RESOURCE SURVEY REPORT
Catch Summary
NOAA Fisheries Northeast Fisheries Science Center
Fall Bottom Trawl Survey
Cape Hatteras - Gulf of Maine
September 9 - October 27, 2004

Submitted to: NOAA, NEFSC

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Date: 2004

Resource Survey Report

Bottom Trawl Survey

Cape Hatteras - Gulf of Maine
September 9 - October 27, 2004
FRV ALBATROSS IV

NOAA Fisheries
Northeast Fisheries Science Center
Woods Hole, MA 02543

Scientists sorting the catch aboard the FRV Albatross IV during the Fall Bottom Trawl Survey 2004.

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This report consists of field notes, station and catch summaries and a series of geographical plots of commercial and recreational important species caught during the Northeast Fisheries Science Center's 2004 fall bottom trawl survey conducted by the *FRV ALBATROSS IV*. Tows were made with a #36 Yankee otter trawl rigged with rollers, 5 fathom legs and 1000 pound polyvalent doors. The cod end and upper belly were lined with 1/2-inch mesh to retain young-of-the-year fish.

Because of the 30-minute tow duration, and random selection of station locations, catches can be light compared with commercial tows. Also, vessel operations are on a 24-hour basis and catches have not been adjusted for day/night differences. Nevertheless, these data can provide fishermen with useful information about the distribution and relative abundance of species inhabiting the survey area (Cape Hatteras to the Gulf of Maine).

The data are now summarized from audited catch files generated from the Fisheries Scientific Computer System (FSCS). New species have been added and the species plots have been rearranged for easier use.

For further information contact Russell Brown (508-495-2380) or Linda Despres (508-495-2346), National Marine Fisheries Service, Northeast Fisheries Science Center, 166 Water Street, Woods Hole, MA 02543. To view this report on the Ecosystems Surveys Branch website, go to: **http://www.nefsc.noaa.gov/esb/Resource_Survey_Reports.htm**

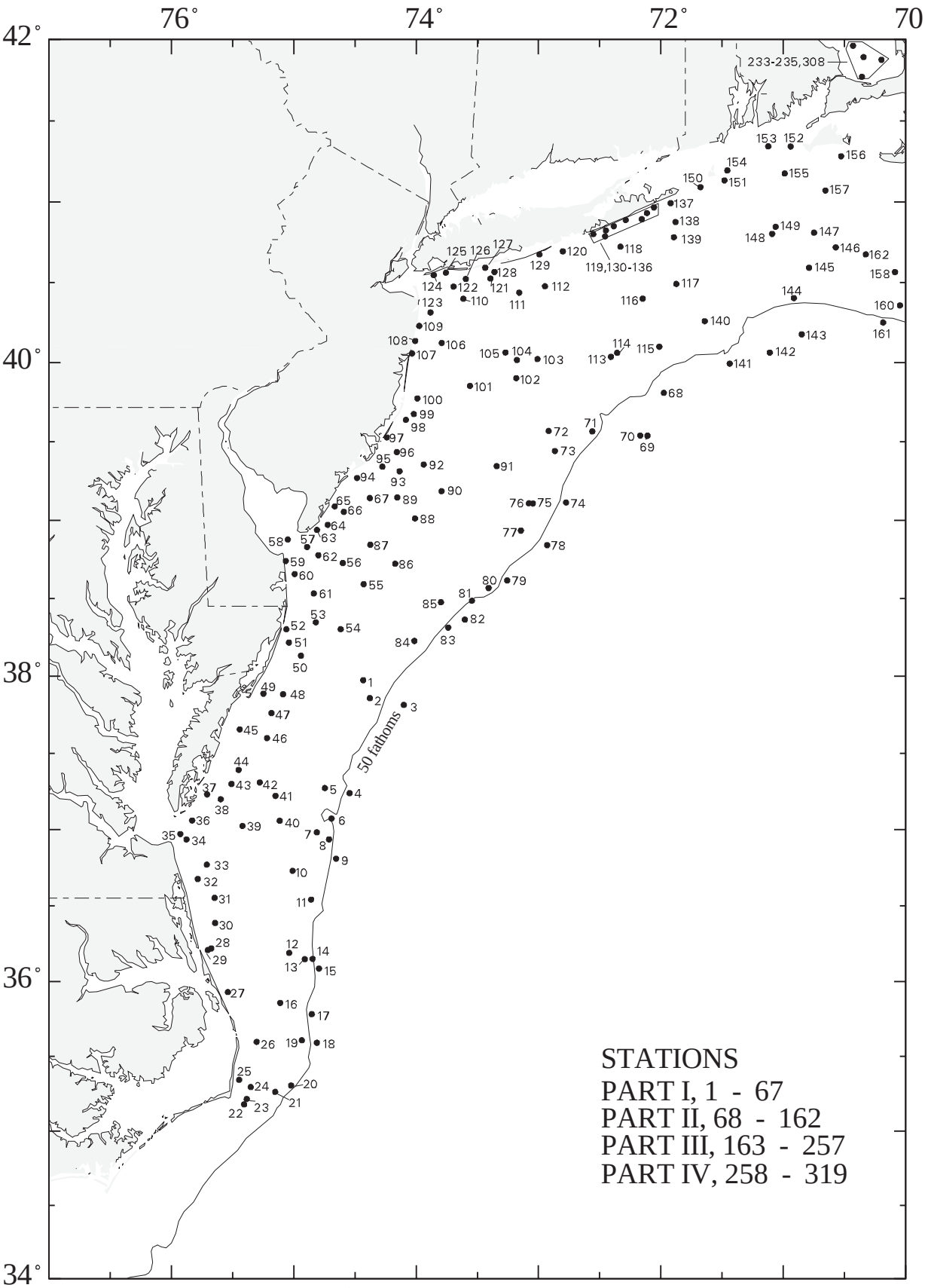

Figure 1. Trawl hauls made from R/V ALBATROSS IV (04 - 09), during NOAA Fisheries, Northeast Fisheries Science Center fall bottom trawl survey, Sept. 9 - Oct. 27, 2004.

Map 1 of 2

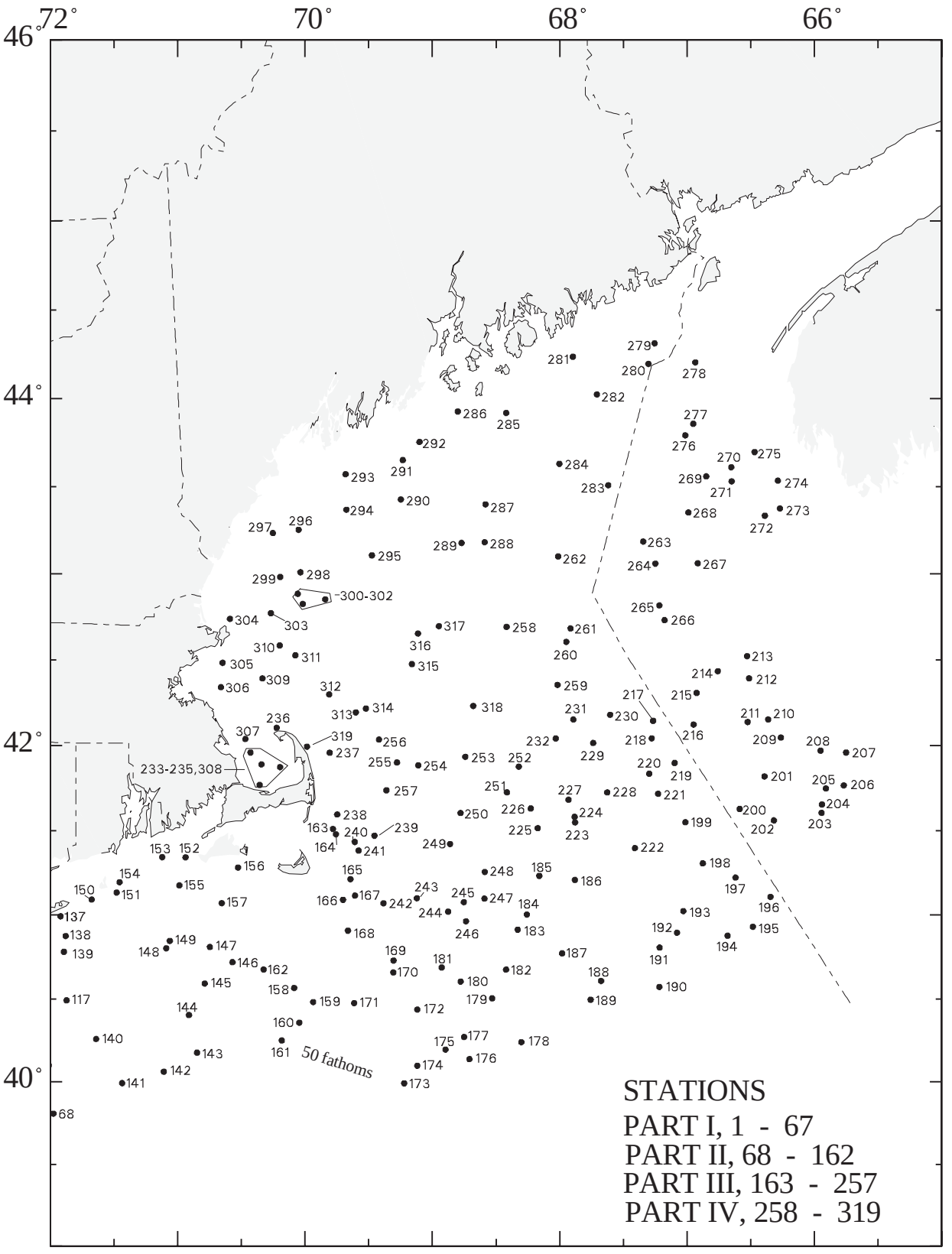

Figure 2. Trawl hauls made from R/V ALBATROSS IV (04 - 09), during NOAA Fisheries, Northeast Fisheries Science Center fall bottom trawl survey, Sept. 9 - Oct. 27, 2004

Map 2 of 2

Field Notes

In an effort to share some of the natural history observations made during the fall bottom trawl survey, we have requested that the Chief Scientist on each part of the cruise comment on some of the more interesting catches that were brought aboard the FRV ALBATROSS IV.

Species of Concern

In the Northeast Region, several species of concern that have received a petition for listing under the Endangered Species Act (ESA) and are currently undergoing formal status reviews include: Atlantic halibut, Atlantic sturgeon, Atlantic wolfish, barndoor skate, cusk and thorny skate. Species of concern are classified as those that are in danger of extinction or risk of becoming endangered or threatened but have insufficient data to list them under the ESA and are not warranted for listing at the time, but there's enough concern or uncertainty that remains regarding their extinction risk and/or threat.

During the first two parts of the survey, eight Atlantic sturgeon ranging in size from 50 to 80 inches (127 to 204 cm) were caught primarily off the mouth of the Delaware Bay and near the beaches of western Long Island. Whenever these animals come aboard (at station 128, four were caught), there is a mixture of awe, excitement and interest in tagging and releasing these armored creatures as soon as possible. Bigelow and Schroeder state that ripe males can grow to 6 to 7 feet and average 65 pounds while spawning females can grow up to 10 feet and 250 lbs. Fish from this year's survey averaged 61 pounds (27.6 kgs).

In the 41 year history of the survey, there are only two other cruises that brought aboard more sturgeon: the 1984 winter survey caught 9 fish and the 1982 winter survey caught 51 individuals; in both cases, the stations were in the inner most strata off from New York City. Sturgeon are anadromous (moving between fresh and salt water) bottom feeders that root in the sand and mud with their snouts which bring up their favorite food: worms and mollusks which they suck up into their toothless mouths. Atlantic sturgeon have been known to live up to 60 years with sexual maturity being reached between 7-12 years of age. Our fish were approximately 15 to 30 years old.

Fish Outside Their Normal Range

Leg II was a unique cruise because we sailed with only nine staff (we usually sail with 13-14) but we were still able to accomplish minimal sampling. There were not many southern species intruders and there seemed to be an overall lack of large roughtail stingrays and clearnose skates in the Mid-Atlantic Bight (MAB) inshore waters. Of note, we did catch four Atlantic torpedo rays from the western and inshore portions of the Southern New England waters. These impressive animals are generally seen on Georges Bank and in the Gulf of Maine. These specimens ranged in size from 32 to 54 inches (81 to 138 cm) total length; the largest one weighing121 pounds (55 kg).

Young Haddock Continue to Thrive

The 2003 year class of haddock continues to thrive. Age-one haddock were caught at 28 stations on Georges Bank. At several stations they dominated the catch, impressively filling our sorting box to the brim. The highest concentrations were observed at stations 192 and 191 on the Southeast part followed by stations 217 and 229 on the Northern Edge

with 3015, 2250, 1051, 736 individuals caught respectively. Catches of haddock in these numbers at this age are unprecedented in the survey's history.

Small Atlantic Halibut

Three smaller than usual (6 to 9 inch/15 to 23 cm) Atlantic halibut were caught in the Gulf of Maine and on Georges Bank. The smallest one was caught at station 167 on the eastern side of Nantucket Shoals. Only 15 individuals smaller than this specimen have been caught over the 41-year survey history.

Atlantic Wolfish and Atlantic Cod Captures

Conspicuous this year was the absence of Atlantic wolffish from the Gulf of Maine area. Only four individuals were captured this season compared with the 2004 spring survey total of nine. Of those four, only one was an adult at 28 inches (70 cm); the other 3 were all juveniles less than 8 inches (20 cm).

An interesting occurrence was that of young-of-the-year Atlantic cod; our totals showed a nice cluster of lengths from 2 to 4 inches (4 to 9 cm) with a mode at 3 inches (7 cm). It is nice to see some evidence of cod recruitment; in the past, we can remember seeing a scattering of young-of-the-year from cruise to cruise, but this seemed to be a more concentrated amount of fish. Catches of age 0+ Atlantic cod on the fall survey have generally been an inconsistent indicator of subsequent year class strength. Age 1 catches in the 2005 spring and fall bottom trawl surveys may generally provide a more consistent indicator of year class strength for the 2004 year class.

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NOAA Fisheries FALL BOTTOM TRAWL SURVEY
2004 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran TD's		Course	Bottom Depth (FM)	Temp (F)
0001	SEP-10	1956	3758.4	7426.0	X26849.1	Y42125.4	168	30.1	44.8
0002	SEP-10	2138	3751.4	7422.7	X26822.8	Y42054.8	115	36.6	45.1
0003	SEP-11	0020	3748.8	7406.1	X26734.9	Y42049.5	184	175.3	49.3
0004	SEP-11	0435	3714.3	7432.7	X26824.7	Y41646.3	197	69.4	52.9
0005	SEP-11	0630	3716.4	7444.8	X26883.1	Y41645.6	183	32.3	43.9
0006	SEP-11	0846	3704.4	7441.5	X26853.2	Y41525.1	114	62.3	52.2
0007	SEP-11	1051	3659.0	7448.7	X26878.7	Y41453.0	117	33.4	
0008	SEP-11	1155	3656.2	7442.7	X26848.8	Y41436.3	146	45.4	
0009	SEP-11	1335	3648.6	7439.3	X26825.2	Y41365.0	009	136.4	50.0
0010	SEP-11	1645	3643.8	7500.6	X26911.3	Y41267.0	188	17.8	56.8
0011	SEP-11	1848	3632.5	7451.5	X26859.5	Y41169.8	215	22.7	47.5
0012	SEP-11	2140	3611.3	7502.3	X26880.2	Y40925.6	116	21.9	56.8
0013	SEP-11	2308	3608.8	7454.6	X26846.9	Y40922.2	087	41.3	45.0
0014	SEP-12	0021	3608.9	7450.8	X26832.2	Y40934.2	173	51.1	45.3
0015	SEP-12	0149	3605.1	7447.7	X26815.9	Y40905.5	188	93.0	53.2
0016	SEP-12	0429	3551.4	7506.7	X26876.2	Y40714.6	119	19.4	53.8
0017	SEP-12	0711	3546.9	7451.2	X26813.0	Y40719.9	151	101.7	52.9
0018	SEP-12	0906	3535.5	7448.7	X26793.5	Y40621.8	161	58.8	57.6
0019	SEP-12	1051	3536.5	7456.1	X26821.9	Y40606.4	209	26.2	63.7
0020	SEP-12	1310	3518.3	7501.4	X26825.5	Y40423.6	228	34.7	67.8
0021	SEP-12	1429	3515.8	7509.2	X26851.2	Y40372.4	246	17.2	67.5
0022	SEP-12	1619	3510.7	7524.4	X26900.2	Y40270.6	325	8.5	75.6
0023	SEP-12	1808	3512.9	7523.1	X26898.0	Y40294.6	005	10.9	74.8
0024	SEP-12	1946	3517.7	7521.1	X26895.6	Y40345.4	022	12.8	71.4
0025	SEP-12	2119	3520.6	7526.9	X26918.8	Y40351.8	043	9.0	75.9
0026	SEP-12	2337	3535.8	7518.2	X26903.3	Y40526.3	334	14.5	69.3
0027	SEP-13	0223	3555.7	7532.4	X26978.4	Y40679.8	332	9.8	75.7
0028	SEP-13	0448	3613.1	7540.5	X27031.8	Y40840.4	328	12.0	74.7
0029	SEP-13	0630	3612.4	7542.2	X27037.6	Y40829.0	341	10.7	74.8
0030	SEP-13	0835	3623.2	7538.6	X27038.7	Y40954.6	349	12.8	72.0
0031	SEP-13	1024	3633.1	7538.8	X27054.2	Y41063.2	324	12.6	71.4
0032	SEP-13	1217	3640.6	7547.1	X27098.9	Y41127.6	015	8.2	72.5
0033	SEP-13	1419	3646.2	7542.7	X27090.1	Y41200.2	308	9.6	74.8
0034	SEP-13	1631	3656.2	7552.7	X27147.6	Y41292.7	084	6.8	78.3
0035	SEP-13	1805	3658.3	7555.7	X27163.8	Y41311.6	059	5.5	76.3
0036	SEP-13	1928	3703.6	7549.9	X27149.5	Y41383.5	046	5.5	76.3
0037	SEP-13	2128	3713.9	7542.6	X27137.0	Y41514.2	098	6.6	75.7
0038	SEP-13	2257	3712.0	7535.8	X27104.7	Y41504.2	234	9.8	75.2
0039	SEP-14	0103	3701.5	7525.2	X27041.4	Y41406.4	081	16.1	72.5
0040	SEP-14	0323	3703.5	7506.9	X26965.0	Y41464.9	358	19.7	49.5
0041	SEP-14	0508	3713.3	7509.0	X26988.6	Y41567.9	001	16.4	52.7
0042	SEP-14	0634	3718.5	7516.7	X27031.6	Y41612.2	281	16.4	62.4
0043	SEP-14	0821	3718.0	7530.6	X27092.2	Y41581.3	031	11.5	74.5
0044	SEP-14	0949	3723.5	7527.1	X27086.5	Y41649.8	006	12.8	73.0
0045	SEP-14	1202	3739.3	7526.5	X27113.2	Y41830.5	118	8.7	75.4
0046	SEP-14	1351	3735.9	7513.2	X27044.9	Y41811.9	026	13.4	71.4
0047	SEP-14	1532	3745.7	7511.0	X27052.0	Y41925.0	059	12.6	74.5
0048	SEP-14	1717	3753.0	7505.3	X27037.9	Y42015.0	052	8.2	73.8
0049	SEP-14	1911	3753.2	7514.9	X27085.0	Y42004.7	033	10.1	75.2

