

“Draft Working Paper for Predissemination peer review only”

Working Paper 1.3
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PRELIMINARY

Maps Showing NEFOP Sampling Coverage and Management Areas

by Lisa Hendrickson and Laurel Col

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1.0 NEFOP sampling coverage

Groundfish discards are estimated for the 2008 GARM from trips sampled by fisheries observers from the Northeast Fisheries Observer Program (NEFOP). The spatial distribution of tows from these trips is important because in recent years, high-intensity sampling has occurred in certain management areas such as Special Access Program areas (SAPs) and discard rates inside these areas may differ from discard rates outside of such areas. In addition, tow location summaries by statistical area can be used to determine the frequency of occurrence of trips that are split between different statistical areas and possibly stock areas. Figures 1-8 show the distribution of NEFOP observed tows, combined for 1989-2006, by some of the major gear types for which discards are estimated. NEFOP observer coverage is shown in relation to the three areas currently closed to groundfish bottom trawl gear but open to other gear types (CAI, CA II, and the Nantucket Lightship CA).

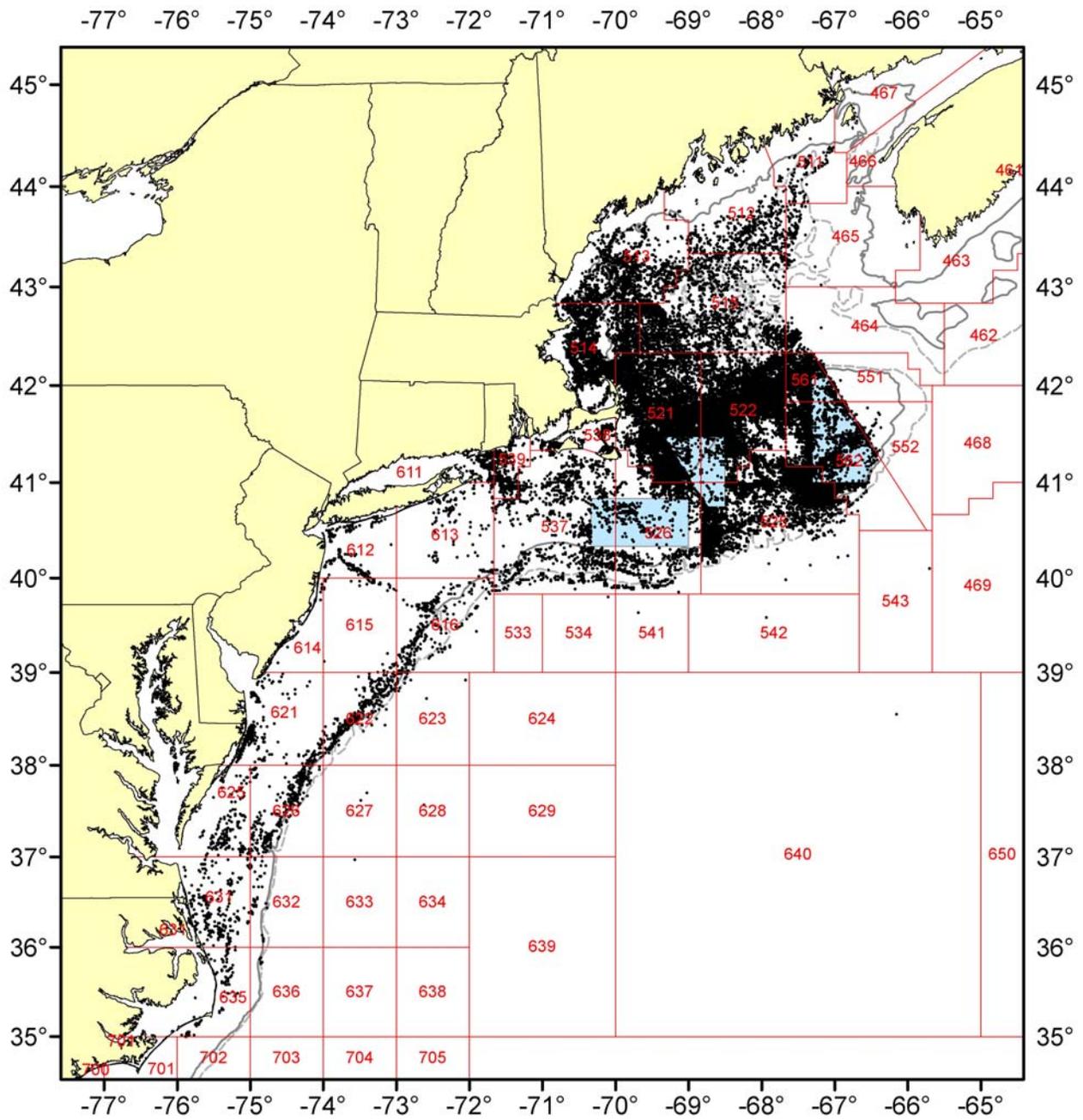


Figure 1.
1989-2006 Observer Coverage Large Mesh Otter Trawl

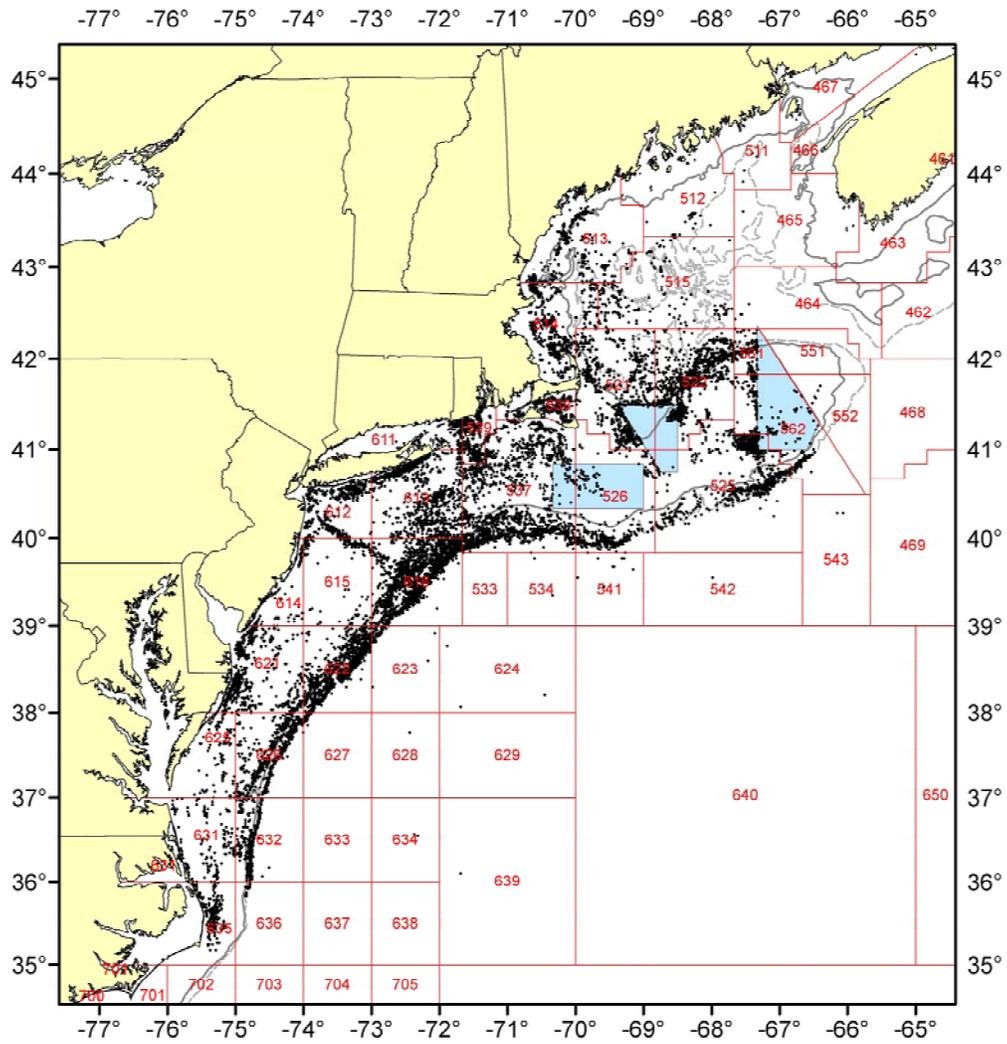


Figure 2.

