

An underwater photograph of a rocky seabed. A large, feathery scallop is the central focus, extending from the top left towards the bottom center. Two starfish are visible: one at the top center and another at the bottom right. The background is a dark, textured rock surface with some greenish-brown algae or coral.

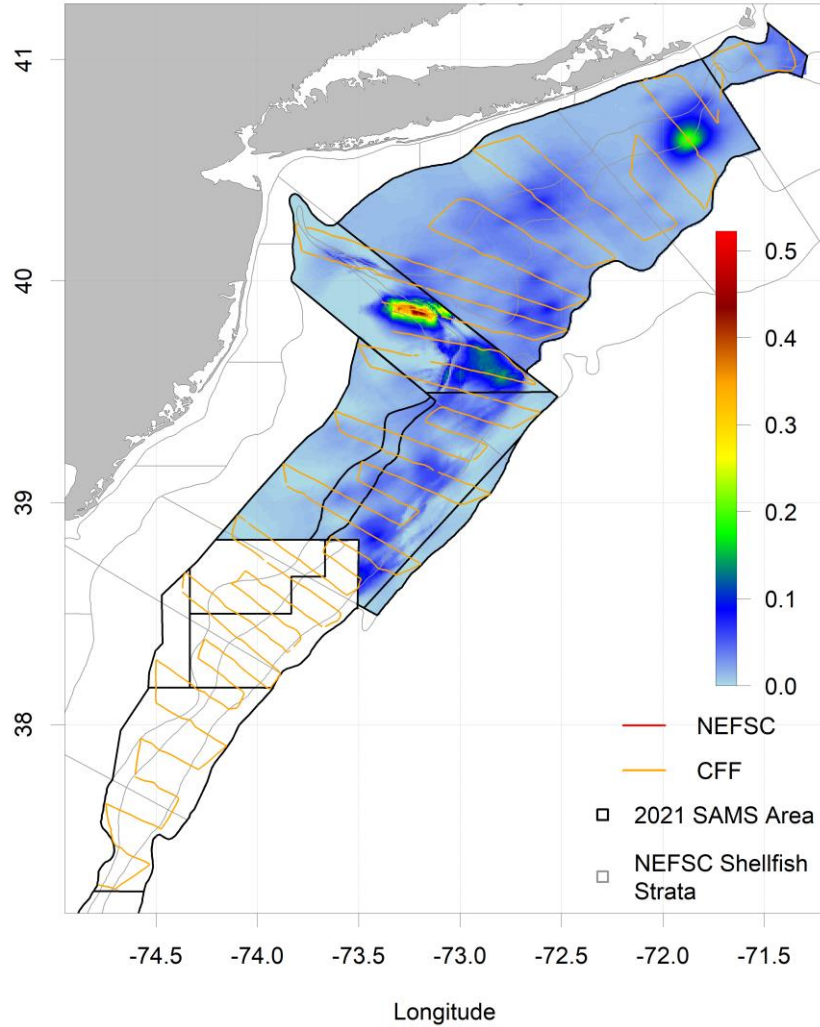
2021 NEFSC Scallop Surveys

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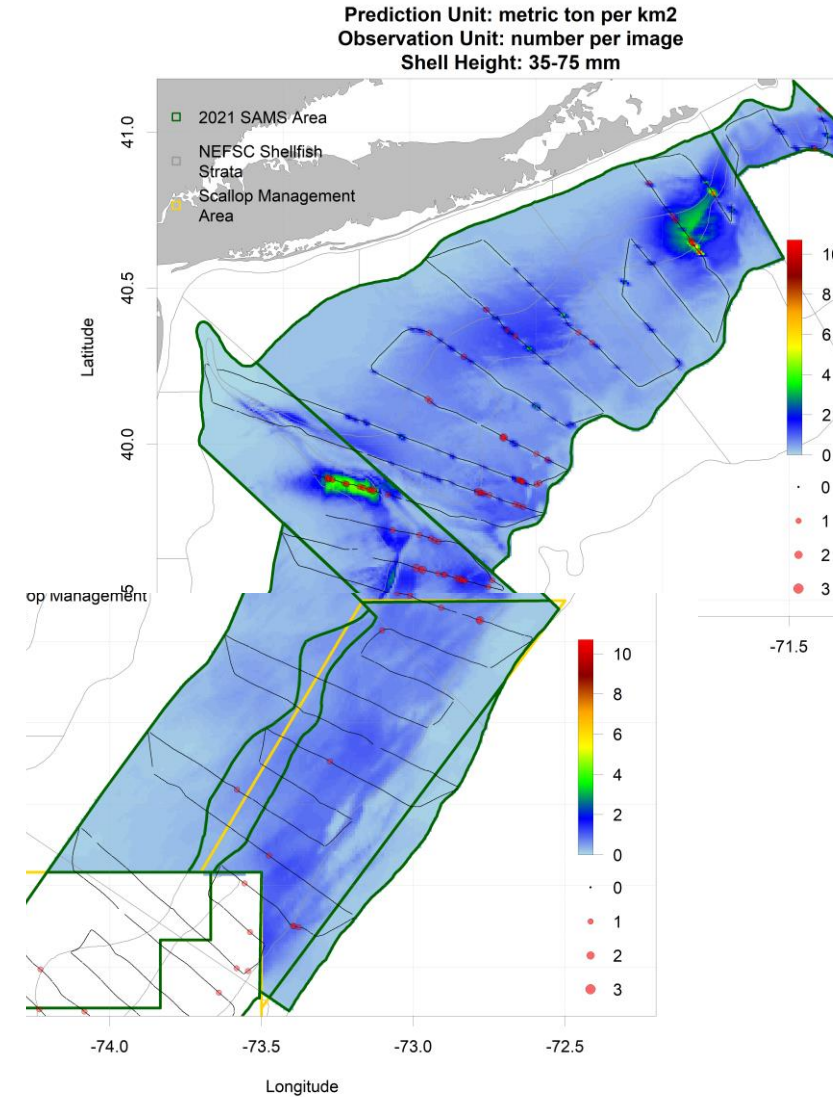
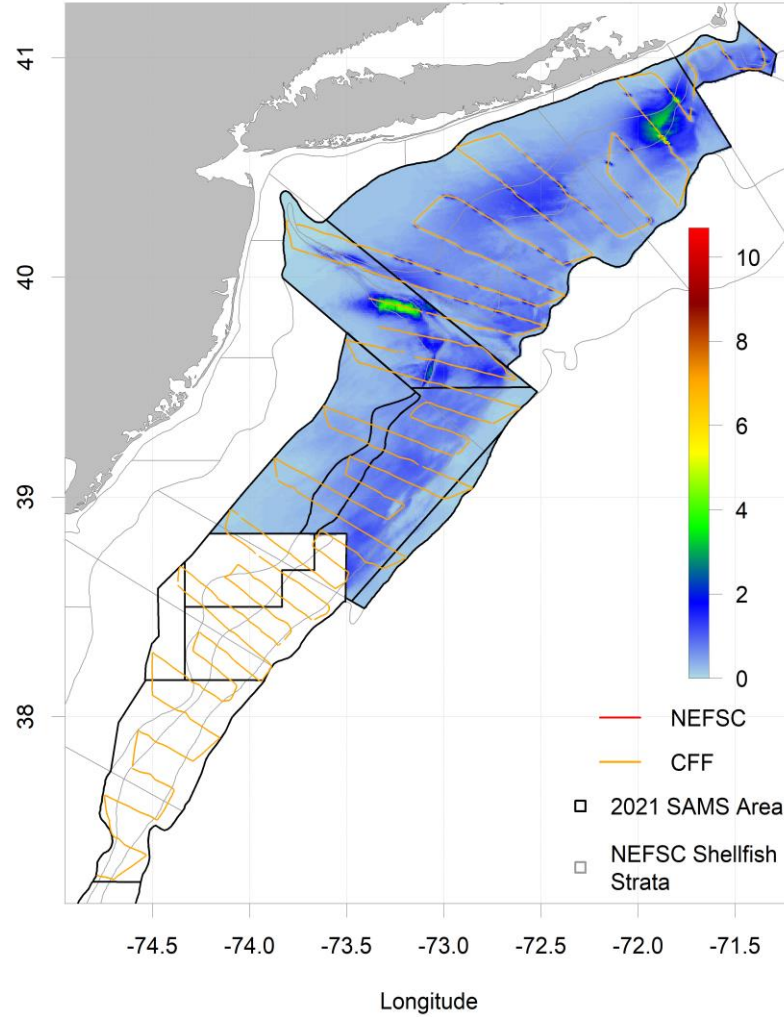
Mid-Atlantic

Habcam survey conducted by CFF and dredge survey by VIMS.