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2004 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran TD's		Course	Bottom Depth (FM)	Temp (F)
0050	SEP-14	2214	3807.9	7456.5	X27021.8	Y42192.9	022	11.8	73.6
0051	SEP-14	2351	3813.0	7502.4	X27061.8	Y42243.8	302	9.3	73.2
0052	SEP-15	0124	3818.1	7503.7	X27078.8	Y42300.1	041	8.5	73.6
0053	SEP-15	0406	3820.8	7449.2	X27008.4	Y42344.9	007	11.5	72.9
0054	SEP-15	0610	3818.2	7437.0	X26938.6	Y42327.3	033	21.6	52.9
0055	SEP-15	0854	3835.5	7425.7	X26906.9	Y42526.6	309	21.1	51.3
0056	SEP-15	1055	3843.6	7436.0	X26980.4	Y42608.3	293	16.4	65.1
0057	SEP-15	1301	3849.8	7453.5	X27093.4	Y42665.9	278	6.8	73.2
0058	SEP-15	1456	3852.7	7503.0	X27153.6	Y42692.5	353	7.1	73.4
0059	SEP-15	1704	3844.4	7504.0	X27139.1	Y42598.1	180	6.3	73.2
0060	SEP-15	1847	3839.4	7459.6	X27103.3	Y42544.7	131	9.8	73.4
0061	SEP-15	2023	3831.9	7450.2	X27036.0	Y42467.7	140	14.8	71.8
0062	SEP-15	2258	3846.7	7448.0	X27054.9	Y42634.0	089	9.3	72.7
0063	SEP-16	0048	3856.3	7448.6	X27080.8	Y42741.9	071	6.8	73.9
0064	SEP-16	0218	3858.3	7443.4	X27054.6	Y42766.3	038	7.4	73.8
0065	SEP-16	0344	3905.3	7439.9	X27050.6	Y42846.1	062	11.8	73.9
0066	SEP-16	0606	3903.2	7435.4	X27018.9	Y42824.8	082	8.7	72.9
0067	SEP-16	0758	3908.5	7422.7	X26953.0	Y42886.2	324	12.3	67.6
0068	SEP-21	0454	3948.5	7158.5	X26016.3	Y43253.7	220	73.5	52.5
0069	SEP-21	0749	3932.3	7206.5	X26076.8	Y43115.6	048	144.6	50.9
0070	SEP-21	0940	3932.3	7210.1	X26100.7	Y43117.0	038	89.7	53.2
0071	SEP-21	1230	3933.9	7233.6	X26262.1	Y43137.8	271	44.8	47.1
0072	SEP-21	1451	3934.0	7255.0	X26410.9	Y43145.2	139	33.4	45.5
0073	SEP-21	1622	3926.4	7251.9	X26384.3	Y43072.4	132	36.6	45.3
0074	SEP-21	1856	3906.8	7246.5	X26338.4	Y42886.5	201	67.0	52.5
0075	SEP-21	2108	3906.4	7302.7	X26442.3	Y42880.9	194	41.3	46.0
0076	SEP-21	2234	3906.5	7304.7	X26455.3	Y42881.3	197	38.5	45.5
0077	SEP-22	0020	3856.1	7308.6	X26472.4	Y42778.5	112	45.1	48.9
0078	SEP-22	0253	3850.5	7255.7	X26389.8	Y42728.9	204	149.6	50.7
0079	SEP-22	0534	3837.0	7315.3	X26500.0	Y42587.8	195	62.3	52.0
0080	SEP-22	0704	3834.0	7324.5	X26551.2	Y42553.1	221	45.4	45.1
0081	SEP-22	0833	3829.1	7332.7	X26594.5	Y42497.9	231	51.7	45.5
0082	SEP-22	1007	3821.8	7336.1	X26607.4	Y42421.6	188	71.6	51.8
0083	SEP-22	1136	3818.8	7344.3	X26650.3	Y42383.6	243	60.4	49.8
0084	SEP-22	1337	3813.6	7400.9	X26736.1	Y42314.4	045	39.1	46.4
0085	SEP-22	1604	3828.6	7347.8	X26680.9	Y42481.0	301	33.6	45.9
0086	SEP-22	1856	3843.4	7410.3	X26831.3	Y42621.4	306	23.2	49.8
0087	SEP-22	2045	3850.7	7422.5	X26915.9	Y42692.9	048	15.9	68.9
0088	SEP-22	2321	3900.7	7400.6	X26801.3	Y42809.9	322	21.1	64.9
0089	SEP-23	0103	3908.8	7409.2	X26869.8	Y42892.8	080	16.7	69.4
0090	SEP-23	0320	3911.1	7347.6	X26736.2	Y42921.7	062	23.5	65.3
0091	SEP-23	0623	3920.6	7320.5	X26571.8	Y43019.4	266	25.7	48.0
0092	SEP-23	0934	3921.3	7356.3	X26810.1	Y43026.7	221	15.0	68.5
0093	SEP-23	1105	3918.7	7408.1	X26882.2	Y42998.8	265	13.1	69.8
0094	SEP-23	1317	3916.2	7429.0	X27008.9	Y42968.6	053	8.5	70.5
0095	SEP-23	1524	3920.5	7416.6	X26940.0	Y43016.5	046	9.8	70.5
0096	SEP-23	1730	3926.0	7409.5	X26906.0	Y43076.1	023	10.4	70.2
0097	SEP-23	1902	3931.6	7414.4	X26950.5	Y43136.1	032	5.5	69.6
0098	SEP-23	2037	3938.2	7405.0	X26902.9	Y43205.1	036	8.5	69.8

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2004 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran TD's		Course	Bottom Depth (FM)	Temp (F)
0099	SEP-23	2225	3940.5	7401.1	X26881.1	Y43227.4	060	11.8	69.8
0100	SEP-23	2345	3946.4	7359.4	X26882.2	Y43288.5	073	11.5	70.0
0101	SEP-24	0222	3951.1	7333.6	X26708.3	Y43326.0	078	18.9	
0102	SEP-24	0439	3954.0	7310.9	X26547.1	Y43342.7	119	30.6	47.7
0103	SEP-24	0652	4001.2	7300.5	X26479.6	Y43404.6	274	26.0	47.7
0104	SEP-24	0817	4000.9	7310.6	X26554.8	Y43408.0	300	25.2	48.7
0105	SEP-24	0924	4003.7	7316.2	X26601.7	Y43438.9	270	23.5	51.4
0106	SEP-24	1207	4007.3	7347.4	X26843.7	Y43496.5	181	15.9	68.0
0107	SEP-24	1402	4003.4	7402.0	X26941.6	Y43466.1	012	8.2	69.6
0108	SEP-24	1554	4008.1	7400.5	X26942.2	Y43513.4	017	10.1	69.4
0109	SEP-24	1825	4013.7	7358.5	X26942.1	Y43569.7	020	9.0	69.4
0110	SEP-24	2057	4023.9	7336.9	X26802.2	Y43651.8	110	11.8	68.9
0111	SEP-24	2335	4026.2	7309.4	X26589.8	Y43645.3	085	17.2	67.8
0112	SEP-25	0111	4028.6	7256.8	X26492.3	Y43653.5	130	22.1	58.6
0113	SEP-25	0514	4002.1	7224.5	X26207.8	Y43387.7	136	37.7	47.1
0114	SEP-25	0636	4003.6	7221.4	X26185.3	Y43399.0	076	38.3	47.1
0115	SEP-25	0856	4005.9	7200.7	X26029.4	Y43404.0	330	38.8	47.3
0116	SEP-25	1118	4024.0	7208.9	X26098.3	Y43563.6	036	32.8	48.6
0117	SEP-25	1323	4029.5	7152.4	X25967.9	Y43592.7	299	36.4	48.2
0118	SEP-25	1633	4043.4	7219.8	X26208.7	Y43738.3	310	21.1	55.0
0119	SEP-25	1752	4047.2	7227.3	X26278.8	Y43780.3	236	15.9	66.2
0120	SEP-25	2009	4041.6	7248.0	X26443.8	Y43759.2	237	14.2	67.6
0121	SEP-25	2336	4031.5	7323.6	X26714.4	Y43709.8	249	10.4	69.1
0122	SEP-26	0135	4028.5	7341.7	X26851.3	Y43701.0	280	13.1	68.5
0123	SEP-26	0343	4018.8	7353.0	X26913.7	Y43616.3	011	12.6	67.6
0124	SEP-26	0606	4032.8	7351.4	X26939.5	Y43754.1	060	7.4	68.4
0125	SEP-26	0755	4033.7	7345.4	X26894.9	Y43756.0	090	7.4	68.2
0126	SEP-26	0916	4031.3	7335.6	X26810.5	Y43721.9	086	10.4	67.6
0127	SEP-26	1051	4035.5	7326.1	X26744.7	Y43751.0	089	5.2	69.1
0128	SEP-26	1243	4033.9	7321.6	X26704.2	Y43730.6	071	9.6	69.3
0129	SEP-26	1509	4040.5	7259.5	X26537.3	Y43763.6	058	6.3	67.5
0130	SEP-26	1738	4048.0	7233.1	X26329.5	Y43794.8	073	8.7	66.6
0131	SEP-27	1859	4049.4	7227.0	X26279.4	Y43798.0	267	9.6	65.7
0132	SEP-26	2025	4051.0	7223.0	X26248.3	Y43805.8	055	9.0	65.7
0133	SEP-26	2133	4053.3	7217.2	X26202.3	Y43816.6	062	9.0	65.1
0134	SEP-26	2246	4053.6	7209.3	X26134.6	Y43808.1	059	14.8	63.3
0135	SEP-27	0040	4055.9	7206.8	X26116.4	Y43823.1	060	10.9	65.1
0136	SEP-27	0205	4058.0	7203.4	X26089.9	Y43835.0	066	8.5	65.5
0137	SEP-27	0321	4059.6	7155.2	X26020.7	Y43835.7	040	10.4	63.5
0138	SEP-27	0505	4052.5	7152.8	X25989.5	Y43777.6	178	21.3	55.2
0139	SEP-27	0621	4046.9	7153.6	X25990.1	Y43734.2	155	24.1	53.4
0140	SEP-27	1005	4015.5	7138.5	X25858.5	Y43466.4	090	45.1	49.5
0141	SEP-27	1252	3959.5	7126.2	X25781.1	Y43328.1	027	61.8	51.8
0142	SEP-27	1510	4003.7	7106.5	X25640.8	Y43348.9	093	113.7	53.1
0143	SEP-27	1720	4010.6	7050.9	X25524.5	Y43391.4	347	70.0	52.5
0144	SEP-27	1930	4024.2	7054.7	X25524.5	Y43497.2	115	47.6	48.9
0145	SEP-27	2138	4035.5	7047.3	X25450.8	Y43574.4	085	36.4	48.7
0146	SEP-27	2331	4043.1	7034.2	X25340.3	Y43616.4	325	30.6	57.2
0147	SEP-28	0104	4048.6	7044.8	X25412.6	Y43666.5	261	31.2	52.2

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0148	SEP-28	0315	4048.1	7105.4	X25581.4	Y43686.1	327	31.2	50.5
0149	SEP-28	0439	4050.8	7103.7	X25566.8	Y43703.6	313	31.7	50.2
0150	SEP-28	0811	4105.5	7140.5	X25901.4	Y43860.5	065	16.1	55.8
0151	SEP-28	1000	4108.0	7128.8	X25801.0	Y43862.3	172	13.9	56.3
0152	SEP-29	1337	4120.6	7056.3	X25535.7	Y43904.4	100	16.1	62.8
0153	SEP-29	1735	4120.6	7107.3	X25635.0	Y43920.8	037	13.9	63.0
0154	SEP-29	2209	4111.7	7127.4	X25795.4	Y43887.1	020	17.8	63.1
0155	SEP-30	0143	4110.6	7059.2	X25540.5	Y43839.7	021	18.9	61.2
0156	SEP-30	0440	4116.9	7031.5	X25302.5	Y43845.9	142	13.1	62.1
0157	SEP-30	0645	4104.3	7039.2	X25356.3	Y43770.0	153	24.6	57.0
0158	SEP-30	1135	4033.9	7005.1	X25190.5	Y43524.6	131	32.5	55.8
0159	SEP-30	1311	4028.8	6956.2	W14117.3	Y43482.5	210	38.5	54.9
0160	SEP-30	1440	4021.4	7002.7	X25222.1	Y43435.9	259	45.1	51.3
0161	SEP-30	1621	4015.0	7010.9	X25281.7	Y43396.4	102	51.7	53.1
0162	SEP-30	1941	4040.5	7019.5	X25247.6	Y43583.5	313	27.3	57.7
0163	OCT-04	1912	4130.6	6946.9	W13828.3	Y43874.9	336	11.5	57.4
0164	OCT-04	2010	4128.8	6945.4	W13828.5	Y43861.5	325	11.8	
0165	OCT-04	2309	4112.8	6938.6	W13858.8	Y43754.5	167	12.0	57.0
0166	OCT-05	0133	4105.5	6942.1	W13907.6	Y43711.9	196	23.0	56.7
0167	OCT-05	0424	4107.0	6936.5	W13871.4	Y43715.4	234	16.7	56.5
0168	OCT-05	0629	4054.4	6939.8	W13938.4	Y43638.7	019	21.9	57.0
0169	OCT-05	0935	4043.7	6918.3	W13867.8	Y43550.3	208	27.9	54.7
0170	OCT-05	1109	4039.4	6918.4	W13884.3	Y43522.8	222	24.6	57.4
0171	OCT-05	1346	4028.5	6936.8	W14018.1	Y43465.2	095	36.4	52.9
0172	OCT-05	1652	4026.1	6907.1	W13877.0	Y43428.8	190	44.6	51.6
0173	OCT-05	2034	3959.5	6913.2	W13998.2	Y43257.5	040	129.6	47.8
0174	OCT-05	2214	4005.8	6907.1	W13947.5	Y43296.8	062	75.5	54.1
0175	OCT-06	0018	4011.7	6853.8	W13864.1	Y43328.0	098	68.1	55.2
0176	OCT-06	0203	4008.2	6842.5	W13823.2	Y43300.4	078	90.5	53.2
0177	OCT-06	0407	4016.2	6845.1	W13806.7	Y43352.4	087	56.6	55.4
0178	OCT-06	0748	4014.4	6818.1	W13688.8	Y43326.9	031	156.7	50.9
0179	OCT-06	1041	4030.1	6831.8	W13692.8	Y43431.2	273	45.9	49.6
0180	OCT-06	1235	4036.2	6846.6	W13740.1	Y43478.3	291	35.5	54.5
0181	OCT-06	1412	4041.2	6855.6	W13763.9	Y43516.4	082	36.1	53.4
0182	OCT-06	1722	4040.5	6825.2	W13621.8	Y43489.6	033	34.7	50.9
0183	OCT-06	1937	4054.8	6819.8	W13537.7	Y43570.2	047	25.7	58.5
0184	OCT-06	2105	4100.2	6815.5	W13494.7	Y43598.2	025	28.2	59.4
0185	OCT-06	2316	4114.0	6809.6	W13407.0	Y43671.8	104	22.4	60.8
0186	OCT-07	0125	4112.5	6752.8	W13337.4	Y43648.9	180	19.1	60.3
0187	OCT-07	0438	4046.3	6758.8	W13477.6	Y43505.5	129	39.4	50.9
0188	OCT-07	0651	4036.4	6740.5	W13437.9	Y43436.8	198	50.6	48.7
0189	OCT-07	0851	4029.7	6745.4	W13486.1	Y43400.8	163	71.6	52.3
0190	OCT-07	1205	4034.3	6713.0	W13331.9	Y43409.5	052	71.6	52.3
0191	OCT-07	1417	4048.4	6712.9	W13272.6	Y43486.9	039	51.1	45.7
0192	OCT-07	1548	4053.7	6704.7	W13216.7	Y43510.6	010	45.9	45.3
0193	OCT-07	1719	4101.4	6701.7	W13171.0	Y43549.9	109	38.8	47.8
0194	OCT-07	1947	4052.6	6640.9	W13128.0	Y43490.3	058	63.2	44.2
0195	OCT-07	2157	4055.8	6629.0	W13069.0	Y43500.1	057	250.4	42.3
0196	OCT-08	0054	4106.5	6620.6	W12991.5	Y43549.4	037	200.1	43.9

