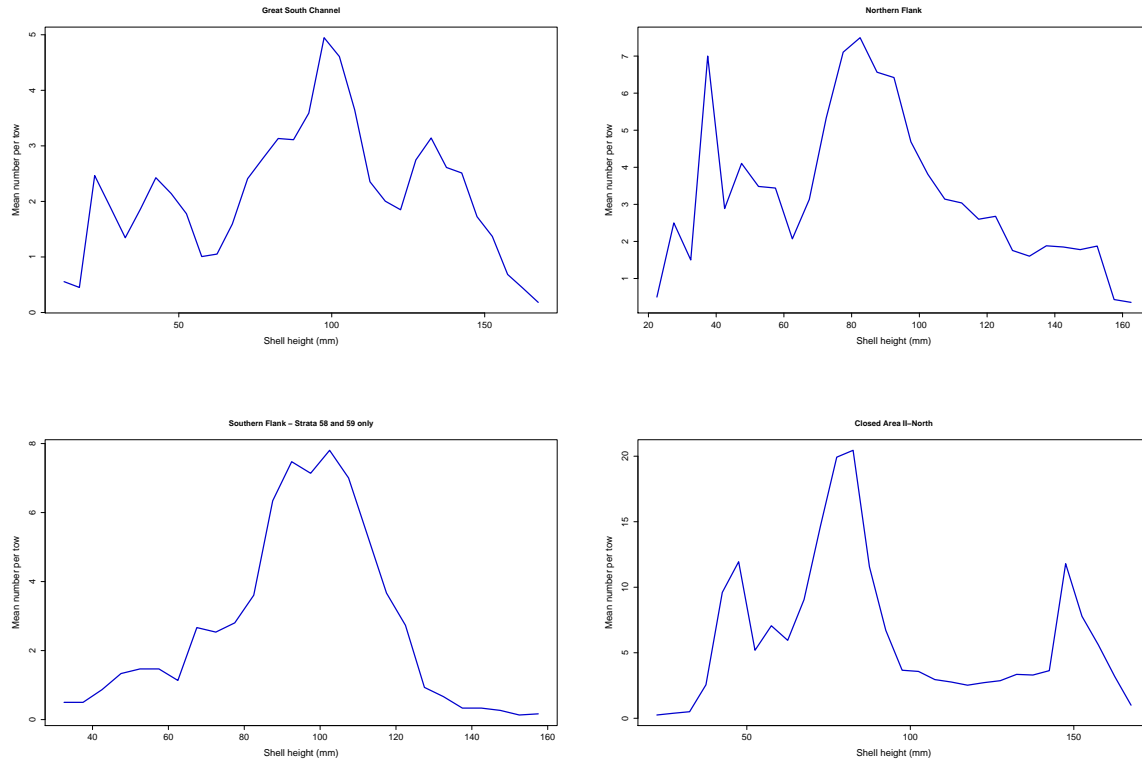


Figure 3.1. 2021 dredge size frequencies by SAMS area, clockwise from top left: Great South Channel, Northern Flank, Southern Flank and Closed Area II-North. The Southern Flank plot includes only strata 58-59. Stratum 60, which represents a majority of the biomass in this area, was surveyed by VIMS.

4 Exploitable Biomass Estimates For 2021

Table 4.1. 2021 NEFSC dredge exploitable scallop estimates. The southern flank only includes strata 58 and 59; stratum 60 was surveyed by VIMS.

SAMS Area	NumMil	BmsMT	SE	MeanWt
Georges Bank				
GSC-North	92	2905	649	31.6
GSC-Mid	29.1	861	131.7	29.6
GSC-South	9.8	298	132.1	30.3
NF	39	902	288	23.1
SF (58+59)	50.4	1033	134	20.5
CAII-N	110	4345	1312	39.0