1989-2006 Observer Coverage Small Mesh Otter Trawl

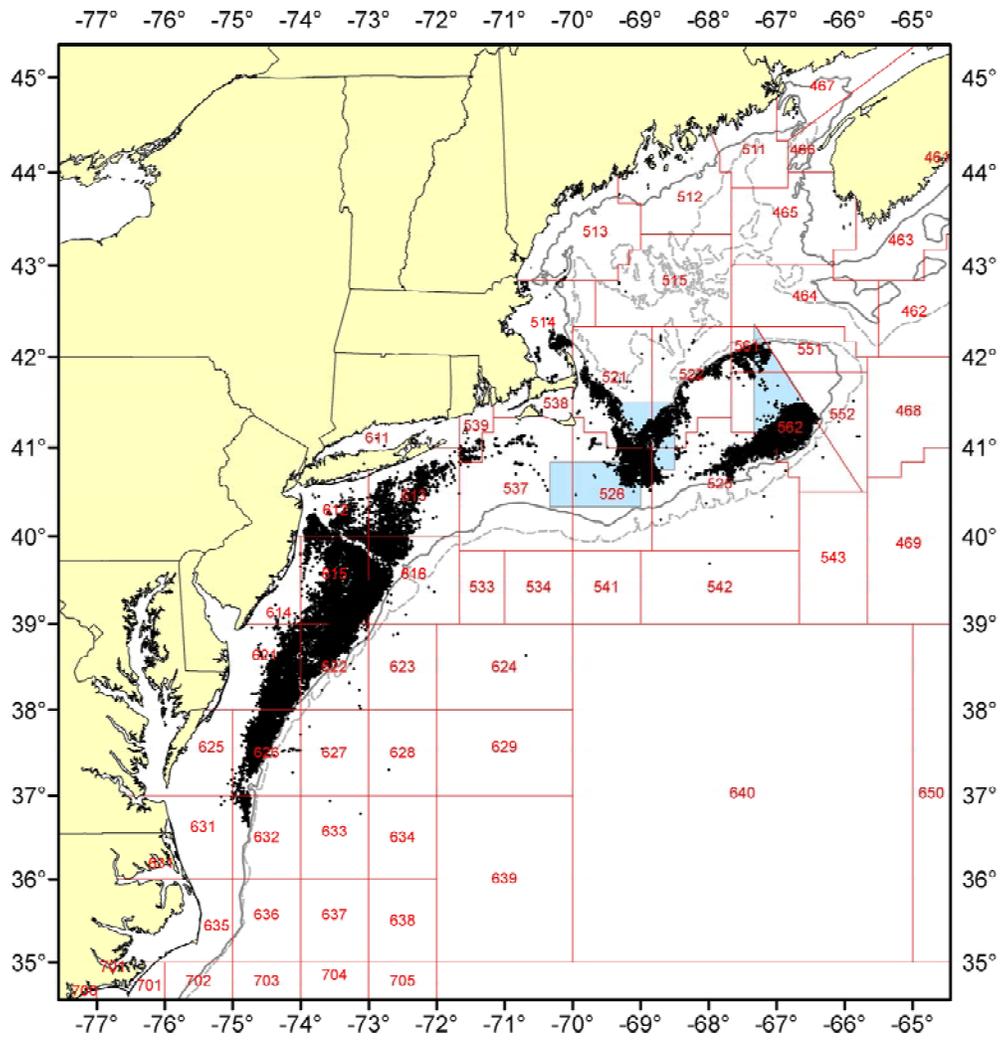


Figure 3.
1989-2006 Observer Coverage Scallop Dredge

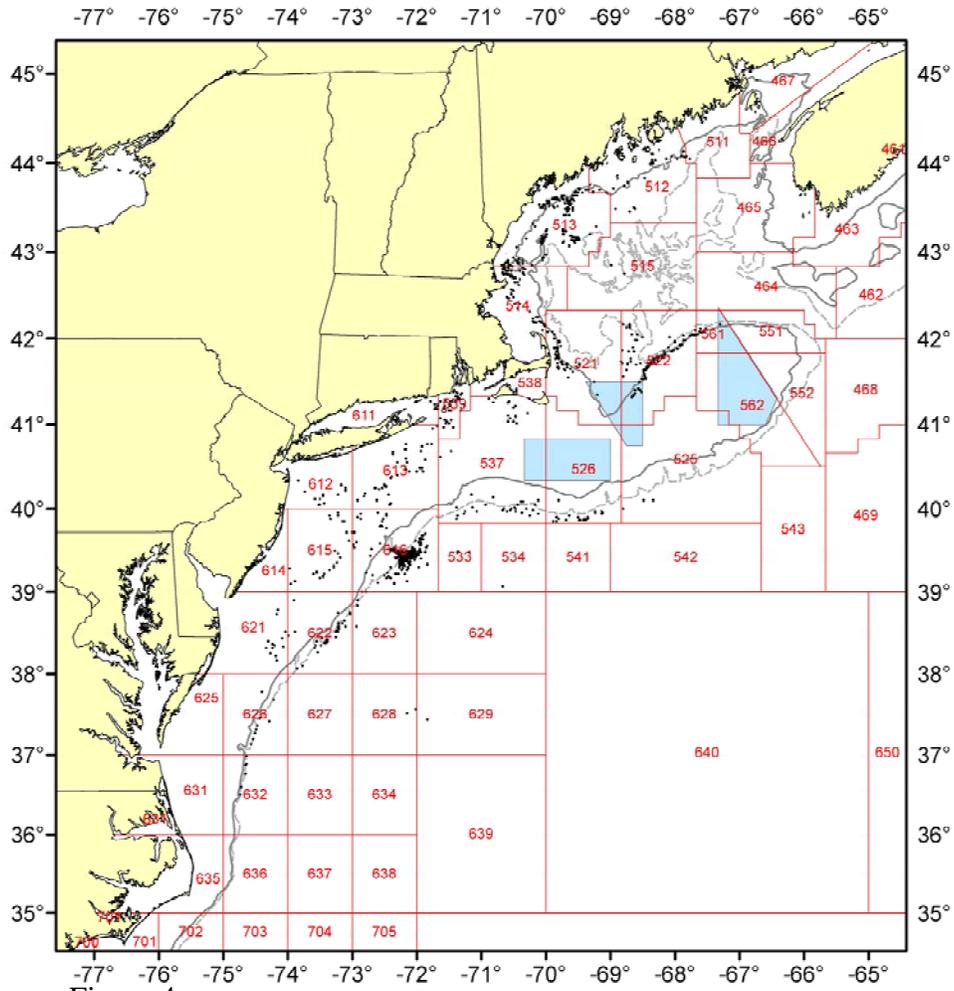


Figure 4.