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0197	OCT-08	0327	4113.4	6637.1	W13021.7	Y43595.0	279	44.8	44.4
0198	OCT-08	0517	4118.4	6652.6	W13057.7	Y43632.1	328	38.3	47.7
0199	OCT-08	0751	4133.0	6700.8	W13021.3	Y43713.1	069	32.8	55.6
0200	OCT-08	1027	4137.7	6635.2	W12899.9	Y43715.4	034	39.6	52.0
0201	OCT-08	1247	4149.2	6623.5	W12800.6	Y43761.2	139	44.6	47.8
0202	OCT-08	1503	4133.7	6619.0	W12860.3	Y43682.8	084	48.1	45.5
0203	OCT-08	1725	4136.3	6556.6	W12769.5	Y43678.8	030	81.2	46.4
0204	OCT-08	1858	4139.3	6556.4	W12754.7	Y43692.7	018	59.3	43.2
0205	OCT-08	2032	4144.9	6554.5	W12721.4	Y43717.8	000	59.6	41.5
0206	OCT-08	2214	4146.0	6546.1	W12688.4	Y43716.5	021	82.3	43.5
0207	OCT-09	0047	4157.6	6545.0	W12628.3	Y43768.7	322	130.1	44.4
0208	OCT-09	0233	4158.3	6557.0	W12664.1	Y43781.6	332	57.4	42.8
0209	OCT-09	0443	4202.9	6615.8	W12704.5	Y43818.9	320	47.6	43.0
0210	OCT-09	0731	4209.2	6621.7	W12692.7	Y43853.6	274	98.7	45.3
0211	OCT-09	0903	4208.3	6631.4	W12732.0	Y43858.6	268	51.9	44.1
0212	OCT-09	1215	4223.6	6630.7	W12648.4	Y43928.2	333	160.8	46.8
0213	OCT-09	1407	4231.4	6631.7	W12609.4	Y43964.2	284	135.6	46.8
0214	OCT-09	1623	4226.1	6645.5	W12688.6	Y43954.8	274	184.8	46.6
0215	OCT-09	1840	4218.5	6655.5	W12767.7	Y43930.2	267	160.8	46.9
0216	OCT-09	2051	4207.4	6656.9	W12832.4	Y43879.2	265	36.1	53.8
0217	OCT-09	2310	4208.8	6715.9	W12901.8	Y43905.3	247	58.2	41.4
0218	OCT-10	0043	4202.6	6716.6	W12937.1	Y43875.8	125	24.9	50.7
0219	OCT-10	0246	4153.9	6705.8	W12937.9	Y43822.5	264	29.0	56.5
0220	OCT-10	0459	4150.1	6717.8	W13006.1	Y43815.2	146	27.6	58.3
0221	OCT-10	0647	4143.1	6713.6	W13024.2	Y43775.6	289	29.8	57.7
0222	OCT-10	0938	4123.9	6724.6	W13162.5	Y43686.0	251	24.1	59.2
0223	OCT-10	1248	4133.0	6752.7	W13241.9	Y43760.1	338	21.3	61.0
0224	OCT-10	1408	4134.9	6753.0	W13233.5	Y43770.9	179	19.1	
0225	OCT-10	1629	4130.9	6810.4	W13332.5	Y43766.4	318	20.8	59.5
0226	OCT-10	1746	4137.9	6813.6	W13314.5	Y43807.8	351	21.6	59.4
0227	OCT-10	1955	4141.0	6755.8	W13217.1	Y43805.8	069	17.2	60.6
0228	OCT-10	2156	4143.5	6737.6	W13123.3	Y43800.9	333	17.5	59.7
0229	OCT-11	0042	4200.9	6744.2	W13063.7	Y43897.0	079	46.8	41.5
0230	OCT-11	0303	4210.9	6736.2	W12976.2	Y43937.5	313	111.3	46.6
0231	OCT-11	0545	4209.2	6753.5	W13061.9	Y43949.1	242	121.7	45.1
0232	OCT-11	0802	4202.5	6801.9	W13135.3	Y43924.9	211	113.5	45.3
0233	OCT-12	0640	4146.2	7021.4	X25372.5	Y44018.7	067	10.4	59.4
0234	OCT-12	0835	4152.5	7011.8	X25357.0	Y44042.0	210	13.4	57.4
0235	OCT-12	1134	4153.4	7020.5	X25416.8	Y44061.2	191	17.2	58.6
0236	OCT-12	1534	4206.3	7013.4	X25464.8	Y44125.6	275	33.9	48.4
0237	OCT-12	2116	4157.5	6948.4	W13713.2	Y44036.5	308	56.6	43.5
0238	OCT-13	0022	4135.8	6944.8	W13794.2	Y43903.3	351	18.9	56.5
0239	OCT-13	0320	4128.2	6927.3	W13731.6	Y43836.1	313	22.4	53.1
0240	OCT-13	0603	4126.0	6936.6	W13791.6	Y43833.9	310	14.5	57.6
0241	OCT-13	0838	4123.0	6934.8	W13795.2	Y43812.9	177	16.4	57.6
0242	OCT-13	1219	4104.2	6923.0	W13811.4	Y43684.2	339	22.7	56.3
0243	OCT-13	1431	4106.0	6907.3	W13722.9	Y43679.5	106	50.9	45.5
0244	OCT-13	1630	4101.2	6852.5	W13668.5	Y43636.5	005	38.8	51.6
0245	OCT-13	1805	4104.6	6845.2	W13617.8	Y43649.9	159	35.3	52.5

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0246	OCT-13	1951	4057.8	6844.2	W13641.6	Y43608.1	133	35.3	57.0
0247	OCT-13	2138	4105.9	6835.4	W13565.0	Y43648.5	176	29.8	57.7
0248	OCT-13	2347	4115.4	6835.3	W13522.7	Y43703.7	322	35.0	55.0
0249	OCT-14	0217	4125.3	6851.6	W13559.1	Y43777.8	027	78.5	40.5
0250	OCT-14	0448	4136.3	6846.7	W13483.4	Y43835.2	055	82.8	40.1
0251	OCT-14	0730	4143.6	6824.9	W13340.1	Y43851.1	026	95.7	40.5
0252	OCT-14	0931	4152.7	6819.3	W13268.1	Y43893.4	020	112.4	42.8
0253	OCT-14	1219	4156.1	6844.5	W13375.1	Y43942.2	257	77.6	40.1
0254	OCT-14	1512	4153.1	6906.6	W13504.6	Y43953.8	034	104.7	40.5
0255	OCT-14	1717	4154.1	6916.7	W13553.5	Y43972.8	319	108.3	40.3
0256	OCT-14	1926	4202.2	6925.1	W13559.6	Y44029.5	178	112.6	40.3
0257	OCT-14	2211	4144.3	6921.6	W13627.5	Y43923.5	214	94.6	40.3
0258	OCT-19	0241	4241.5	6825.0	W13030.1	Y44147.9	136	108.0	43.5
0259	OCT-19	0617	4221.3	6801.0	W13030.3	Y44018.3	033	93.0	44.1
0260	OCT-19	0855	4236.3	6756.9	W12926.6	Y44085.6	278	102.8	46.4
0261	OCT-19	1040	4241.0	6754.9	W12890.5	Y44104.9	344	98.7	46.0
0262	OCT-19	1418	4306.0	6800.7	W12766.7	Y44226.4	078	96.5	42.4
0263	OCT-19	1801	4311.1	6720.6	W12561.8	Y44194.9	150	101.7	44.2
0264	OCT-19	1951	4303.5	6714.9	W12586.0	Y44154.9	235	119.8	46.2
0265	OCT-19	2246	4249.0	6713.1	W12665.2	Y44089.2	240	112.4	46.4
0266	OCT-20	0048	4243.9	6710.6	W12685.0	Y44063.4	045	118.9	46.9
0267	OCT-20	0358	4303.6	6655.0	W12508.6	Y44131.1	355	99.2	45.9
0268	OCT-20	0656	4321.1	6659.3	W12417.4	Y44209.5	071	109.9	45.7
0269	OCT-20	0936	4333.5	6650.9	W12308.9	Y44249.0	059	81.7	45.5
0270	OCT-20	1122	4336.6	6639.1	W12249.0	Y44246.6	154	65.6	45.1
0271	OCT-20	1242	4331.8	6639.0	W12278.8	Y44227.4	165	59.3	45.7
0272	OCT-20	1522	4320.0	6623.3	W12300.3	Y44161.7	315	35.3	51.6
0273	OCT-20	1844	4322.5	6616.2	W12262.9	Y44163.5	356	36.4	50.9
0274	OCT-20	2130	4332.0	6617.2	W12208.2	Y44202.2	348	41.8	48.6
0275	OCT-20	2349	4341.8	6628.1	W12181.0	Y44253.3	165	47.6	46.8
0276	OCT-21	0344	4347.5	6700.8	W12252.5	Y44316.3	206	94.3	43.5
0277	OCT-21	0604	4351.5	6657.1	W12213.5	Y44326.5	225	97.1	43.5
0278	OCT-21	1011	4412.3	6656.1	W12069.3	Y44402.1	082	95.7	43.5
0279	OCT-21	1314	4418.8	6715.3	W12089.6	Y44451.0	229	100.3	44.1
0280	OCT-21	1532	4411.9	6718.2	W12149.4	Y44430.2	243	109.9	43.9
0281	OCT-21	2000	4414.3	6753.8	W12274.5	Y44489.8	063	41.0	48.9
0282	OCT-21	2250	4401.5	6742.4	W12317.9	Y44426.3	241	95.1	44.2
0283	OCT-22	0351	4330.5	6737.1	W12506.2	Y44297.5	278	124.7	46.0
0284	OCT-22	0639	4337.8	6800.1	W12558.1	Y44359.9	265	109.9	44.4
0285	OCT-22	1035	4355.2	6825.2	W12557.6	Y44466.1	046	53.9	46.8
0286	OCT-22	1406	4355.7	6848.0	W12671.1	Y44504.2	099	50.3	48.9
0287	OCT-22	1906	4323.9	6834.9	W12818.1	Y44354.3	237	88.3	43.0
0288	OCT-22	2244	4310.9	6835.3	W12903.8	Y44298.2	046	97.6	42.3
0289	OCT-23	0134	4310.6	6846.2	W12961.7	Y44313.7	020	93.5	42.4
0290	OCT-23	0533	4325.6	6914.8	W13021.7	Y44425.5	021	89.7	40.3
0291	OCT-23	0857	4339.1	6913.9	W12927.7	Y44480.7	016	68.1	46.0
0292	OCT-23	1320	4345.3	6906.1	W12841.4	Y44492.9	212	51.1	48.6
0293	OCT-23	1744	4334.2	6940.9	W13117.6	Y44507.3	227	55.5	46.2
0294	OCT-23	2053	4322.0	6940.5	W13193.9	Y44454.0	024	87.8	40.6

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0295	OCT-24	0139	4306.3	6928.5	W13221.0	Y44362.2	053	87.8	41.7
0296	OCT-24	0556	4315.1	7003.0	X25856.2	Y44463.3	168	76.8	40.6
0297	OCT-24	0853	4314.0	7015.2	X25908.1	Y44480.6	358	57.1	45.3
0298	OCT-24	1352	4300.5	7002.2	X25765.5	Y44393.1	354	30.6	48.6
0299	OCT-24	1623	4258.9	7011.7	X25801.7	Y44402.6	081	91.3	40.3
0300	OCT-24	1850	4253.0	7003.4	X25725.7	Y44359.0	049	70.5	43.3
0301	OCT-24	2137	4249.5	7001.1	X25692.6	Y44337.3	337	88.6	41.4
0302	OCT-25	0132	4251.1	6950.5	W13440.8	Y44326.8	104	138.3	42.4
0303	OCT-25	0518	4246.3	7016.1	X25746.5	Y44348.1	043	32.5	48.0
0304	OCT-25	0803	4244.3	7035.4	X25841.4	Y44373.4	146	42.1	46.8
0305	OCT-25	1039	4229.0	7038.8	X25767.9	Y44297.9	015	37.7	46.2
0306	OCT-25	1315	4220.5	7039.6	X25719.3	Y44251.8	141	31.7	48.2
0307	OCT-25	1724	4202.4	7028.1	X25526.6	Y44126.8	298	24.3	54.9
0308	OCT-25	2035	4157.6	7025.7	X25478.6	Y44094.5	326	23.8	55.0
0309	OCT-26	0018	4223.6	7020.1	X25620.6	Y44234.4	108	22.1	51.4
0310	OCT-26	0435	4235.1	7011.9	X25652.8	Y44282.3	318	40.2	46.0
0311	OCT-26	0804	4231.6	7004.6	X25593.6	Y44251.4	169	66.2	44.8
0312	OCT-26	1046	4218.0	6948.6	W13611.4	Y44151.7	139	126.0	41.2
0313	OCT-26	1310	4211.7	6936.0	W13572.2	Y44097.9	082	128.0	41.2
0314	OCT-26	1443	4213.0	6931.3	W13538.3	Y44098.1	025	124.1	40.8
0315	OCT-26	1829	4228.6	6909.6	W13335.3	Y44147.9	071	123.3	42.6
0316	OCT-26	2105	4239.2	6906.8	W13259.7	Y44197.4	064	96.0	41.4
0317	OCT-26	2329	4241.8	6856.9	W13192.1	Y44195.1	232	91.0	42.4
0318	OCT-27	0340	4214.0	6840.7	W13263.0	Y44032.0	071	107.2	40.3
0319	OCT-27	1138	4159.7	6959.1	W13764.4	Y44065.1	148	15.3	53.2

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CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

STATION	ATLANTIC COD	HADDOCK	POLLOCK	wHITE HAKE	SILVER HAKE	REDFISH	GOOSEFISH	SPINY DOGFISH	YELLOWTAIL FLOUNDER	WINTER FLOUNDER	AMERICAN PLAICE	WITCH FFLOUNDER	WINDOWPANE FLDR	SUMMER FLOUNDER	BLUEFISH	WEAKFISH	SCUP	BLACK SEA BASS	SPOT	CROAKER	BUTTERFISH	AMERICAN LOBSTER	LOLIGO	ILLEX	TOTAL * OTHER	TOTAL ALL
1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	681	683
2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	138	142
3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	42	7	51
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	19	22
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	4	13
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	27	14	42
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	7	11
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	4	0	36
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	0	30	7	58
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	1	12	22
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	154	163
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	10	13
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	57	58
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	55	59
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	7	50	62
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	4	17
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12	15	10	5	43
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	35	13	1	3	88
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0	296	312
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0	86	109
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0	2	18
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	8	39	0	21	27	4	0	1	0	294	403
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	0	2	6	72	0	6	0	273	417
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0	8	28	0	0	0	0	10	64
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	39	0	3	3	0	0	1	0	38	93
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	7	0	0	6	0	0	3	0	3	20
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	13	130	0	54	78	1	0	3	0	36	318
28	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	16	113	0	53	154	19	0	2	0	25	387
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	10	22	0	21	220	79	0	1	0	235	594
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	113	5	0	195	1531	327	0	0	0	267	2447
31	0	0	0	0	0	0	0	0	0	0	0	0	0	1	34	5	0	0	2	650	0	0	0	0	778	1470
32	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	65	17	0	43	176	235	0	0	0	187	730
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	138	0	54	27	6	0	4	0	497	739
34	0	0	0	0	0	0	0	0	0	0	0	0	0	3	13	0	3	0	12	0	0	0	1	0	996	1028
35	0	0	0	0	0	0	0	0	0	0	0	0	0	1	20	13	0	0	1	1	2	0	0	1	36	75
36	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	58	0	0	18	0	3	0	0	0	373	457
37	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	54	3	0	14	10	1	0	1	0	98	186