Prediction Unit: number per m2



Prediction Unit: metric ton per km2



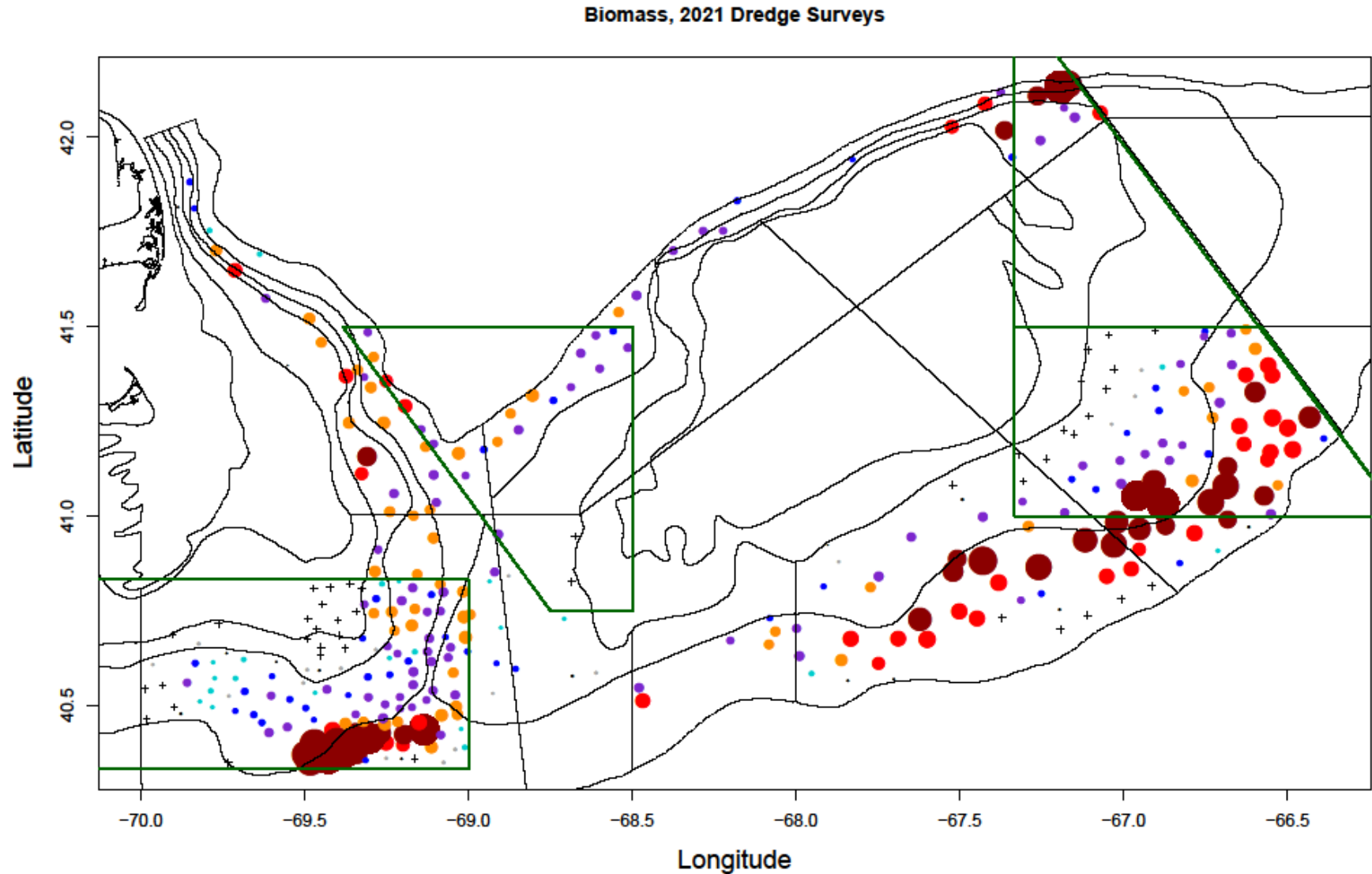
Georges Bank

89 Dredge tows in Great South Channel, Northern and Southern Flanks, Closed Area I, and Closed Area II-N. VIMS covered Closed Area II South and extension, Nantucket Lightship, the northern sliver of Closed Area I and a portion of the southern flank.

Habcam coverage of Southern and Northern Flank as well as Nantucket Lightship, Closed Area II North, Closed Area I (sliver) and the Great South Channel (middle area missing)

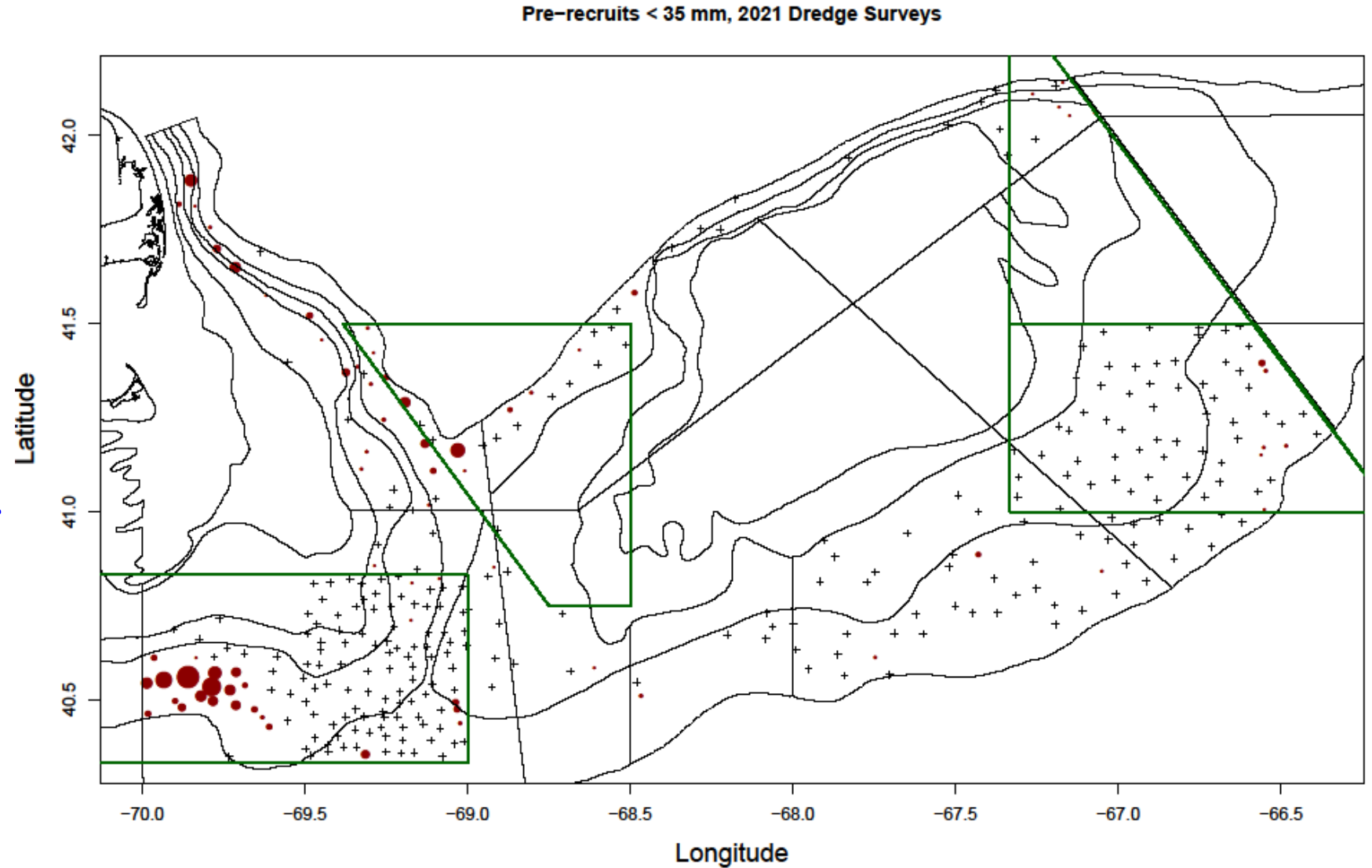
Georges Bank Dredge Survey - Biomass

Biomass concentrations in NLS-S, CA-II North and in CA-II South, Extension and Southern Flank