1989-2006 Observer Coverage Midwater Single and Paired Otter Trawl

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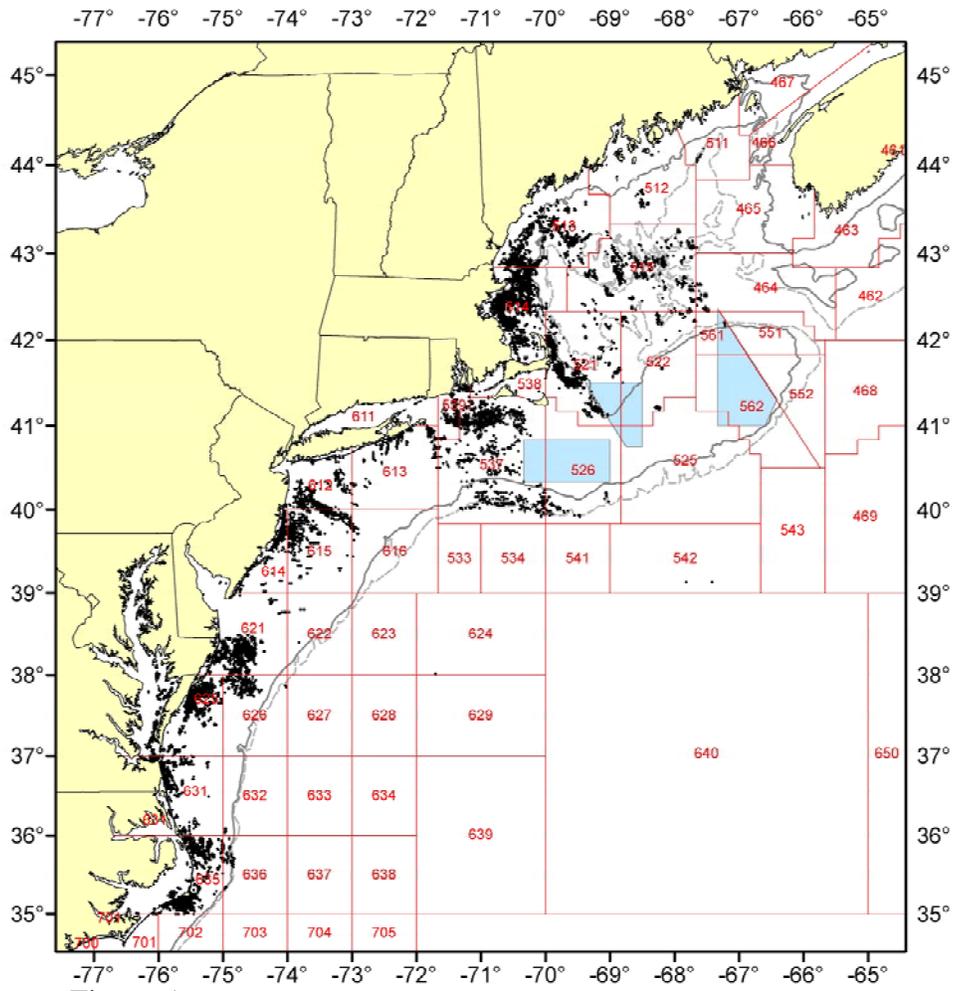


Figure 5.