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	ATLANTIC COD	HADDOCK	POLLOCK	wHITE HAKE	SILVER HAKE	REDFISH	GOOSEFISH	SPINY DOGFISH	YELLOWTAIL FLOUNDER	WINTER FLOUNDER	AMERICAN PLAICE	WITCH FFLOUNDER	WINDOWPANE FLDR	SUMMER FLOUNDER	BLUEFISH	WEAKFISH	SCUP	BLACK SEA BASS	SPOT	CROAKER	BUTTERFISH	AMERICAN LOBSTER	LOLIGO	ILLEX	TOTAL * OTHER	TOTAL ALL
38	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	18	130	0	24	11	0	0	3	0	83	275
39	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	17	0	56	77
40	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	9	0	23	34
41	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	4	0	0	0	0	4	0	17	26
42	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	0	0	0	9	0	9	27
43	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	7	191	0	43	20	0	0	8	0	199	474
44	0	0	0	0	0	0	0	0	0	0	0	0	0	6	11	58	266	0	87	23	63	0	4	0	795	1313
45	0	0	0	0	0	0	0	0	0	0	0	0	0	8	4	0	3	0	1	0	1	0	3	0	17	37
46	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	2	0	0	0	0	0	2	0	1153	1161
47	0	0	0	0	0	0	0	0	0	0	0	0	0	13	1	0	0	0	0	2	0	0	7	0	682	705
48	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	3	0	67	71
49	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	26	10	0	2	20	4	0	1	0	822	889
50	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	0	17	0	0	559	0	0	0	0	212	794
51	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	88	28	0	53	130	19	0	0	0	300	626
52	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	297	0	0	119	1	2	0	0	0	83	503
53	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	8	10	0	1	1353	0	0	0	0	449	1823
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	1	18
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83	0	362	445
56	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	1	0	0	0	0	7	0	125	151
57	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	1	41	1	0	21	1	0	0	0	81	152
58	0	0	0	0	0	0	0	0	0	0	0	0	0	13	9	112	37	0	1	620	11	0	0	0	396	1199
59	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	347	28	0	10	192	5	0	0	0	225	819
60	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	183	2	0	10	397	4	0	0	0	71	676
61	0	0	0	0	0	0	0	0	0	0	0	0	4	26	0	4	141	16	16	2700	1	0	0	0	372	3280
62	0	0	0	0	0	0	0	0	0	0	0	0	1	7	1	0	135	0	0	56	0	0	1	0	191	392
63	0	0	0	0	0	0	0	0	0	0	0	0	4	3	0	75	53	0	12	602	0	0	0	0	70	819
64	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	42	79	0	3	216	4	0	1	0	50	402
65	0	0	0	0	0	0	0	0	0	0	0	0	4	2	5	169	171	0	7	907	12	0	0	0	97	1374
66	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	82	0	0	0	0	0	1	0	67	151
67	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	3	0	1	0	113	127
68	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	0	19	3	30	90
69	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	10	6	35
70	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	16	0	20	54
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	16	1	5	23
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	14	22
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	19	25
74	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	103	115
75	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	48

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	ATLANTIC COD	HADDOCK	POLLOCK	wHITE HAKE	SILVER HAKE	REDFISH	GOOSEFISH	SPINY DOGFISH	YELLOWTAIL FLOUNDER	WINTER FLOUNDER	AMERICAN PLAICE	WITCH FFLOUNDER	WINDOWPANE FLDR	SUMMER FLOUNDER	BLUEFISH	WEAKFISH	SCUP	BLACK SEA BASS	SPOT	CROAKER	BUTTERFISH	AMERICAN LOBSTER	LOLIGO	ILLEX	TOTAL * OTHER	TOTAL ALL
76	0	0	0	0	1	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	62
77	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	32	34
78	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	10	11	42
79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	0	18	9	45	123
80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	26	2	11	41
81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83	0	79	7	7	176
82	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3	13	20
83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	77	2	12	95
84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	51	52
85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	224	233
86	0	0	0	0	1	0	0	0	0	3	0	0	2	0	0	0	0	0	0	0	0	0	2	0	53	61
87	0	0	0	0	0	0	0	0	0	0	0	0	1	8	11	0	0	0	0	0	0	0	2	0	265	287
88	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	2	0	52	69
89	0	0	0	0	0	0	0	0	0	0	0	0	1	33	0	0	4	0	0	0	0	0	4	0	91	133
90	0	0	0	0	1	0	0	6	0	2	0	0	1	2	0	0	0	0	0	0	0	1	1	0	105	119
91	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	7
92	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	40	0	31	74
93	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	28	0	183	217
94	0	0	0	0	0	0	0	0	0	0	0	0	0	1	21	320	6	0	1	224	330	0	1	0	368	1272
95	0	0	0	0	0	0	0	0	0	0	0	0	3	0	4	109	374	0	1	50	8	0	1	0	128	678
96	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	14	0	0	0	0	0	18	0	1	34
97	0	0	0	0	0	0	0	0	0	0	0	0	7	8	19	188	124	0	0	258	0	0	0	0	66	670
98	0	0	0	0	0	0	0	0	0	0	0	0	0	12	3	3	19	0	0	252	3	0	7	0	39	338
99	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0	3	0	0	38	1	0	3	0	42	93
100	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0	0	3	1	0	2	0	0	8	0	34	64
101	0	0	0	0	0	0	0	10	0	0	0	0	1	3	0	0	0	0	0	0	0	0	1	0	55	70
102	0	0	0	0	5	0	0	0	2	7	0	0	0	0	0	0	0	0	0	0	0	2	12	0	64	92
103	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3	0	26	31
104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	23	31
105	0	0	0	0	0	0	0	0	0	3	0	0	0	0	17	0	0	0	0	0	0	0	12	0	47	79
106	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	4	0	0	0	0	56	0	10	80
107	0	0	0	0	0	0	0	0	0	0	0	0	5	8	44	79	0	0	0	41	36	0	4	0	390	607
108	0	0	0	0	0	0	0	0	0	0	0	0	7	12	44	82	0	0	0	182	61	0	2	0	146	536
109	0	0	0	0	0	0	0	0	0	0	0	0	2	51	2	57	191	22	0	383	0	0	0	0	111	819
110	0	0	0	0	0	0	0	0	0	0	0	0	2	8	7	2	4	1	0	3	1	0	2	0	63	93
111	0	0	0	0	0	0	0	6	0	0	0	0	0	34	17	0	3	0	0	0	1	0	7	0	150	218
112	0	0	0	0	1	0	0	448	0	20	0	0	0	12	0	0	0	0	0	0	0	0	0	0	69	550
113	0	0	0	0	19	0	0	266	0	0	0	0	0	0	0	0	0	0	0	0	3	0	17	0	24	329

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CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

	ATLANTIC COD	HADDOCK	POLLOCK	wHITE HAKE	SILVER HAKE	REDFISH	GOOSEFISH	SPINY DOGFISH	YELLOWTAIL FLOUNDER	WINTER FLOUNDER	AMERICAN PLAICE	WITCH FFLOUNDER	WINDOWPANE FLDR	SUMMER FLOUNDER	BLUEFISH	WEAKFISH	SCUP	BLACK SEA BASS	SPOT	CROAKER	BUTTERFISH	AMERICAN LOBSTER	LOLIGO	ILLEX	TOTAL * OTHER	TOTAL ALL
114	0	0	0	0	3	0	5	65	0	0	0	0	0	0	0	0	0	0	0	0	4	0	13	0	33	123
115	0	0	0	0	2	0	0	424	0	0	0	0	0	0	0	0	0	0	0	0	12	0	13	0	42	493
116	0	0	0	0	1	0	0	52	0	0	0	0	0	0	0	0	0	0	0	0	2	0	25	0	3	83
117	0	0	0	0	3	0	0	1553	3	1	0	0	0	0	0	0	0	0	0	0	5	0	14	0	3	1582
118	0	0	0	0	0	0	0	1647	0	0	0	0	0	9	47	0	0	0	0	0	0	0	12	0	116	1831
119	0	0	0	0	0	0	0	0	0	1	0	0	0	23	20	0	1	0	0	0	2	0	11	0	27	85
120	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	2	0	1	0	0	0	0	1	0	57	67
121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	2	0	0	5	0	0	0	0	138	155
122	0	0	0	0	0	0	0	0	0	0	0	0	1	10	2	5	18	0	0	29	1	0	1	0	32	99
123	0	0	0	0	0	0	0	0	0	0	0	0	6	73	0	0	14	3	0	15	3	0	8	0	90	212
124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	75	2	0	0	17	0	29	0	457	589
125	0	0	0	0	0	0	0	0	0	0	0	0	0	1	23	33	8	0	0	15	65	0	1	0	416	562
126	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	6	19	1	0	10	10	0	9	0	104	167
127	0	0	0	0	0	0	0	0	0	0	0	0	5	4	6	291	0	0	0	22	7	0	0	0	484	819
128	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	7	11	0	0	3	12	0	14	0	359	414
129	0	0	0	0	0	0	0	0	0	0	0	0	6	6	14	43	0	0	0	0	3	0	1	0	588	661
130	0	0	0	0	0	0	0	0	0	0	0	0	11	4	4	23	2	7	0	0	2	0	0	0	291	344
131	0	0	0	0	0	0	0	0	0	4	0	0	2	25	0	2	3	41	0	0	0	0	0	0	164	241
132	0	0	0	0	0	0	0	0	0	0	0	0	1	23	3	11	1	0	0	0	0	0	2	0	58	99
133	0	0	0	0	0	0	0	0	0	0	0	0	2	23	0	9	0	0	0	0	0	0	2	0	89	125
134	0	0	0	0	0	0	0	102	0	0	0	0	2	121	0	0	3	4	0	0	0	0	1	0	185	418
135	0	0	0	0	0	0	0	0	0	0	0	0	6	54	0	1	0	1	0	0	0	0	0	0	253	315
136	0	0	0	0	0	0	0	0	0	0	0	0	2	31	9	6	1	0	0	0	0	0	1	0	54	104
137	0	0	0	0	0	0	0	0	0	0	0	0	0	28	41	1	4	9	0	0	0	0	2	0	626	711
138	0	0	0	0	1	0	0	72	0	12	0	0	2	10	4	0	0	0	0	0	1	0	17	0	37	156
139	0	0	0	0	0	0	0	98	0	2	0	0	0	0	11	0	0	0	0	0	1	0	91	0	24	227
140	0	0	0	0	20	0	10	936	0	0	0	1	0	0	0	0	0	0	0	0	6	0	25	0	27	1025
141	0	0	0	0	2	0	14	5	0	0	0	0	0	0	0	0	0	0	0	0	32	0	71	1	7	132
142	0	0	0	0	0	0	0	112	0	0	0	0	0	0	0	0	0	0	0	0	0	3	66	7	1	189
143	0	0	0	0	0	0	6	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	88	0	11	112
144	0	0	0	0	16	0	0	231	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	20	271
145	0	0	0	0	16	0	19	12	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	12	62
146	0	0	0	0	12	0	0	245	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	12	274
147	0	0	0	0	29	0	27	139	1	0	0	0	0	8	0	0	0	0	0	0	2	0	2	0	37	245
148	0	0	0	0	23	0	9	59	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	52	145
149	0	0	0	0	20	0	0	406	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	52	481
150	0	0	0	0	0	0	0	597	0	0	0	0	0	24	5	0	0	0	0	0	0	2	20	0	43	691
151	0	0	0	0	0	0	0	6906	0	2	0	0	0	2	13	0	1	0	0	0	0	0	4	0	20	6948

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	ATLANTIC COD	HADDOCK	POLLOCK	wHITE HAKE	SILVER HAKE	REDFISH	GOOSEFISH	SPINY DOGFISH	YELLOWTAIL FLOUNDER	WINTER FLOUNDER	AMERICAN PLAICE	WITCH FFLOUNDER	WINDOWPANE FLDR	SUMMER FLOUNDER	BLUEFISH	WEAKFISH	SCUP	BLACK SEA BASS	SPOT	CROAKER	BUTTERFISH	AMERICAN LOBSTER	LOLIGO	ILLEX	TOTAL * OTHER	TOTAL ALL
152	0	0	0	0	0	0	0	217	0	9	0	0	0	2	24	0	200	9	0	0	219	0	14	0	68	762
153	0	0	0	0	0	0	0	9	0	4	0	0	0	5	18	0	442	1	0	0	6	2	21	0	192	700
154	0	0	0	0	1	0	0	373	0	36	0	0	1	71	24	0	5	2	0	0	0	1	4	0	56	574
155	0	0	0	0	0	0	0	106	1	13	0	0	1	36	0	0	41	1	0	0	3	0	1	0	155	358
156	0	0	0	0	3	0	0	33	0	5	0	0	8	20	0	0	21	4	0	0	0	0	0	0	879	973
157	0	0	0	0	1	0	0	615	1	11	0	0	0	17	10	0	0	0	0	0	1	1	7	0	21	685
158	0	0	0	0	3	0	0	0	0	0	0	0	0	31	9	0	0	0	0	0	13	0	36	0	30	122
159	0	0	0	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	8	0	10	29
160	0	0	0	1	19	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	15	0	2	45
161	0	0	0	0	9	0	0	0	0	0	0	0	0	0	79	0	0	0	0	0	8	0	14	0	3	113
162	0	0	0	0	1	0	0	0	0	0	0	0	0	82	15	0	0	0	0	0	13	2	7	0	57	177
163	0	0	0	0	0	0	0	609	0	3	0	0	2	0	6	0	0	0	0	0	0	6	1	0	15	642
164	9	0	0	0	0	0	0	1670	0	7	0	0	4	0	0	0	0	0	0	0	0	8	1	0	163	1862
165	0	0	0	0	0	0	0	487	0	4	0	0	1	3	34	0	0	0	0	0	0	2	1	0	567	1099
166	0	0	0	0	0	0	0	1022	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0	66	1095
167	0	0	0	0	0	0	0	518	0	2	0	0	0	0	38	0	0	0	0	0	0	21	4	0	394	977
168	0	0	0	0	0	0	0	502	0	4	0	0	0	3	26	0	0	0	0	0	1	4	7	0	193	740
169	0	0	0	0	1	0	0	52	0	1	0	0	1	2	0	0	0	0	0	0	0	0	139	0	48	244
170	0	0	0	0	0	0	0	8	0	0	0	0	1	8	0	0	0	0	0	0	0	0	28	0	19	64
171	0	0	0	0	1	0	0	6	0	0	0	0	0	6	0	0	0	0	0	0	14	0	39	0	21	87
172	0	1	0	0	3	0	1	662	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	2	672
173	0	0	0	0	4	0	29	0	0	0	0	1	0	0	0	0	0	0	0	0	0	5	0	0	19	58
174	0	0	0	2	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	25	48
175	0	0	0	0	6	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	37
176	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	4	10
177	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	15	22
178	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	12	0	1	5	24
179	0	1	0	0	3	0	0	56	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	2	68
180	0	0	0	0	0	0	0	23	2	0	0	0	0	7	0	0	0	0	0	0	0	1	1	0	10	44
181	0	0	0	0	0	0	0	127	1	0	0	0	0	0	0	0	0	0	0	0	4	0	13	0	21	166
182	0	0	0	0	8	0	0	46	3	0	0	0	0	2	0	0	0	0	0	0	0	4	1	0	21	85
183	0	0	0	0	0	0	0	537	0	0	0	0	6	2	0	0	0	0	0	0	0	0	2	0	21	568
184	0	0	0	0	0	0	0	73	0	0	0	0	7	0	0	0	0	0	0	0	0	0	1	0	52	133
185	0	0	0	0	0	0	0	206	0	1	0	0	4	4	0	0	0	0	0	0	4	2	43	0	405	669
186	0	0	0	0	0	0	0	47	0	0	0	0	9	1	0	0	0	0	0	0	0	1	1	0	46	105
187	0	0	0	0	2	0	3	9	6	0	1	0	0	6	0	0	0	0	0	0	0	9	0	0	55	91
188	0	2	0	0	8	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	0	4	37
189	0	0	0	0	7	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	1	0	13	0	1	28