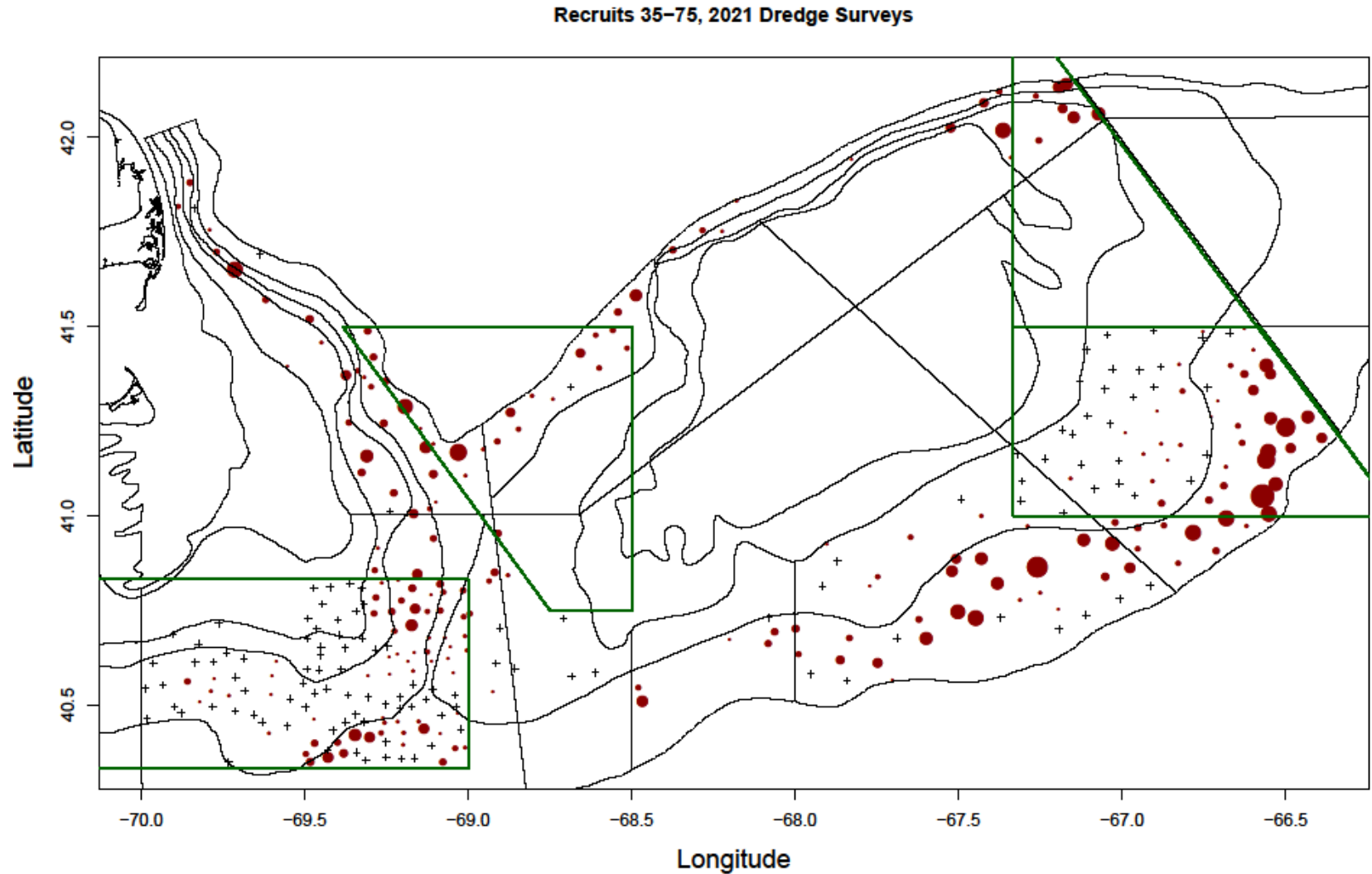
Georges Bank Dredge Survey - Prerecruits

Substantial levels of pre-recruits observed in NLS-W. Smaller numbers in the GSC and western portion of CA-I



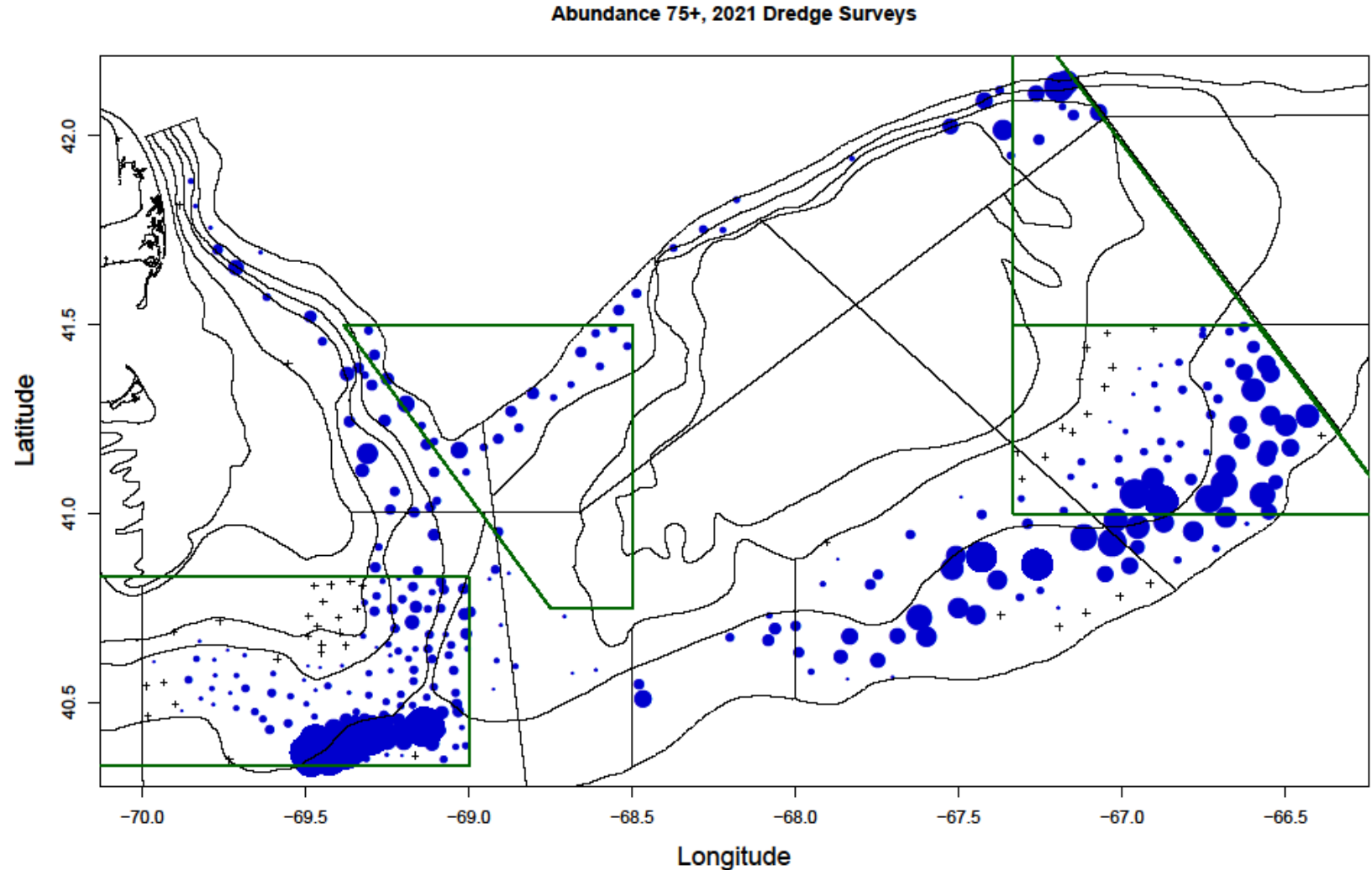
Georges Bank Dredge Survey - Recruits

Recruitment low to moderate, with relatively higher levels in Closed Area II and the southern flank.