1989-2006 Observer Coverage Gillnet

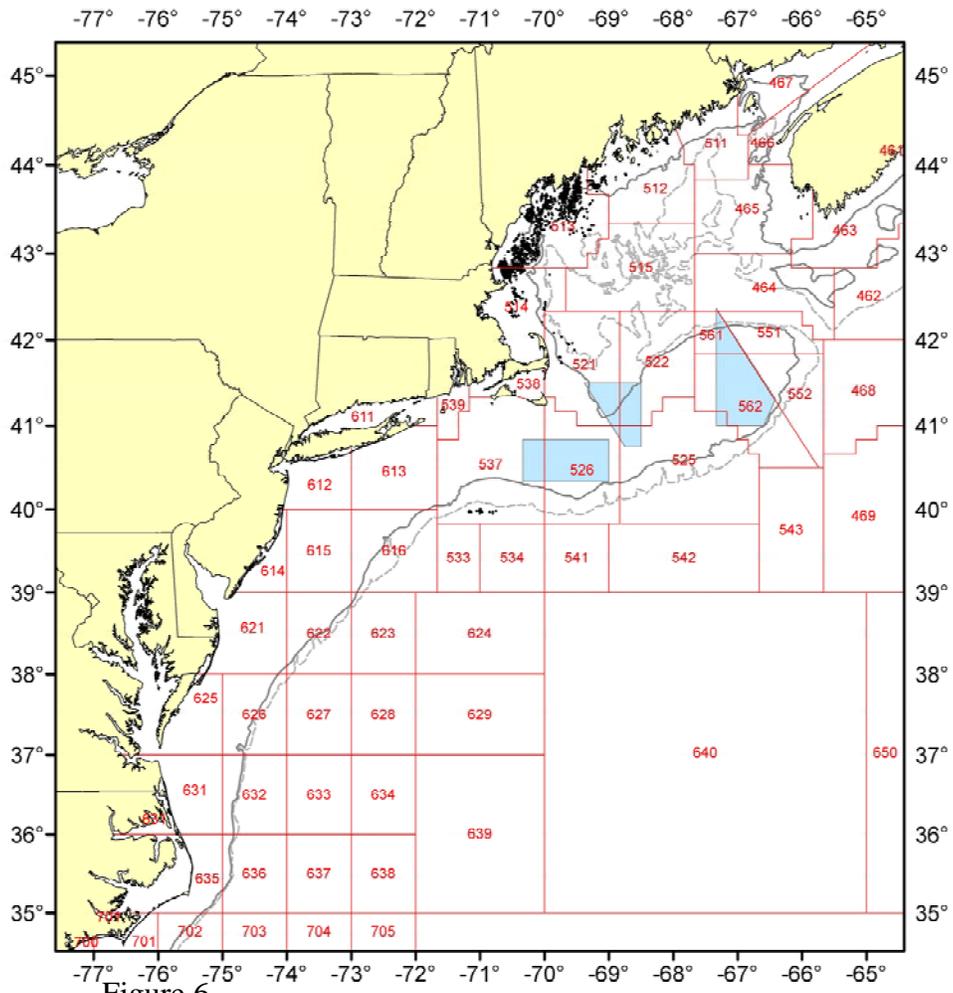


Figure 6.