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	ATLANTIC COD	HADDOCK	POLLOCK	wHITE HAKE	SILVER HAKE	REDFISH	GOOSEFISH	SPINY DOGFISH	YELLOWTAIL FLOUNDER	WINTER FLOUNDER	AMERICAN PLAICE	WITCH FFLOUNDER	WINDOWPANE FLDR	SUMMER FLOUNDER	BLUEFISH	WEAKFISH	SCUP	BLACK SEA BASS	SPOT	CROAKER	BUTTERFISH	AMERICAN LOBSTER	LOLIGO	ILLEX	TOTAL * OTHER	TOTAL ALL
190	0	0	0	0	13	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6	4	1	11	1	42
191	0	1049	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	19	1071
192	0	1333	0	3	0	0	2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	1391
193	0	9	0	0	4	0	3	0	179	2	0	0	0	0	0	0	0	0	0	0	0	4	0	7	85	293
194	0	216	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	41	265
195	0	0	0	10	7	18	17	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	68	123
196	0	0	0	12	11	49	6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3	0	0	23	105
197	0	193	0	0	2	0	3	0	39	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	96	338
198	0	0	0	1	3	0	8	0	107	3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	58	182
199	0	0	0	0	0	0	0	7	41	5	0	0	0	5	0	0	0	0	0	0	0	2	5	1	20	86
200	0	48	0	0	0	0	0	0	3	0	0	0	0	5	0	0	0	0	0	0	0	2	0	2	28	88
201	13	329	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	385
202	0	368	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	376
203	16	64	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	141	241
204	1	45	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67	114
205	26	140	433	0	0	0	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	1	0	0	95	699
206	0	34	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	53
207	9	120	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	158
208	97	162	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	364
209	469	1184	247	0	0	0	15	0	0	20	0	0	0	0	0	0	0	0	0	0	0	2	0	2	124	2063
210	0	208	0	0	5	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	18	0	1	16	252
211	17	1350	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1378
212	0	231	14	7	1	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	308
213	23	134	0	2	8	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	5	0	1	23	197
214	0	4	0	4	3	25	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	4	57
215	0	39	4	4	7	155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	22	233
216	136	380	15	0	10	0	18	0	25	0	0	0	1	0	0	0	0	0	0	0	0	4	0	1	619	1209
217	11	499	0	2	1	0	0	0	5	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	86	606
218	0	1	0	0	3	0	0	0	1	16	0	0	1	0	0	0	0	0	0	0	0	7	0	1	326	356
219	0	0	0	0	1	0	0	0	13	46	0	0	45	0	0	0	0	0	0	0	0	0	0	1	112	218
220	0	0	0	0	0	0	0	3	0	63	0	0	5	0	0	0	0	0	0	0	3	53	9	1	54	191
221	0	0	0	0	0	0	0	0	1	14	0	0	1	0	0	0	0	0	0	0	2	38	7	1	1	65
222	0	0	0	0	0	0	0	1572	0	0	0	0	1	0	0	0	0	0	0	0	0	7	15	0	1	1596
223	0	0	0	0	0	0	0	46	0	0	0	0	0	2	20	0	0	0	0	0	2	0	9	0	10	89
224	0	0	0	0	0	0	0	24	0	0	0	0	0	0	13	0	0	0	0	0	1	0	6	1	15	60
225	0	0	0	0	0	0	0	27	0	2	0	0	0	2	0	0	0	0	0	0	0	20	3	2	143	199
226	0	0	0	0	1	0	0	5	0	9	0	0	50	0	0	0	0	0	0	0	0	19	0	4	264	352
227	0	0	0	0	0	0	0	27	0	0	0	0	1	1	0	0	0	0	0	0	0	5	12	0	479	525

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	ATLANTIC COD	HADDOCK	POLLOCK	wHITE HAKE	SILVER HAKE	REDFISH	GOOSEFISH	SPINY DOGFISH	YELLOWTAIL FLOUNDER	WINTER FLOUNDER	AMERICAN PLAICE	WITCH FFLOUNDER	WINDOWPANE FLDR	SUMMER FLOUNDER	BLUEFISH	WEAKFISH	SCUP	BLACK SEA BASS	SPOT	CROAKER	BUTTERFISH	AMERICAN LOBSTER	LOLIGO	ILLEX	TOTAL * OTHER	TOTAL ALL
228	0	0	0	0	0	0	0	3	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	134	157
229	4	299	0	0	13	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	240	567
230	13	46	0	3	14	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3	0	0	19	99
231	0	36	0	1	4	18	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	10	0	0	23	95
232	15	59	0	1	11	4	6	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	33	130
233	0	0	0	0	0	0	0	238	0	19	0	0	0	0	30	0	0	3	0	0	13	10	25	0	107	445
234	0	0	0	0	0	0	0	3577	1	4	0	0	0	4	4	0	0	0	0	0	12	4	98	0	4	3708
235	0	0	0	0	0	0	0	3461	0	5	0	0	0	2	14	0	0	0	0	0	125	1	81	0	40	3729
236	18	0	14	0	2	0	4	3309	4	41	0	0	0	0	9	0	0	0	0	0	0	0	1	3	121	3526
237	10	34	0	3	2	0	0	3	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	147	207
238	17	0	0	0	0	0	0	1797	9	67	0	0	1	0	0	0	0	0	0	0	0	21	6	0	179	2097
239	48	0	0	0	0	0	0	395	0	48	0	0	0	0	8	0	0	0	0	0	0	21	1	0	323	844
240	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	20	56
241	0	0	0	0	0	0	0	1639	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0	0	457	2119
242	5	0	0	0	0	0	0	1276	0	0	0	0	0	0	19	0	0	0	0	0	0	1	0	0	221	1522
243	1	11	0	0	1	0	11	6	12	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	129	173
244	20	31	0	0	3	0	0	303	5	232	0	0	1	0	0	0	0	0	0	0	1	15	0	1	110	722
245	6	0	0	0	93	0	0	80	4	53	0	0	0	5	0	0	0	0	0	0	10	0	0	1	209	461
246	0	0	0	0	0	0	0	24	1	0	0	0	20	0	0	0	0	0	0	0	0	3	2	0	119	169
247	0	0	0	0	7	0	0	6	0	1	0	0	6	0	0	0	0	0	0	0	11	3	1	1	96	132
248	0	0	0	2	39	0	0	6	9	7	0	0	0	0	0	0	0	0	0	0	14	15	0	0	72	164
249	1	965	0	0	3	40	0	0	0	0	8	2	0	0	0	0	0	0	0	0	0	0	0	0	120	1139
250	0	18	0	2	2	16	0	0	0	0	3	6	0	0	0	0	0	0	0	0	0	0	0	0	345	392
251	0	1	0	9	28	0	0	0	0	0	8	1	0	0	0	0	0	0	0	0	0	0	0	0	125	172
252	0	195	0	26	19	34	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	26	309
253	0	0	0	3	7	13	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2	179	208
254	0	6	0	0	7	128	0	0	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	215	383
255	0	5	6	27	5	79	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	175
256	0	11	0	11	2	57	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	24	109
257	0	0	0	8	7	79	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	79	176
258	0	0	0	39	7	31	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	21	101
259	16	9	16	0	3	769	6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	10	833
260	0	37	5	18	6	407	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	476
261	8	3	12	0	1	322	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	9	356
262	13	13	5	24	1	206	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	34	302
263	0	28	0	17	3	76	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	47	175
264	0	0	0	5	4	86	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	138
265	0	4	6	0	2	119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	17	150

NOAA FISHERIES-NEFSC FALL BOTTOM TRAWL SURVEY
ALBATROSS IV SEP 9 - OCT 27, 2004
CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

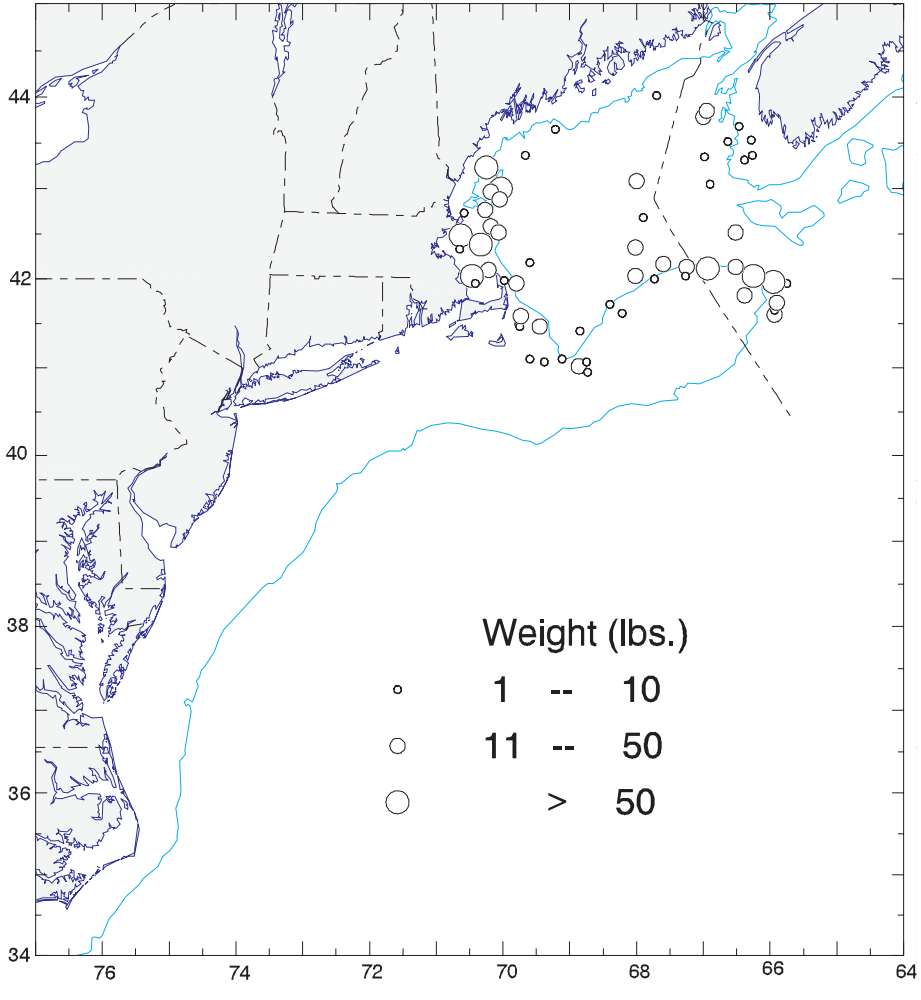
	ATLANTIC COD	HADDOCK	POLLOCK	wHITE HAKE	SILVER HAKE	REDFISH	GOOSEFISH	SPINY DOGFISH	YELLOWTAIL FLOUNDER	WINTER FLOUNDER	AMERICAN PLAICE	WITCH FFLOUNDER	WINDOWPANE FLDR	SUMMER FLOUNDER	BLUEFISH	WEAKFISH	SCUP	BLACK SEA BASS	SPOT	CROAKER	BUTTERFISH	AMERICAN LOBSTER	LOLIGO	ILLEX	TOTAL * OTHER	TOTAL ALL
266	0	39	35	3	1	63	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	38	180
267	7	14	1	3	6	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	7	0	0	5	46
268	4	15	21	1	0	111	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	6	159
269	0	20	70	21	10	1	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4	11	141
270	0	129	1	1	1	1	0	7	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	8	154
271	1	70	5	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	37	124
272	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	5	11
273	2	1	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	50	0	0	66	133
274	8	32	0	0	3	0	0	7	0	33	0	0	0	0	0	0	0	0	0	0	0	209	0	0	90	382
275	1	12	0	0	2	0	1	4	2	62	3	0	0	0	0	0	0	0	0	0	0	16	0	0	40	143
276	25	14	18	30	2	166	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	5	263
277	27	24	1	6	1	625	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10	696
278	0	5	17	10	2	235	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	4	0	0	23	303
279	0	0	0	26	0	5	0	185	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	27	247
280	0	0	0	1	1	0	13	273	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	22	312
281	0	0	0	2	1	0	1	12	0	0	0	0	0	0	0	0	0	0	0	0	0	76	0	0	26	118
282	5	17	1	15	1	62	4	7	0	0	1	12	0	0	0	0	0	0	0	0	0	0	0	0	11	136
283	0	8	0	8	17	3	0	10	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	22	69
284	0	3	1	22	15	62	2	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0	15	126
285	0	0	1	3	67	1	0	103	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	29	206
286	0	0	0	1	13	0	0	8	0	3	0	0	0	0	0	0	0	0	0	0	0	247	0	1	140	413
287	0	9	13	15	7	38	1	31	0	0	1	7	0	0	0	0	0	0	0	0	0	0	0	0	14	136
288	0	0	0	10	7	175	8	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	8	213
289	0	0	0	15	26	21	0	0	0	0	1	35	0	0	0	0	0	0	0	0	0	0	0	0	5	103
290	0	0	0	3	5	3	0	66	0	0	6	3	0	0	0	0	0	0	0	0	0	0	0	0	35	121
291	0	0	0	0	3	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	22
292	0	0	0	1	37	1	0	37	0	0	1	0	0	0	0	0	0	0	0	0	0	16	0	0	24	117
293	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
294	3	0	0	19	5	91	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	71	194
295	0	4	0	0	2	76	0	3	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	25	115
296	0	0	1	24	5	45	21	255	0	0	7	1	0	0	0	0	0	0	0	0	0	0	0	2	26	387
297	87	15	0	6	30	1	0	247	0	0	18	6	0	0	0	0	0	0	0	0	0	5	0	16	75	506
298	154	159	65	0	0	0	0	1128	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	4	13	1525
299	39	0	0	0	2	50	0	15	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	1	71	181
300	32	26	0	3	0	34	0	31	0	0	5	2	0	0	0	0	0	0	0	0	0	0	0	0	29	162
301	0	0	0	10	5	125	1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	182
302	0	5	0	7	15	1	7	1	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	30	79
303	40	15	63	0	0	0	0	281	0	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	28	434

NOAA FISHERIES-NEFSC FALL BOTTOM TRAWL SURVEY
ALBATROSS IV SEP 9 - OCT 27, 2004
CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