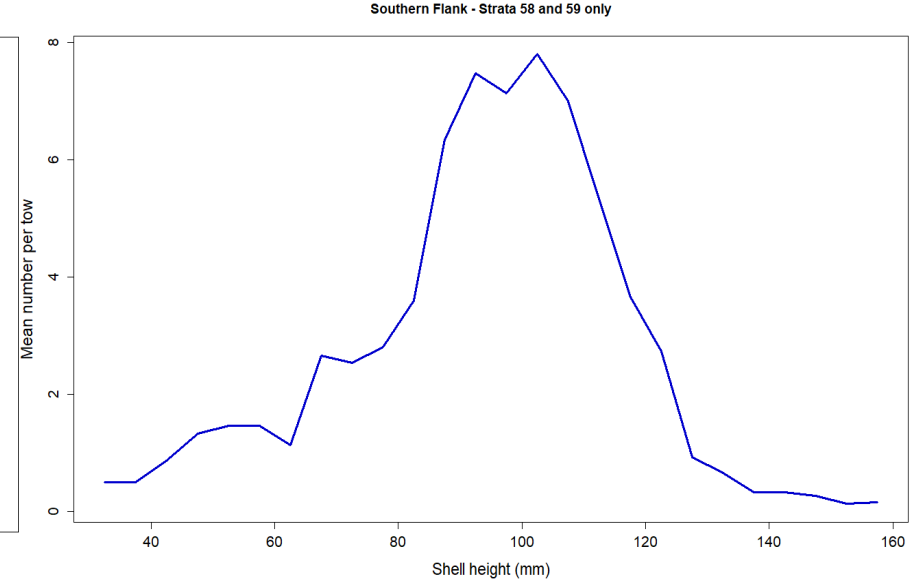
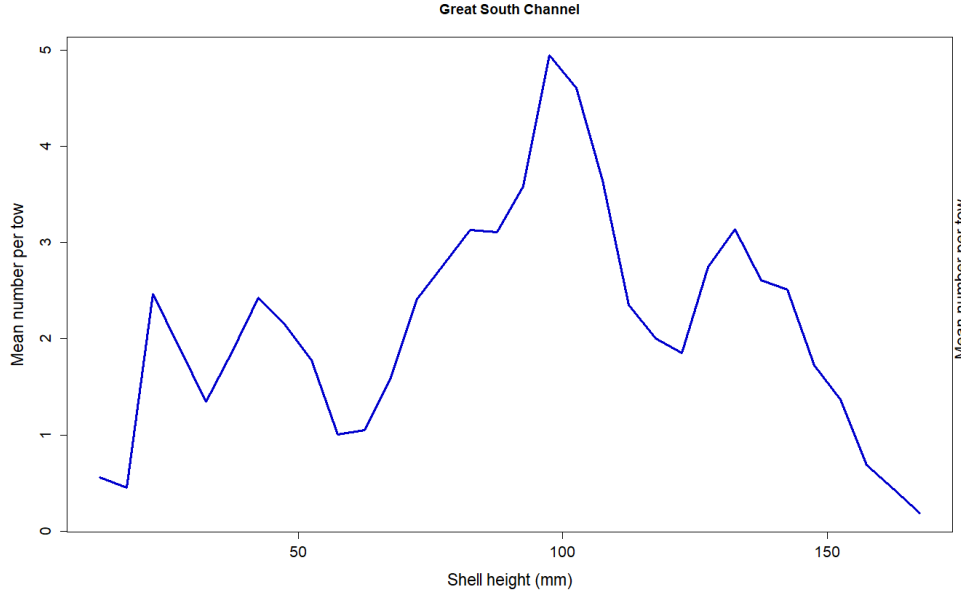
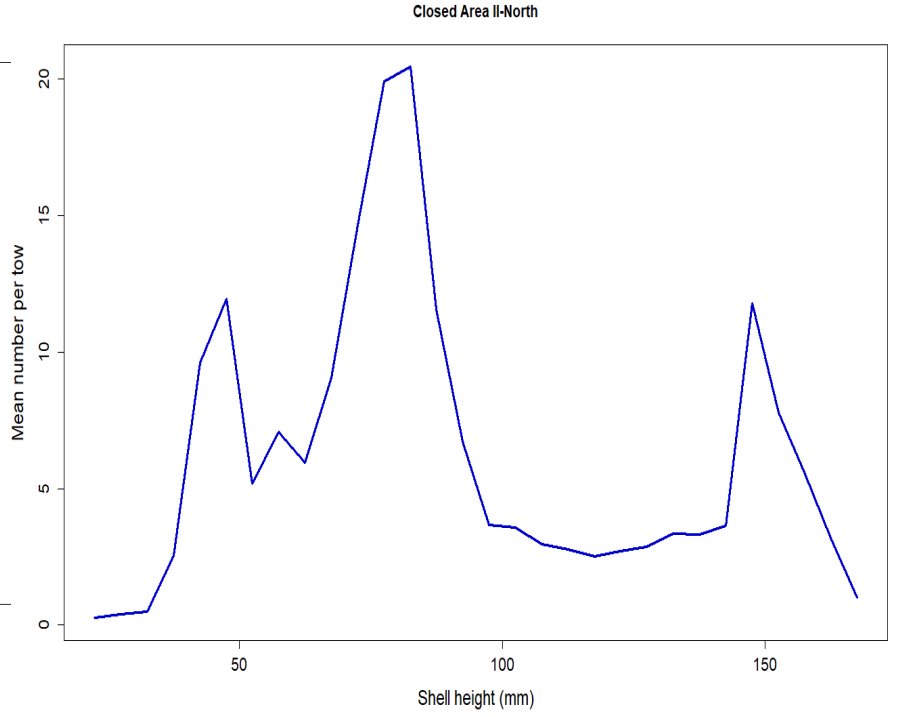
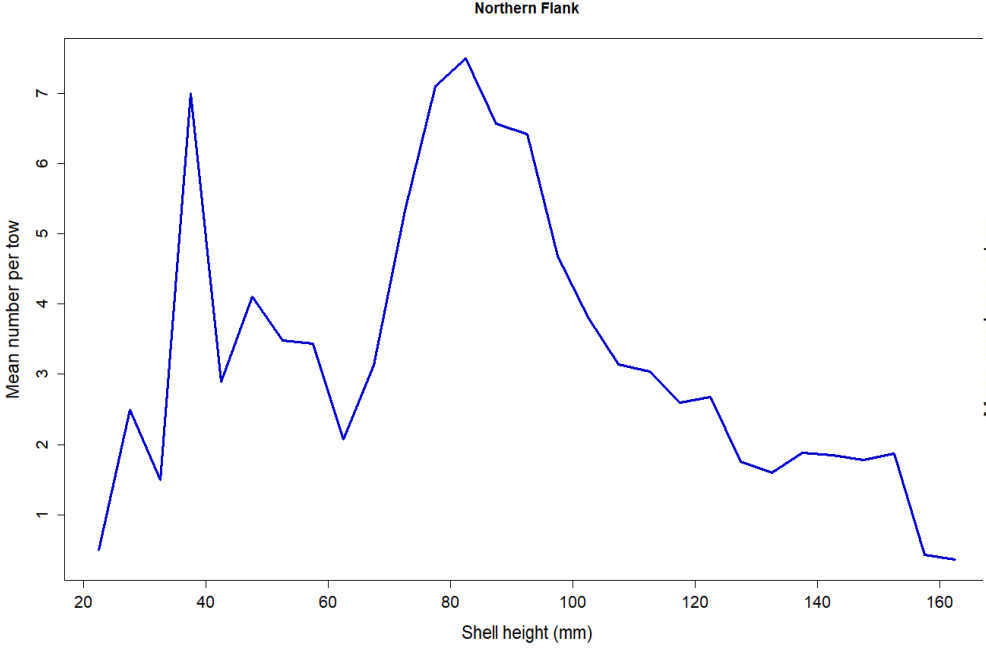


Georges Bank Dredge Survey – 75 mm +

Numbers > 75mm plot similar to biomass plot with major concentrations in NLS-S, the southern flank, and Closed Area II