1989-2006 Observer Coverage Shrimp Otter Trawl

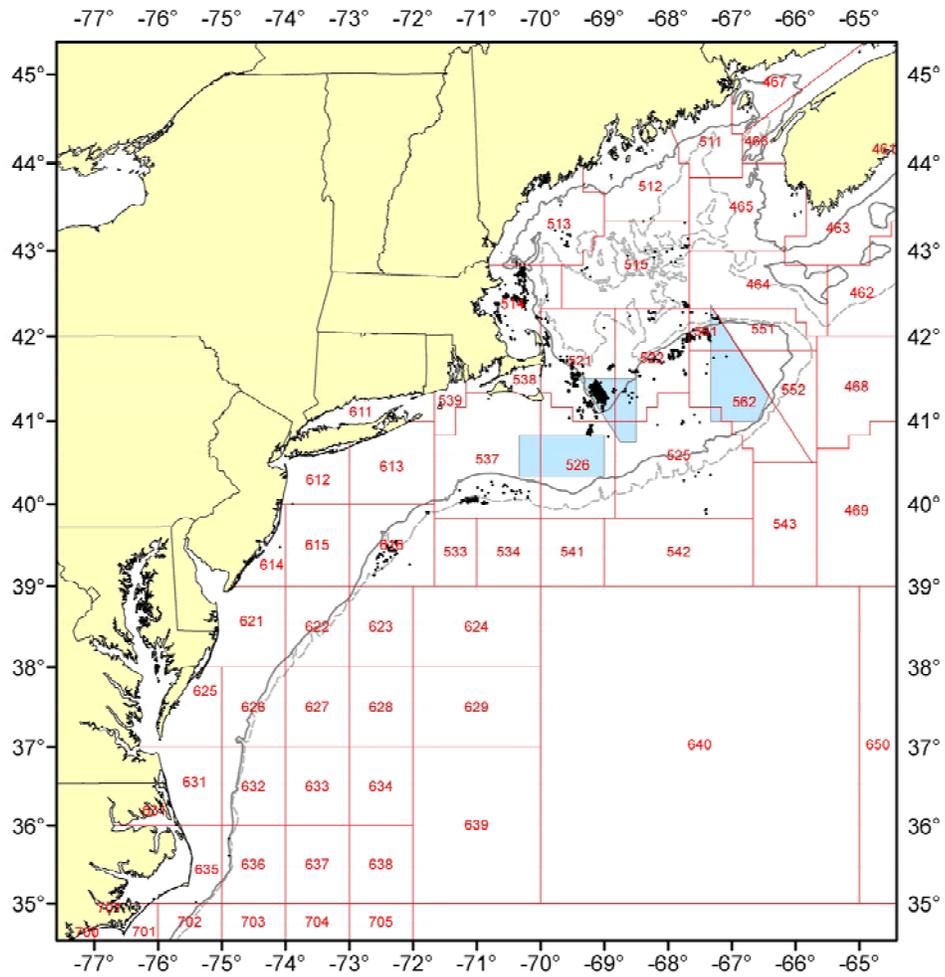


Figure 7.
1989-2006 Observer Coverage Longline

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