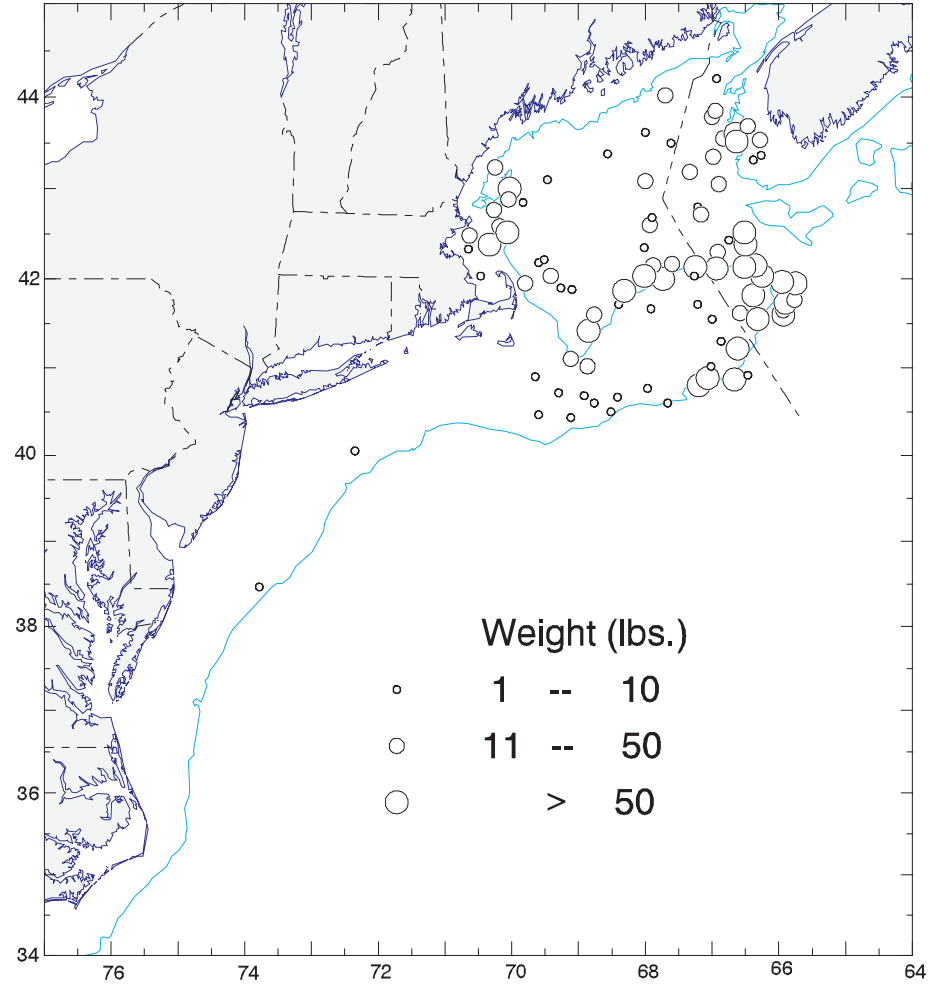
	ATLANTIC COD	HADDOCK	POLLOCK	wHITE HAKE	SILVER HAKE	REDFISH	GOOSEFISH	SPINY DOGFISH	YELLOWTAIL FLOUNDER	WINTER FLOUNDER	AMERICAN PLAICE	WITCH FFLOUNDER	WINDOWPANE FLDR	SUMMER FLOUNDER	BLUEFISH	WEAKFISH	SCUP	BLACK SEA BASS	SPOT	CROAKER	BUTTERFISH	AMERICAN LOBSTER	LOLIGO	ILLEX	TOTAL * OTHER	TOTAL ALL
304	0	0	0	2	52	0	1	341	6	4	22	0	0	0	0	0	0	0	0	0	0	16	0	0	87	531
305	84	16	0	3	9	0	0	941	0	6	54	0	0	0	9	0	0	0	0	0	1	5	3	0	351	1482
306	3	8	0	1	17	0	2	689	1	40	9	12	0	0	5	0	0	0	0	0	1	5	1	0	28	822
307	66	0	0	0	13	0	2	2375	12	49	2	0	2	0	0	0	0	0	0	0	0	35	0	0	82	2638
308	0	0	0	0	11	0	0	4405	4	11	0	0	2	2	0	0	2	0	0	0	1	34	14	0	70	4556
309	241	391	12	1	3	0	0	2654	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	3348
310	12	42	3	17	0	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	119
311	31	103	12	5	1	1	0	687	0	0	13	1	0	0	0	0	0	0	0	0	0	3	4	15	39	915
312	0	0	0	21	4	38	0	22	0	0	6	0	0	0	0	0	0	0	0	0	0	4	0	1	11	107
313	0	6	0	3	2	13	1	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	8	40
314	0	3	0	1	5	134	0	0	0	0	12	1	0	0	0	0	0	0	0	0	0	0	0	0	13	169
315	0	0	0	0	2	6	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	16	30
316	0	0	0	4	4	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	62
317	0	0	0	32	0	93	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	7	134
318	0	0	0	1	1	77	10	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	13	105
319	0	0	5	0	0	0	0	3731	0	2	0	0	0	0	24	0	0	0	0	0	0	9	9	0	8	3788
TOTAL	1894	11160	1214	609	1092	5170	388	58923	521	1068	292	156	307	1241	1029	3091	3637	140	892	12279	2231	1294	2195	310	34297	145430

* "Total others" in southern area are comprised primarily of rays, large sharks and spotted hake.

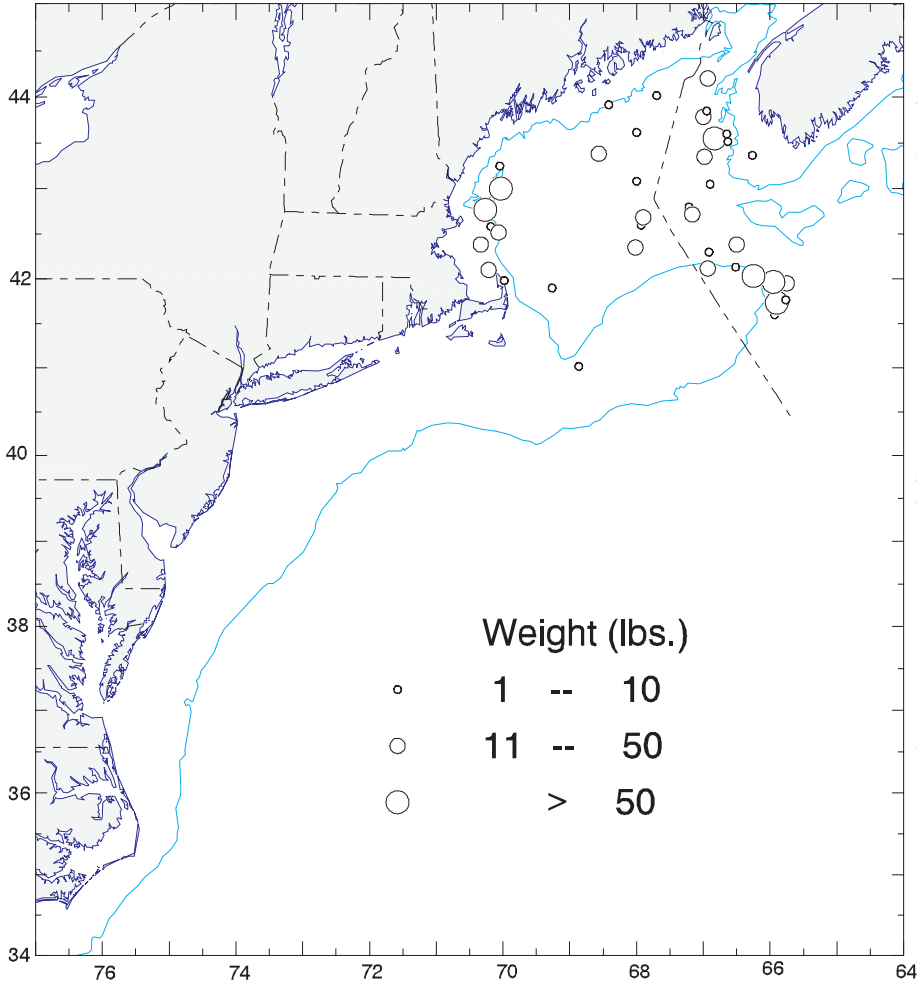
ATLANTIC COD
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



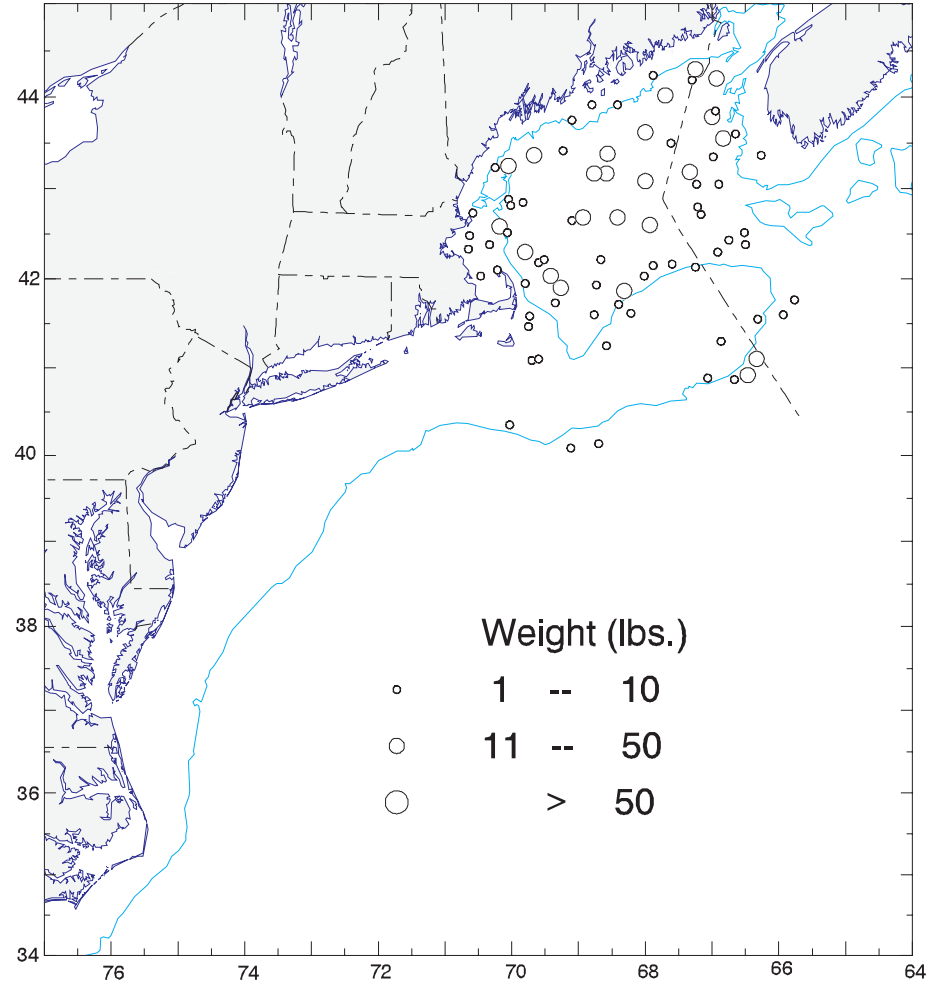
HADDOCK
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



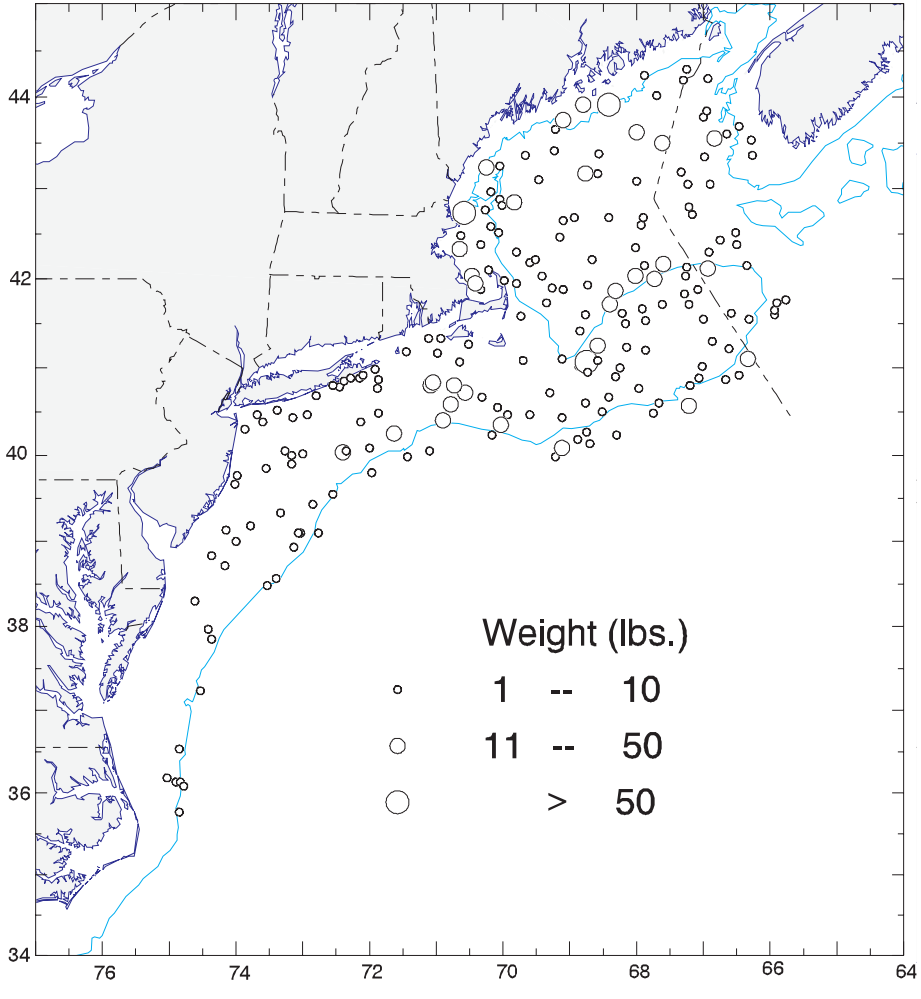
POLLOCK
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



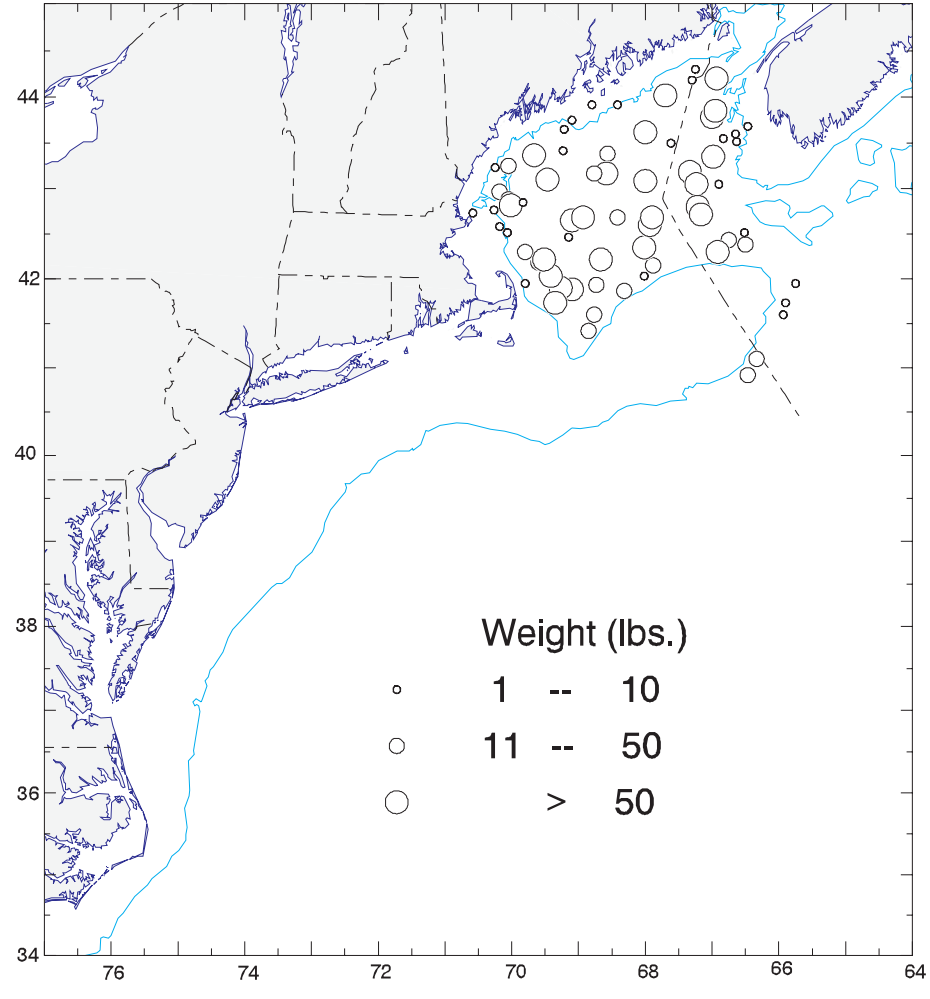
WHITE HAKE
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



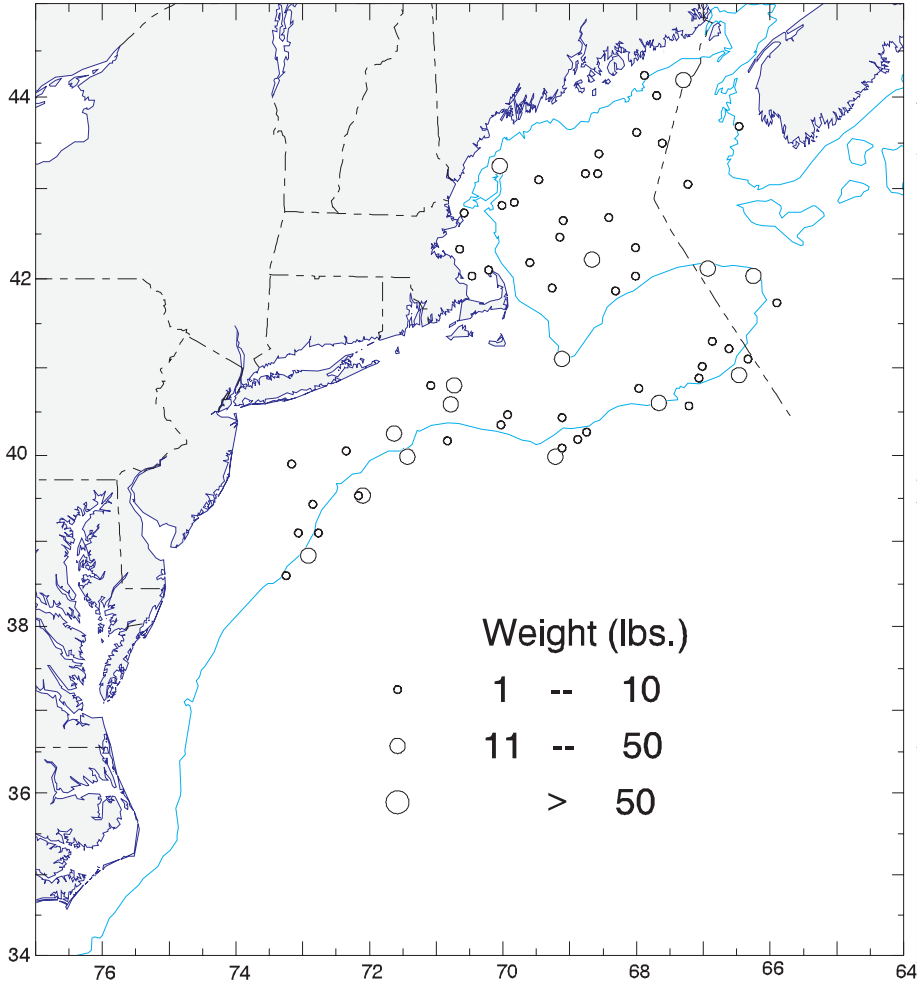
SILVER HAKE
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