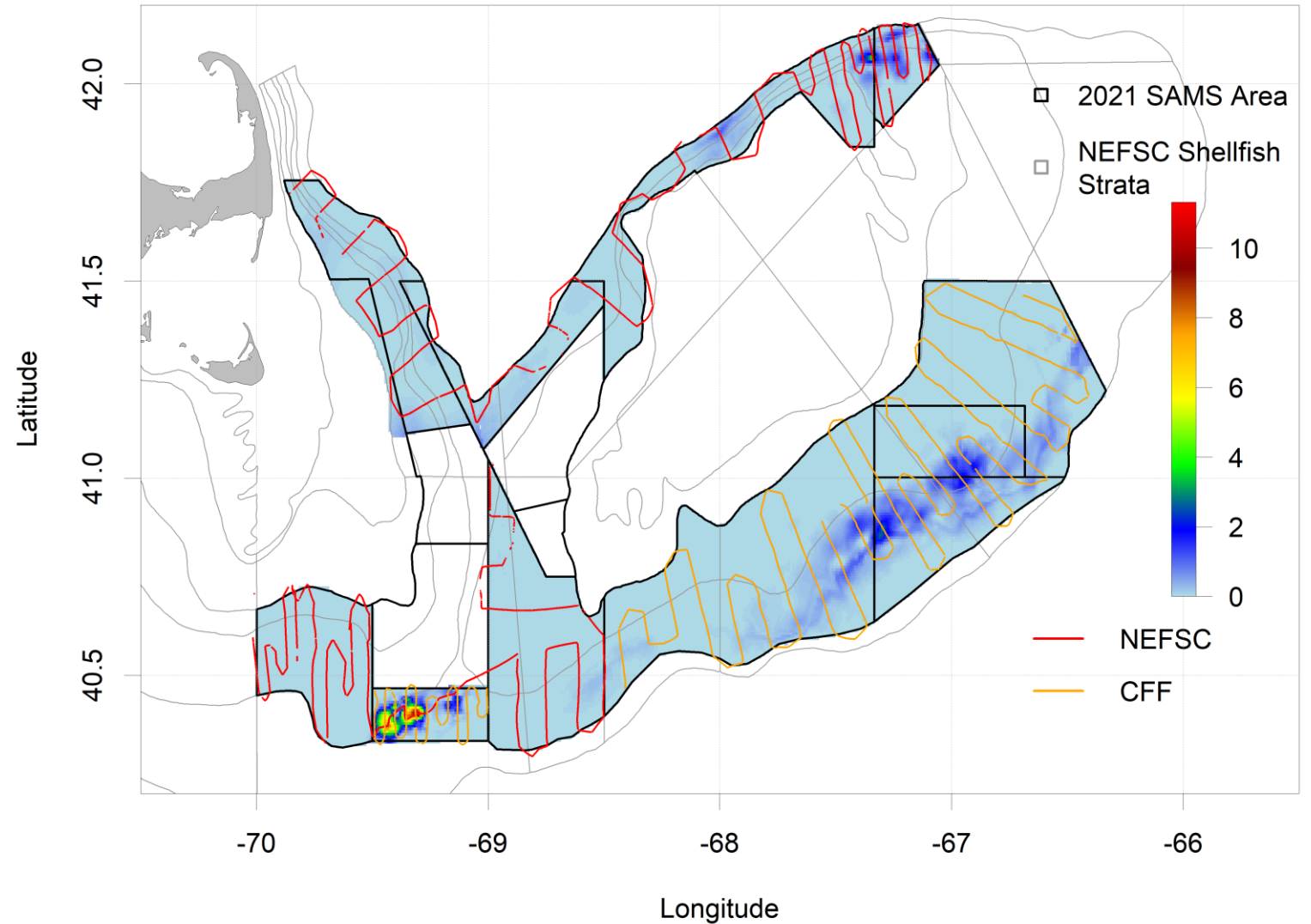


Shell heights from the NEFSC dredge survey. Note evidence of a moderately strong 3 year old year class on NF and CA-IIN