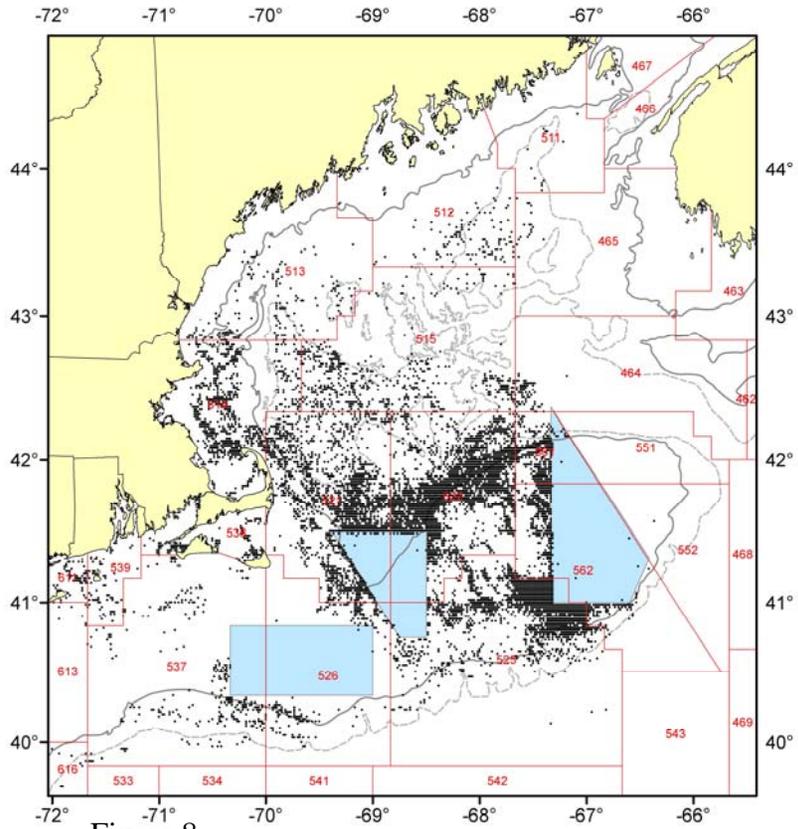
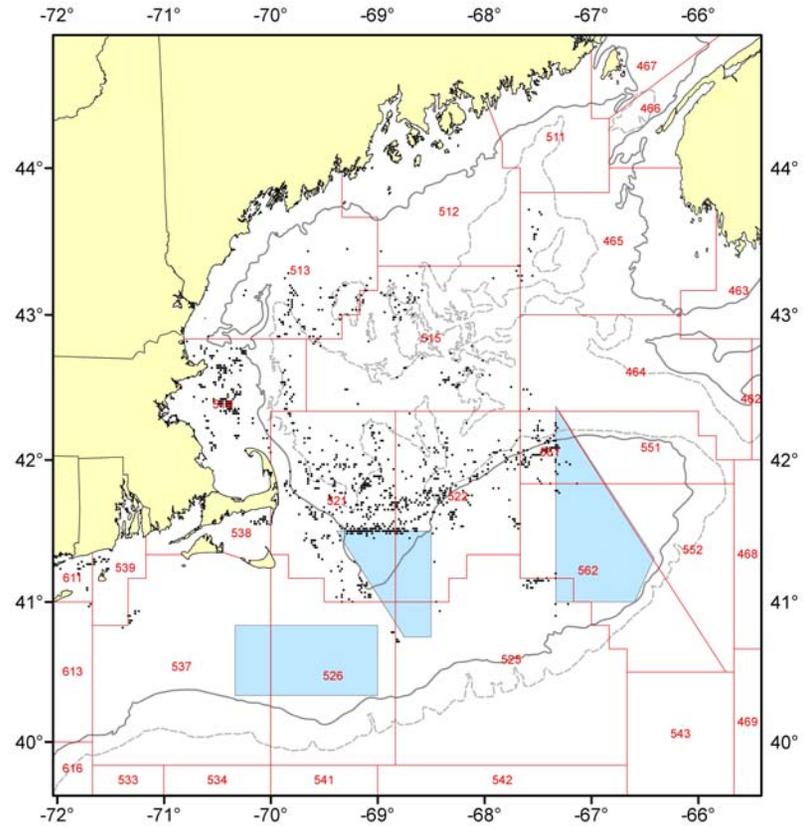


Figure 8.

2005 Observer Coverage Large Mesh Otter Trawl



2001 Observer Coverage Large Mesh Otter Trawl