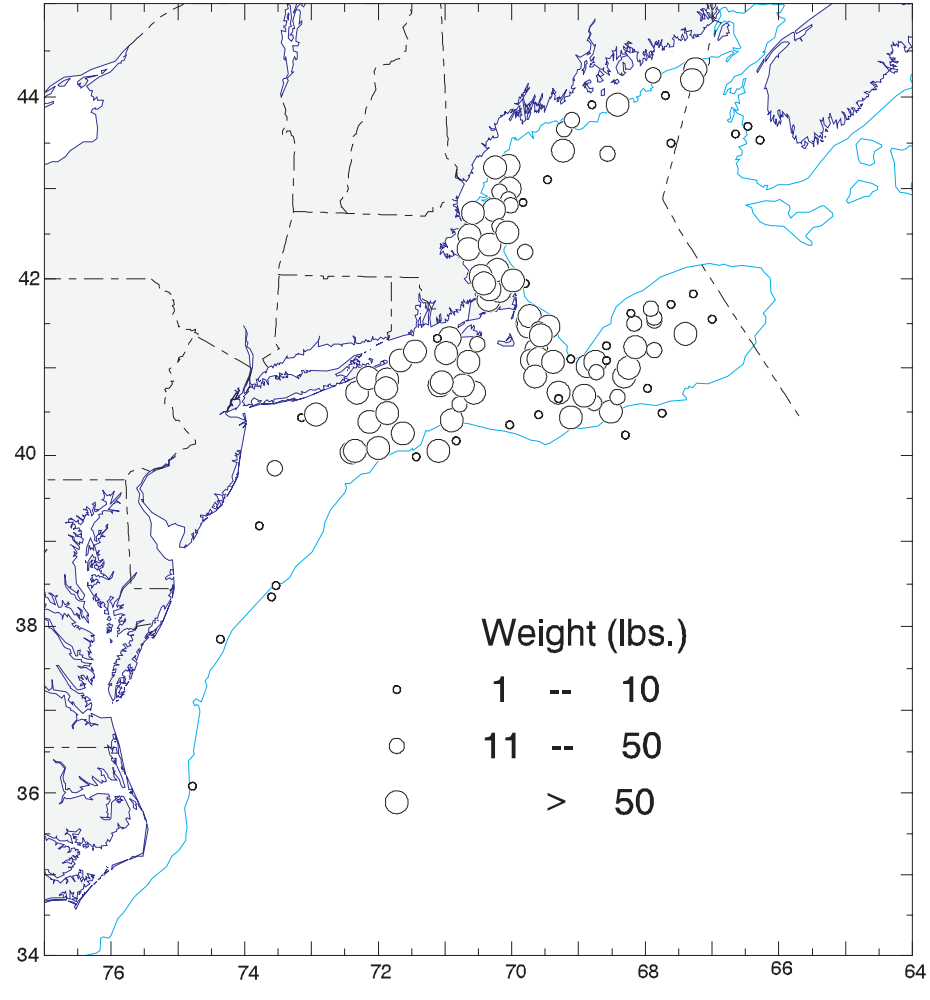
ACADIAN REDFISH
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



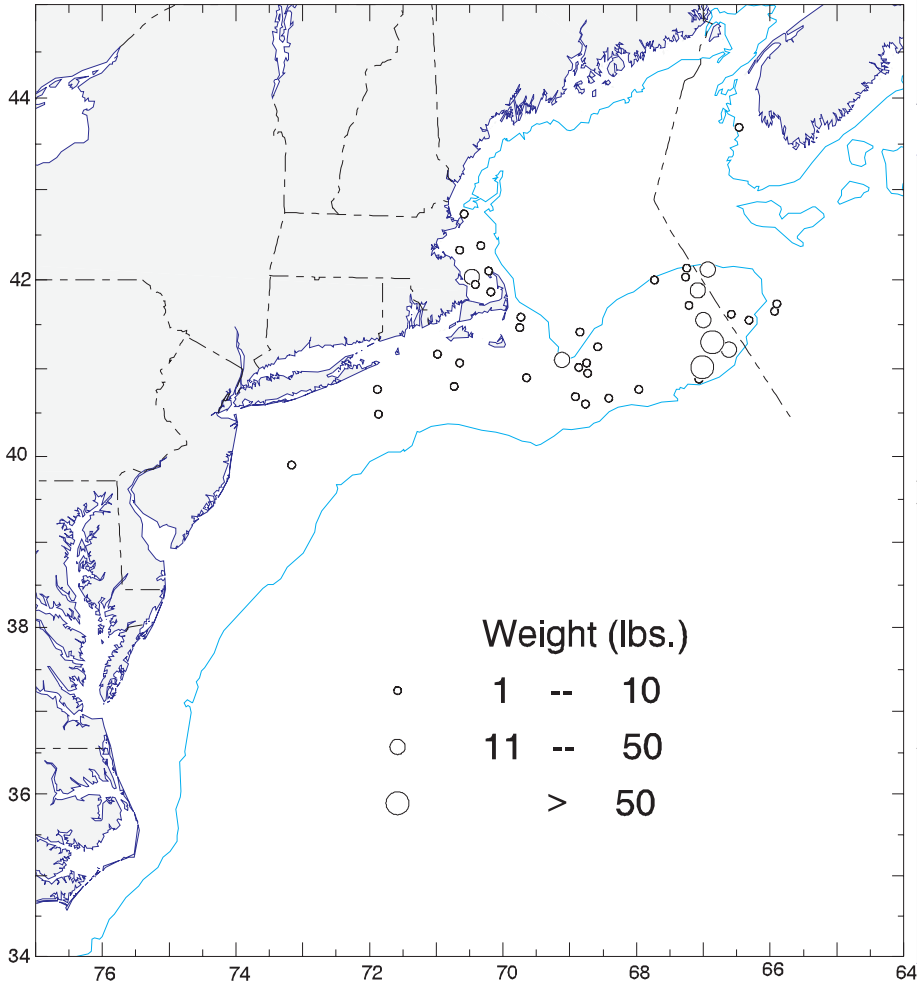
GOOSEFISH
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



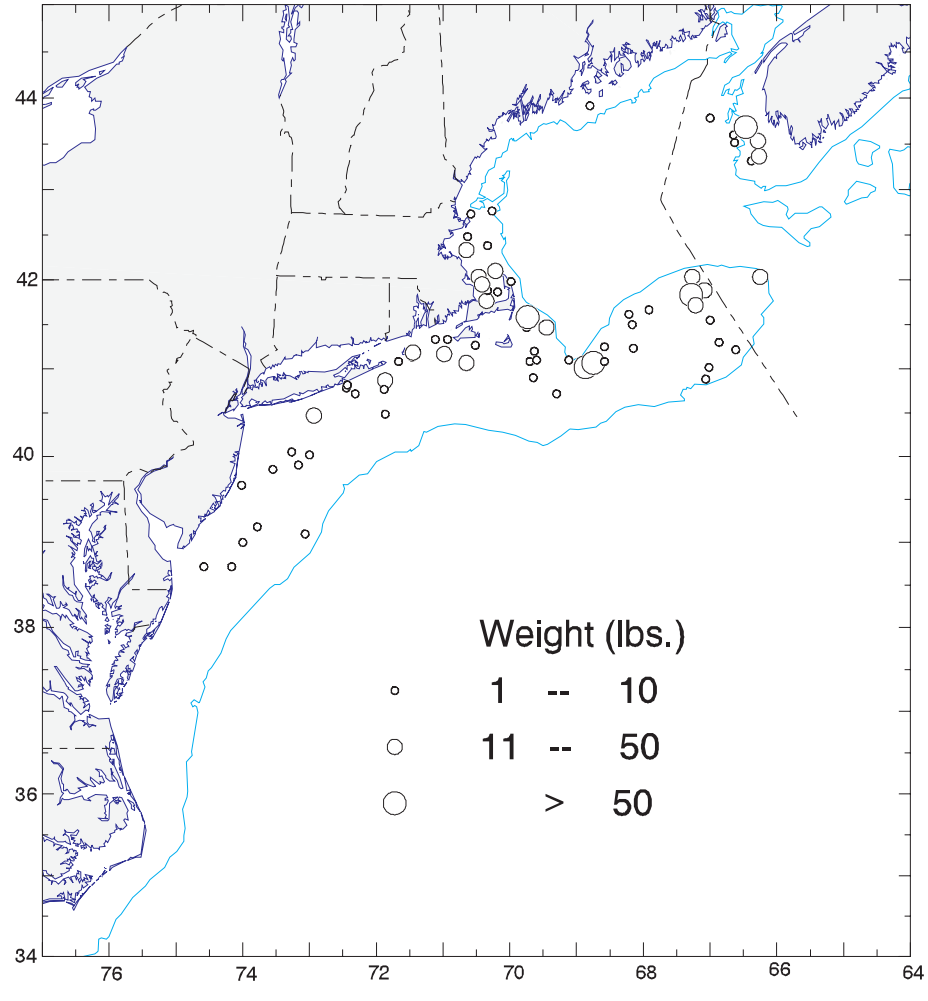
SPINY DOGFISH
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



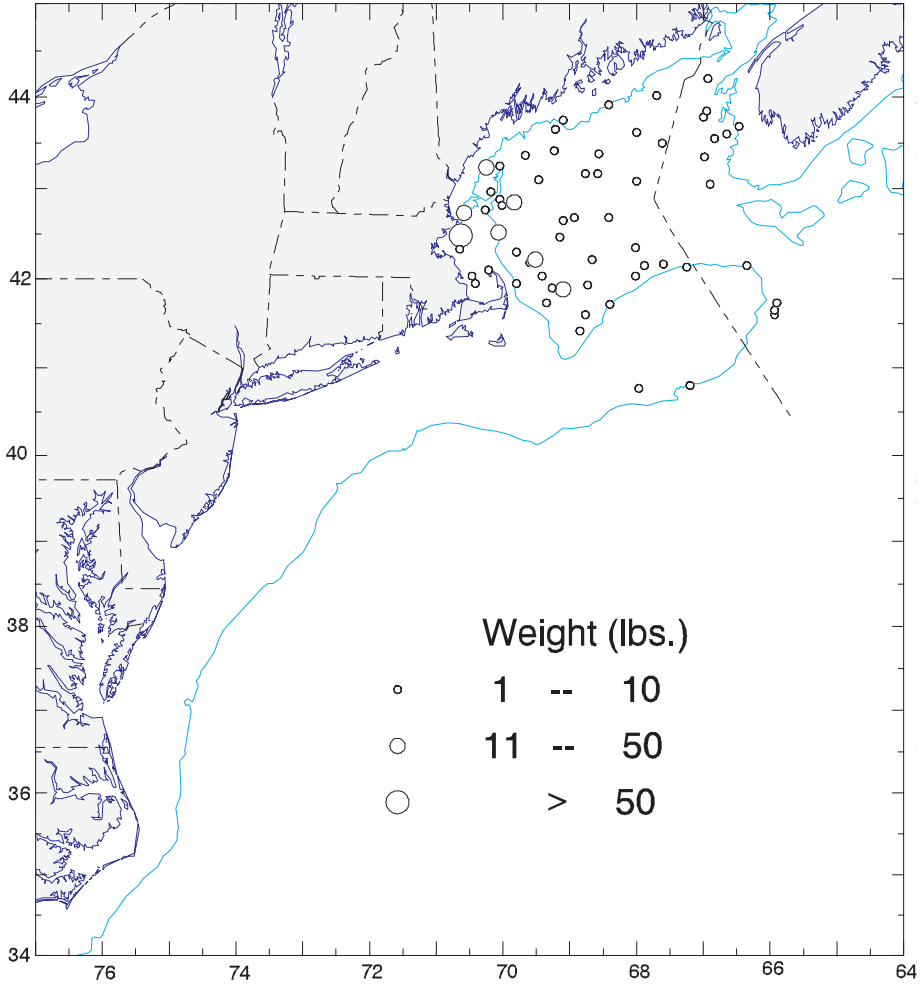
YELLOWTAIL FLOUNDER
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



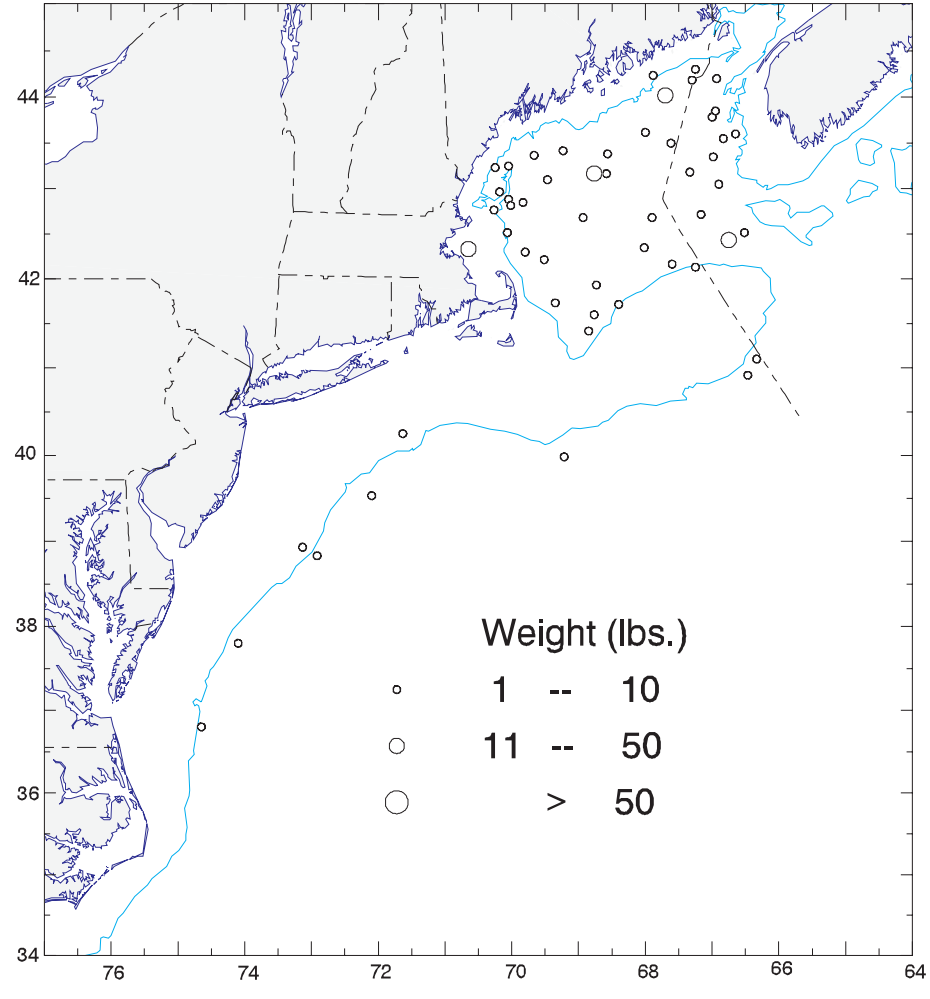
WINTER FLOUNDER
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