Georges Bank Habcam Surveys - Abundance

Prediction Unit: number per m2

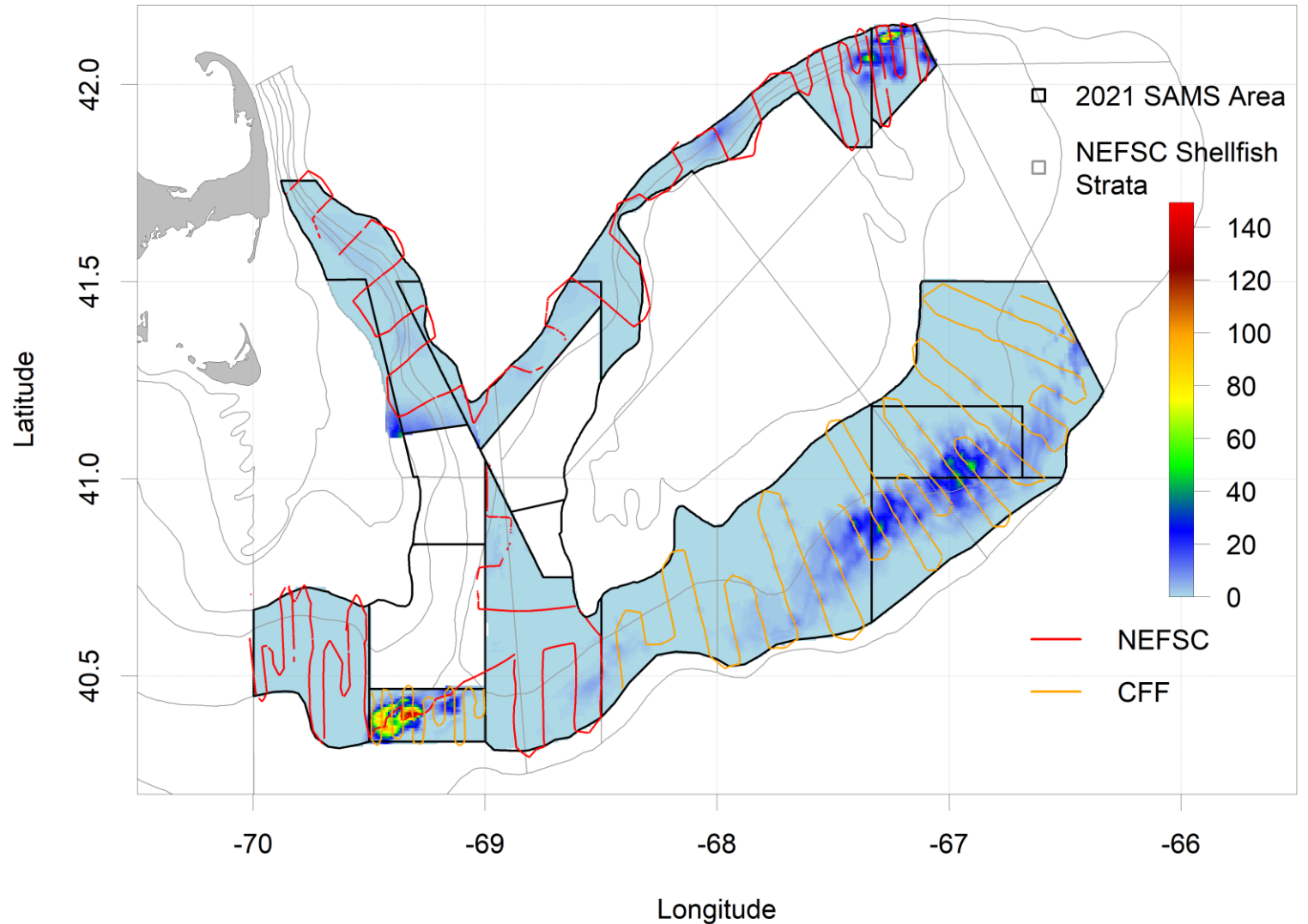


Major concentrations
in NLS-S, CA-II, CA-II
Ext and Southern
Flank

Georges Bank Habcam Surveys - Biomass

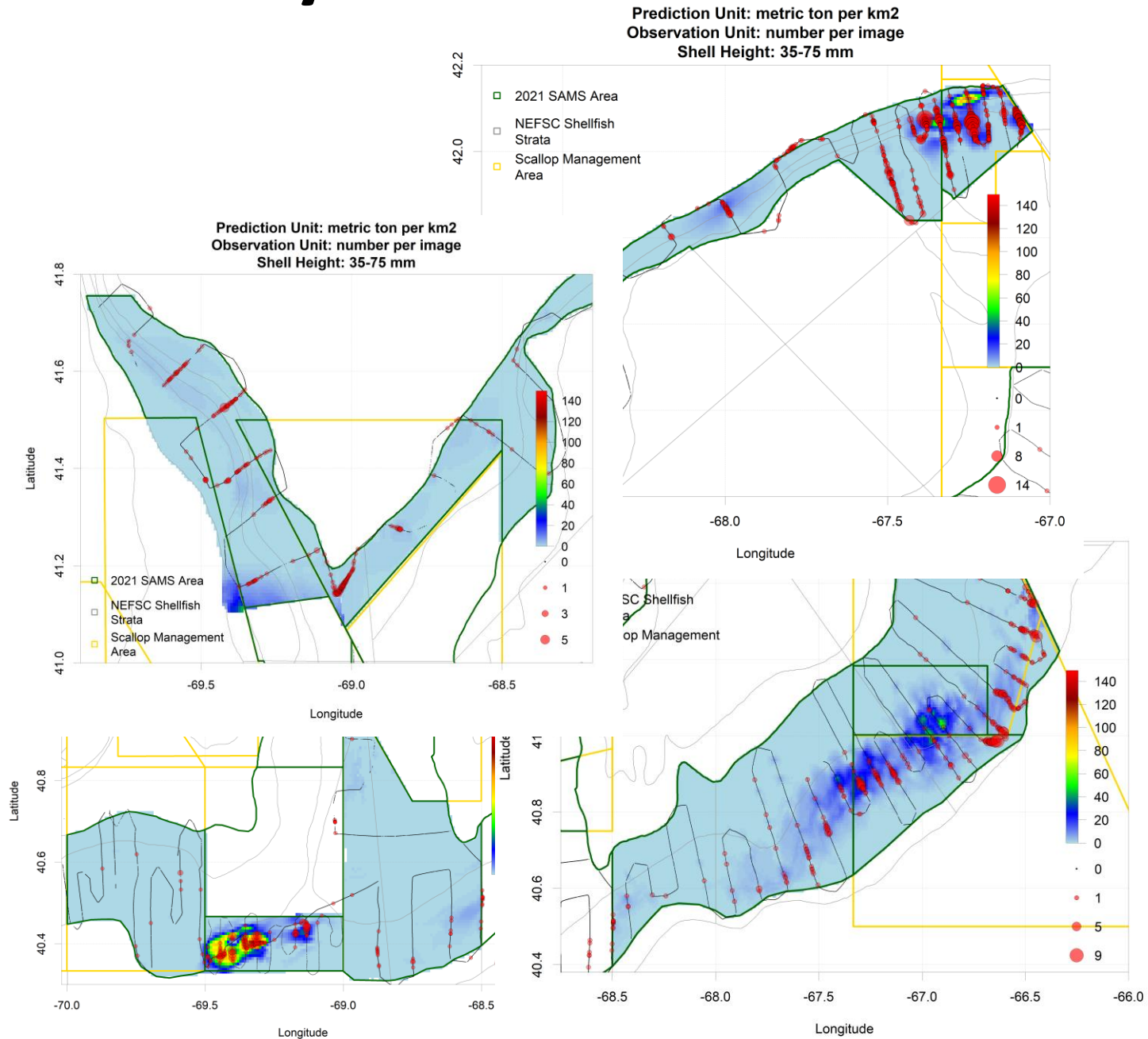
Prediction Unit: metric ton per km2

Major concentrations
in NLS-S, CA-II, CA-II
Ext and Southern
Flank



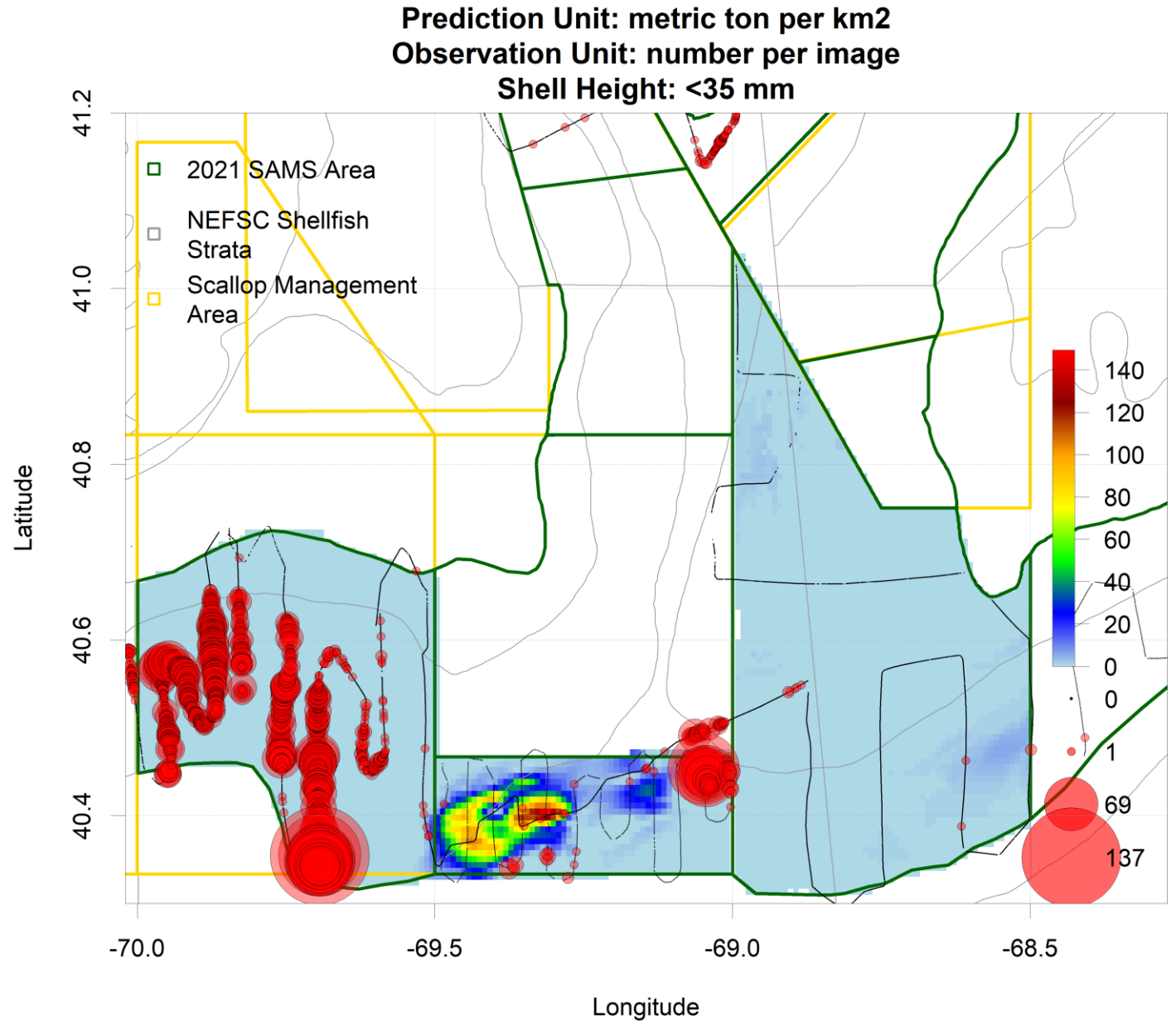
Georges Bank Habcam Surveys - Recruitment

Moderate recruitment in CL-II and extension area, with some into the southern flank. Otherwise, limited recruitment

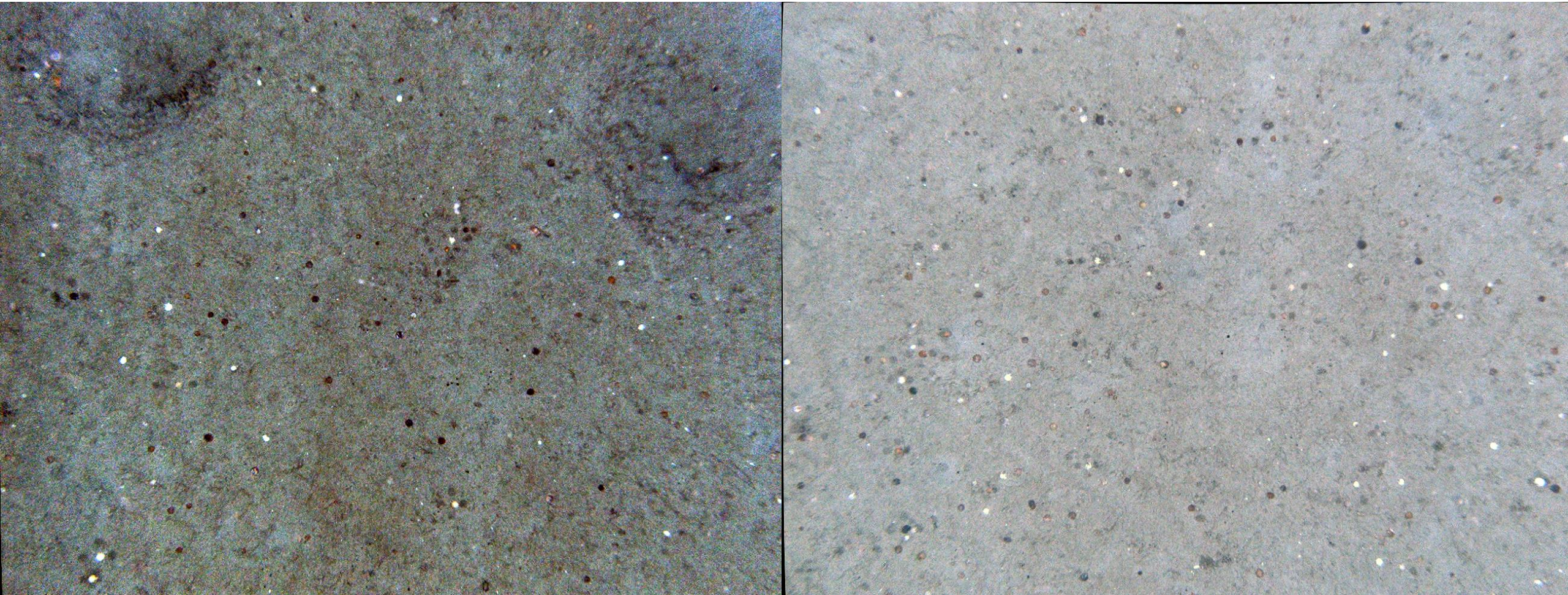


Prerecruits observed in Nantucket Lightship Area

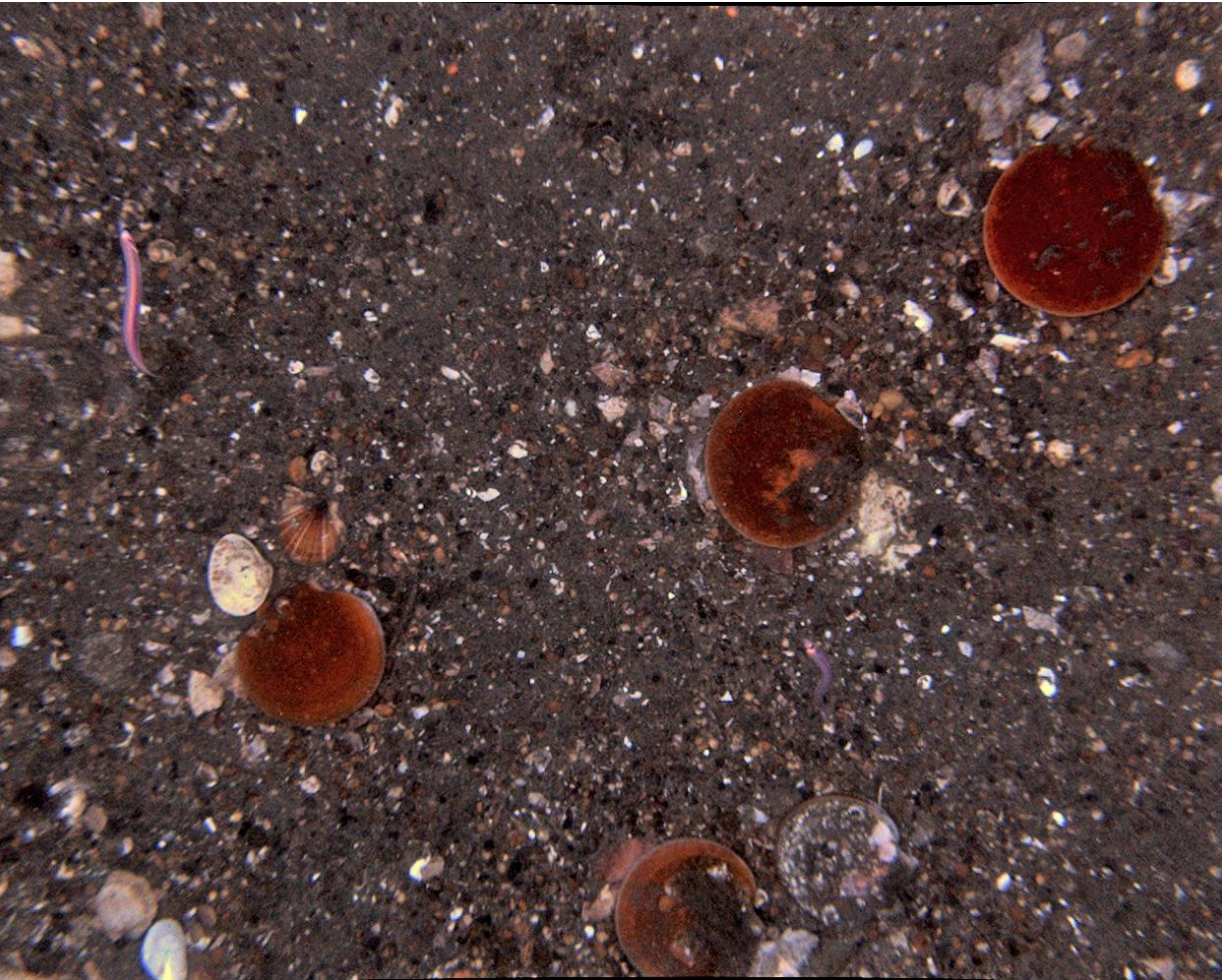
Up to 100 scallops per image in NLS-W and the NE corner of NLS-S
Candidates for rotational closures



Spat in Nantucket Lightship West

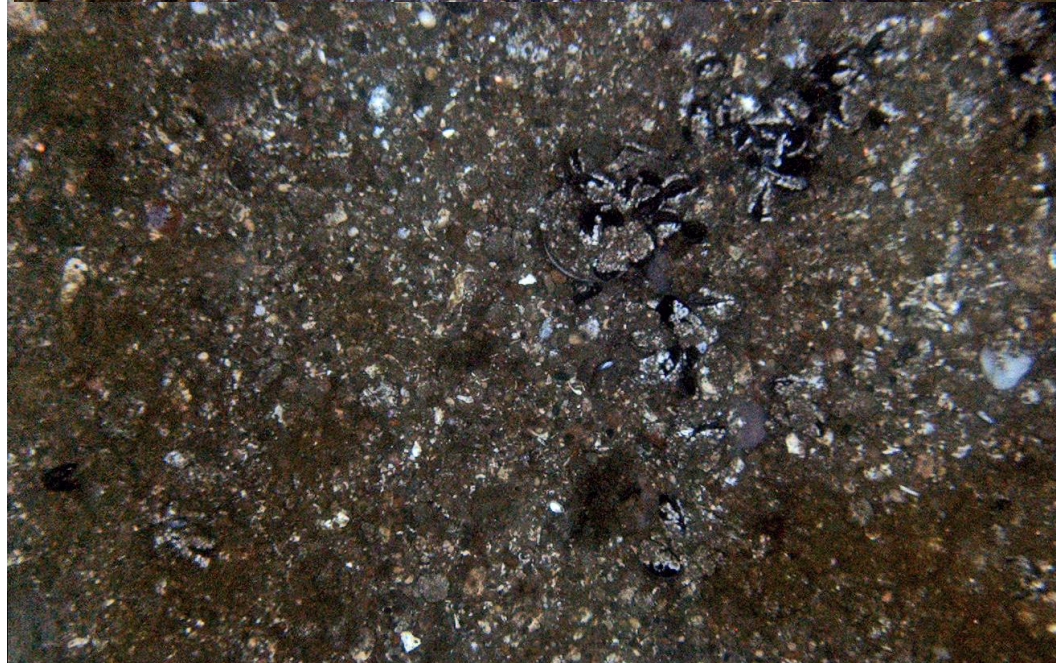
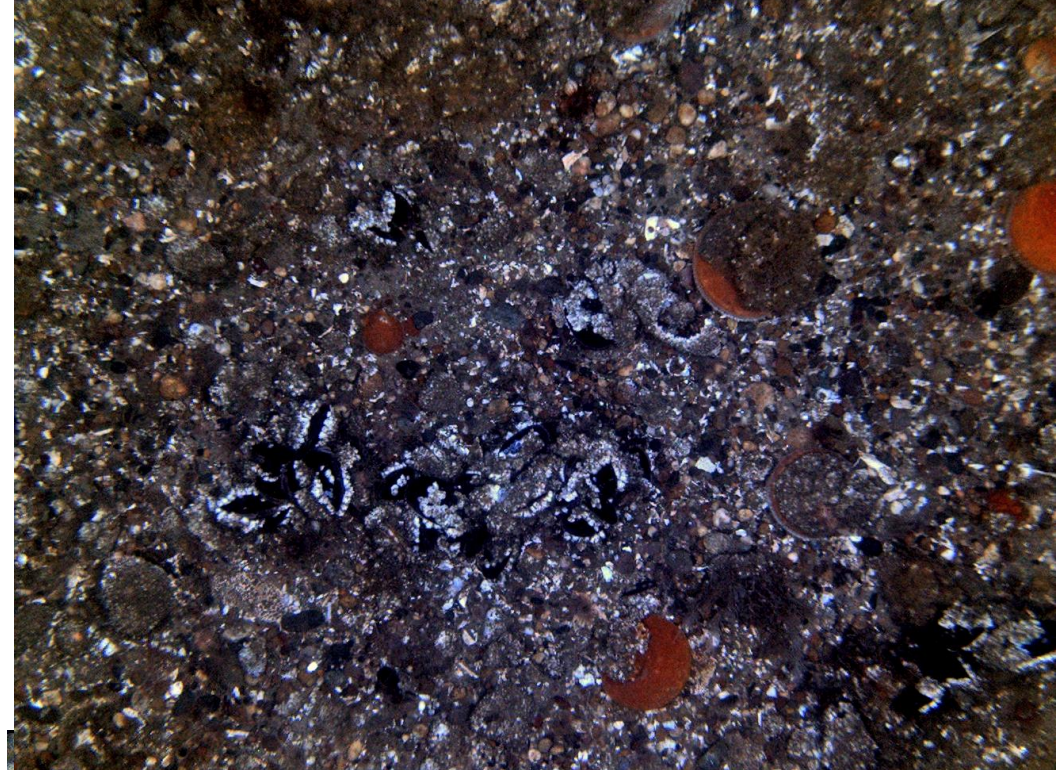
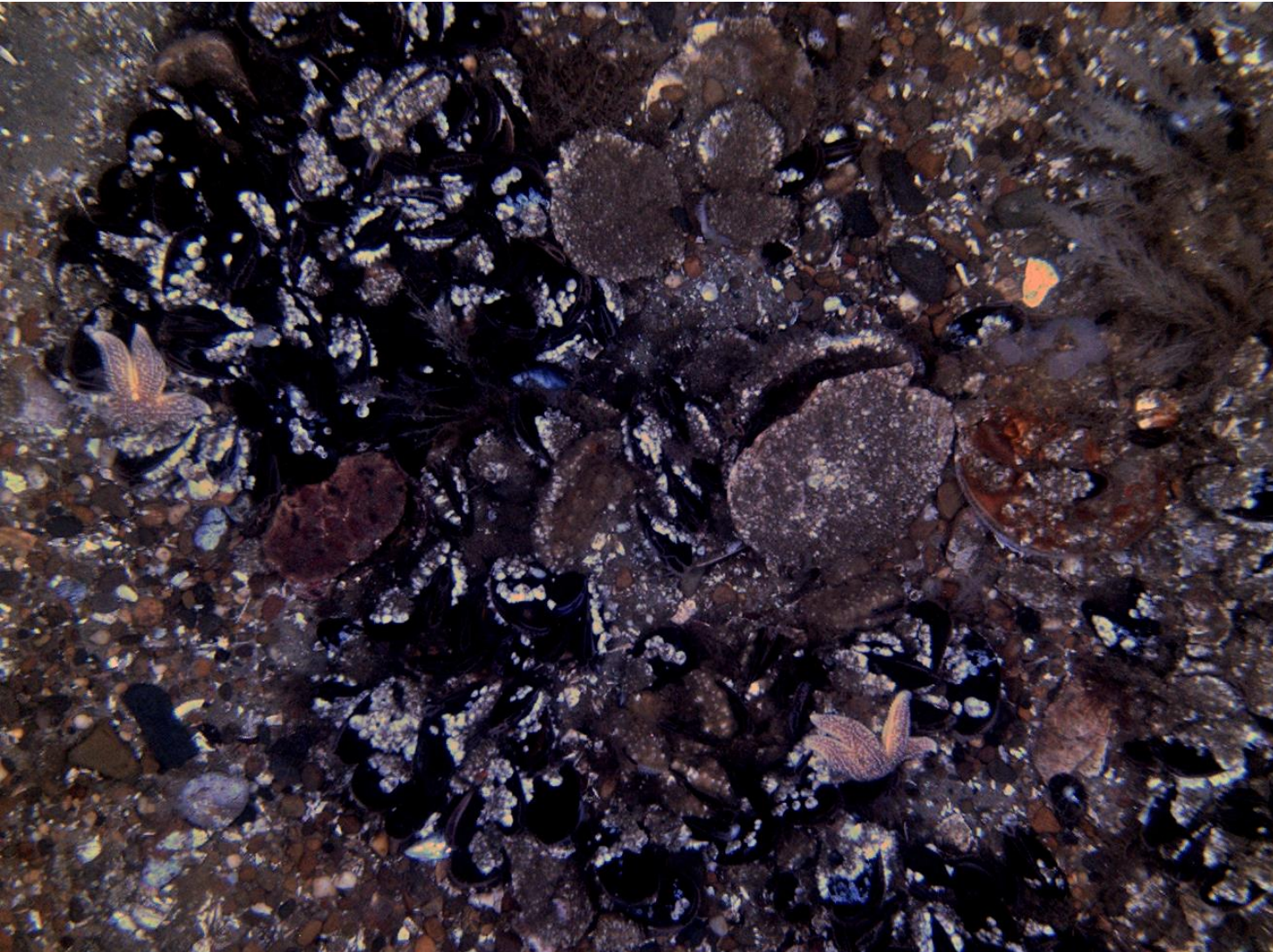


Large scallops in Closed Area II N



Scallops and mussels in Closed Area II North

Mussels and other epifauna may obscure scallops



Dredge Tow in Closed Area II N

Note barnacles on scallops



Lots of mussel beds in CAII-N

Photo of live “copilot” feed

Camera 0 (02-2141A-16941)

Histogram Equalize Show Histogram

Histogram Stretch

gain auto ?? rcvd: ??

exposure auto ?? rcvd: 121.8

min gain 0.00 40.00 max gain

min exp (ms) 0.00 10.00 max exp (ms)

rate: 6.00 hz

display Show Port display: skip 0 images pause recording

Show Stbd

rec: show Winchfly

wr:

acq:

dsEvent V 3.3 compiled Dec 31 2019

Vertebrates Invertebrates Substrate Vehicle Ops Ship Ops

tilefish barndoor skate yellowtail skate

pout hagfish monkfish

waiting for event

EVT 2021/06/29 08:48:34.536 DLG TXT: mussels

EVT 2021/06/29 07:53:50.374 DLG Flatfish:

EVT 2021/06/29 07:15:49.390 DLG TXT: cool red thing 10 sec ago

EVT 2021/06/29 06:04:06.866 DLG TXT: getting into brittle stars and saw a nice witch flounder

EVT 2021/06/29 05:08:44.768 DLG Vertebrates: monkfish

EVT 2021/06/29 04:53:41.374 DLG TXT: lobster

EVT 2021/06/29 03:58:19.698 DLG TXT: lobster

EVT 2021/06/29 03:53:46.758 DLG skate:

More highlights

Squid school, Peter Pans, clam siphons with bryozoans in CAII-North