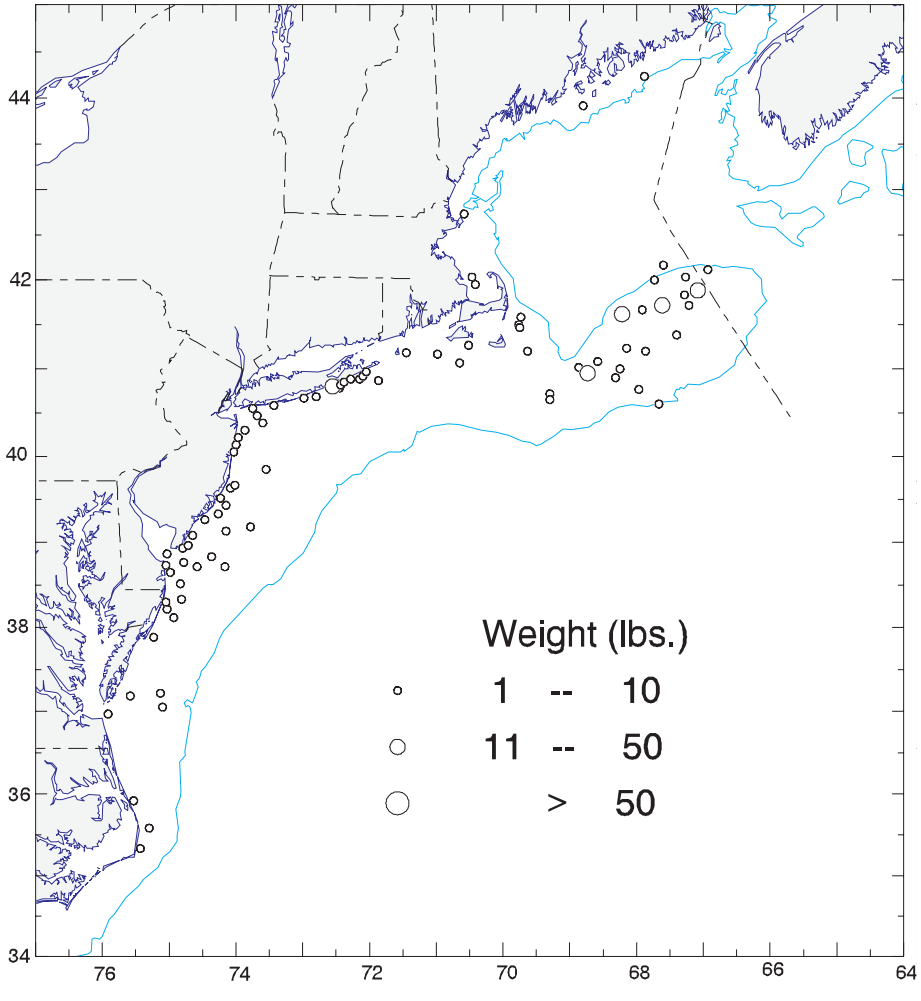
AMERICAN PLAICE
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



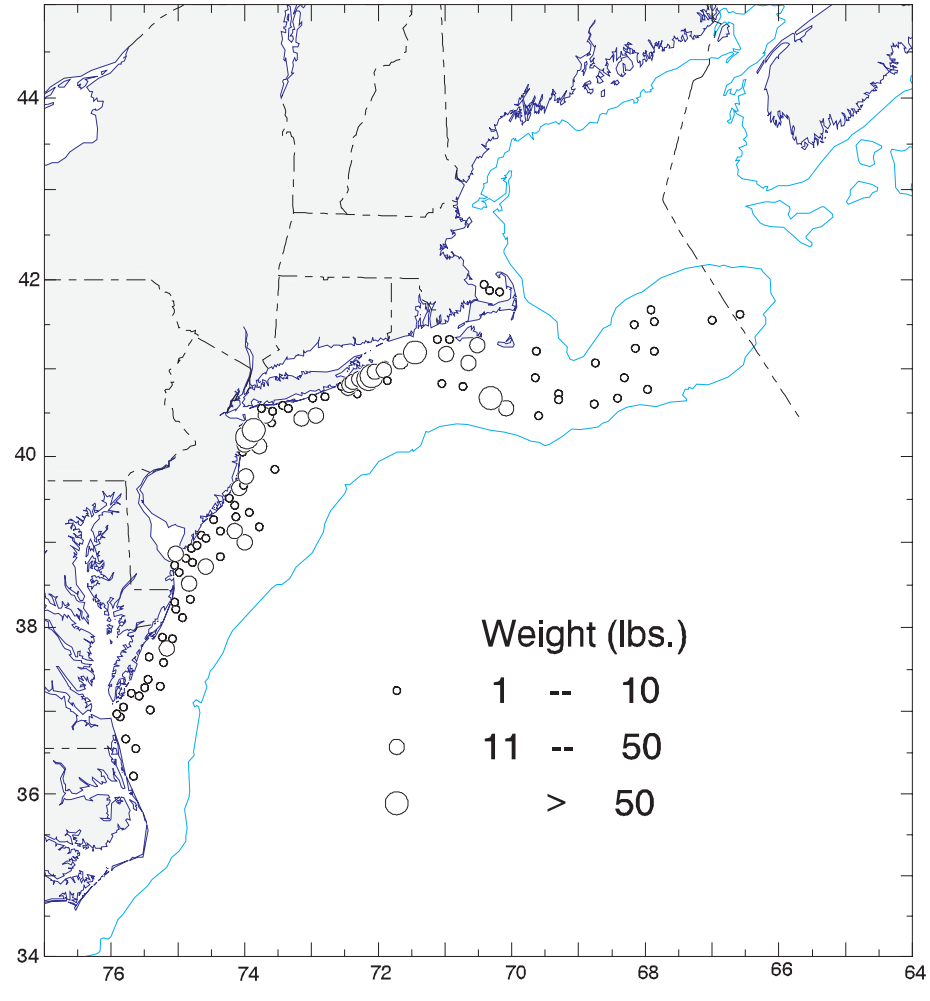
WITCH FLOUNDER
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



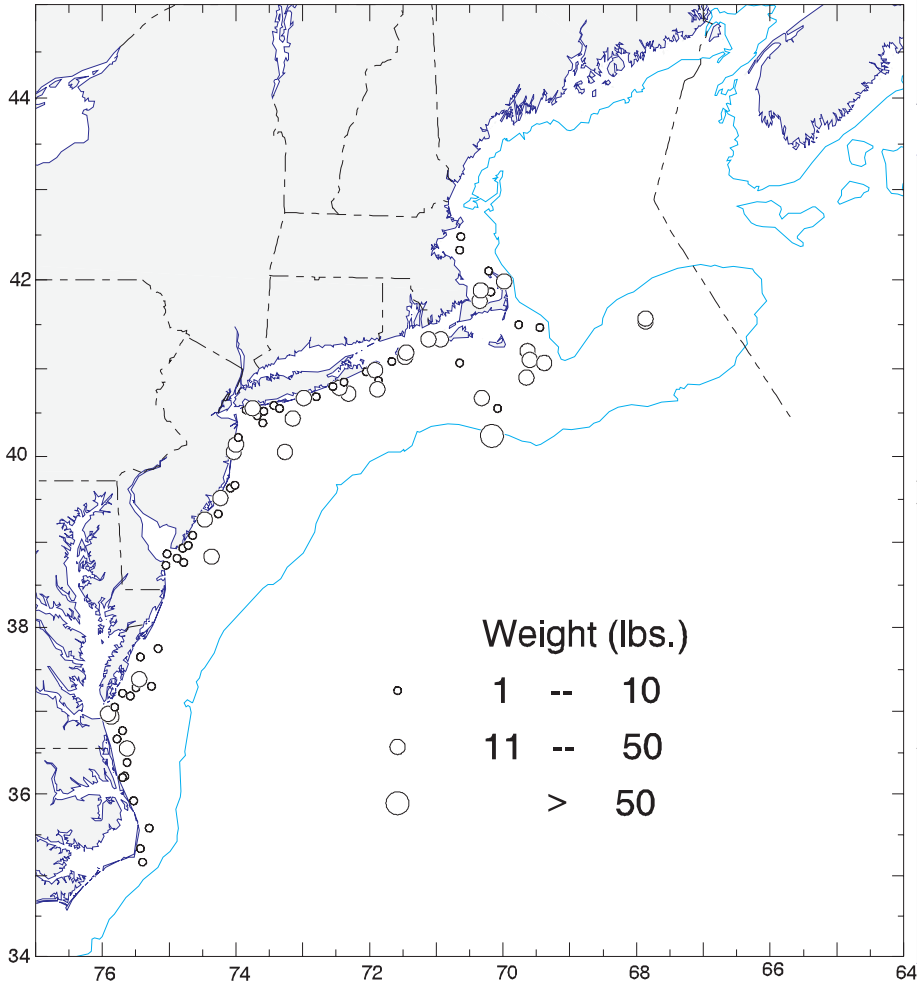
WINDOWPANE FLOUNDER
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



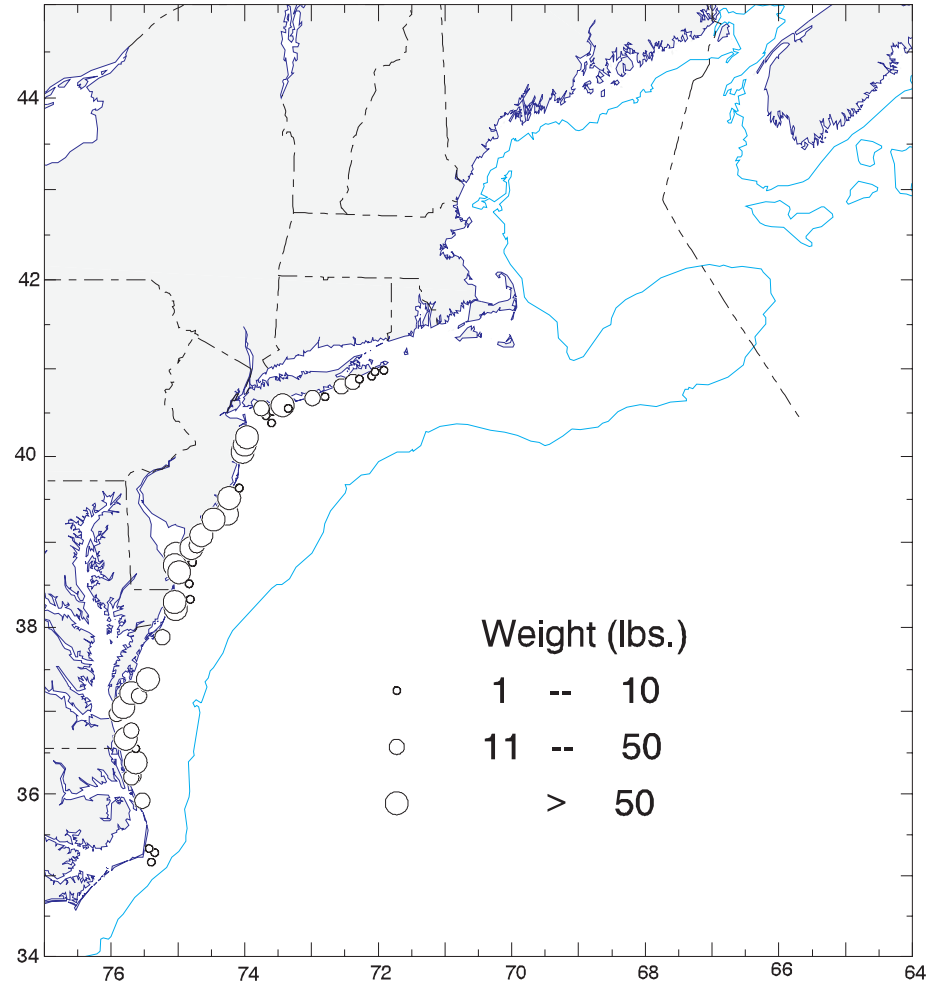
SUMMER FLOUNDER
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



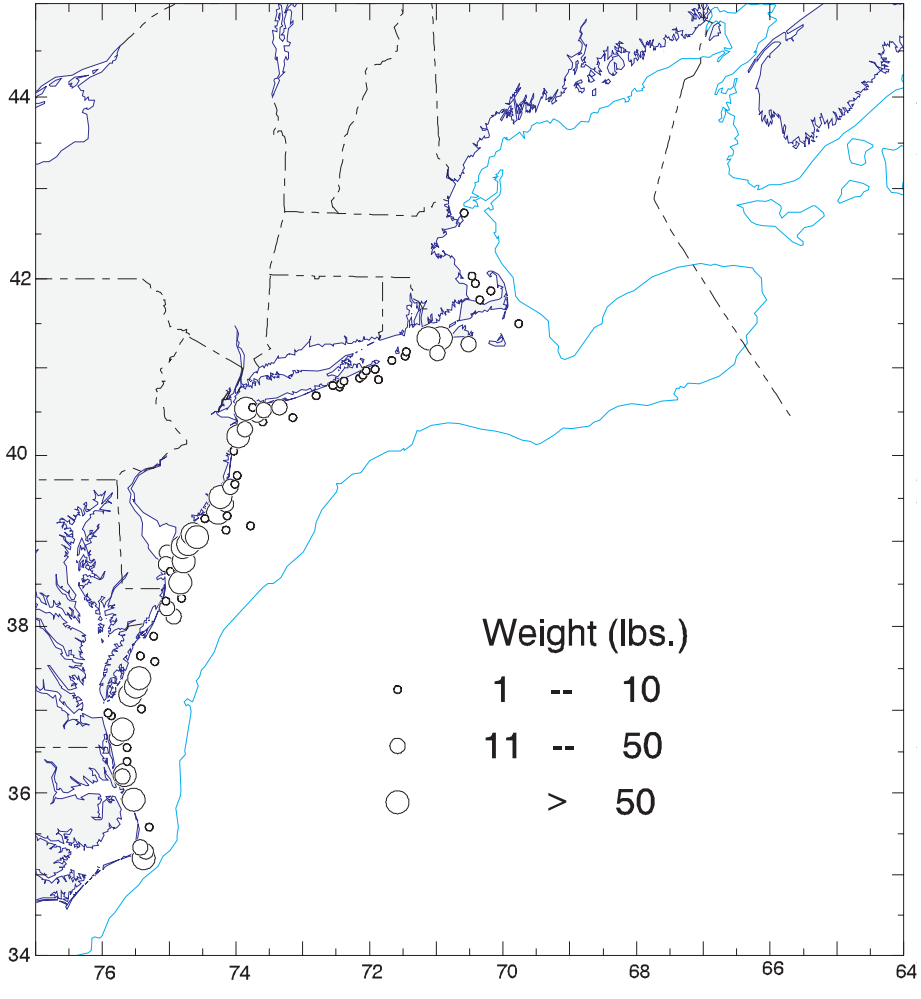
BLUEFISH
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



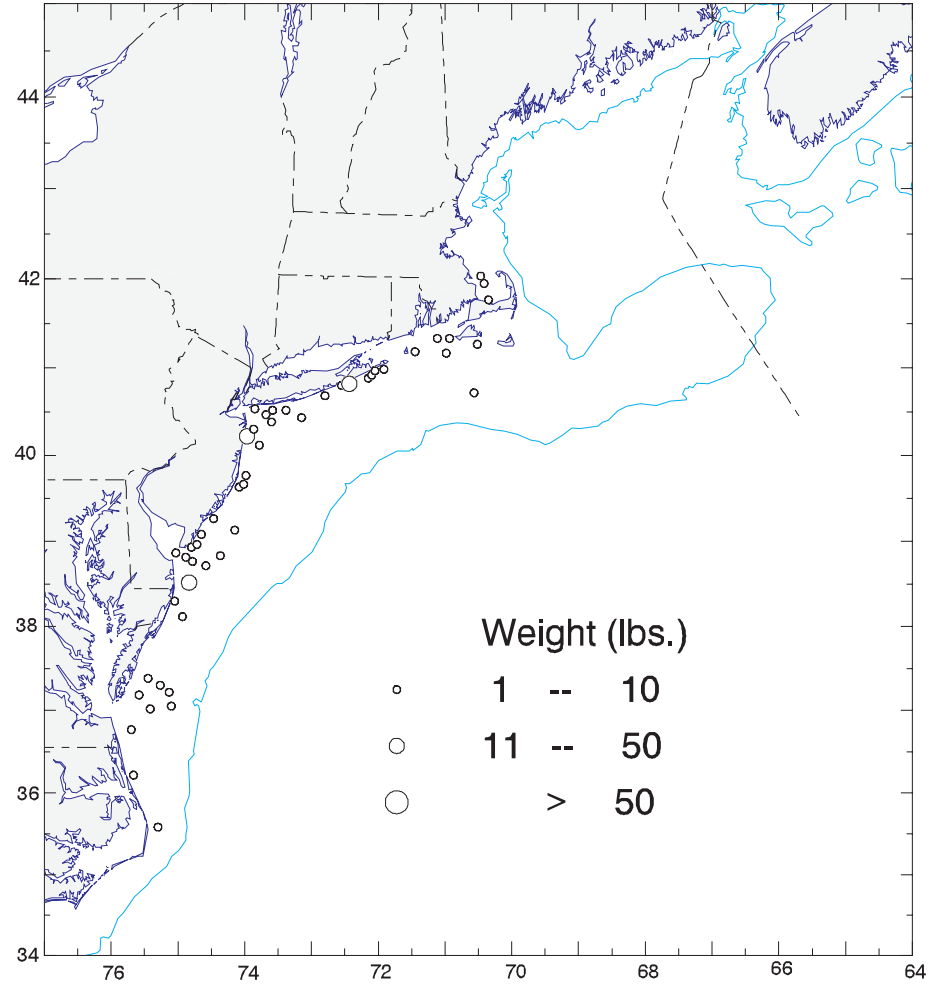
WEAKFISH
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



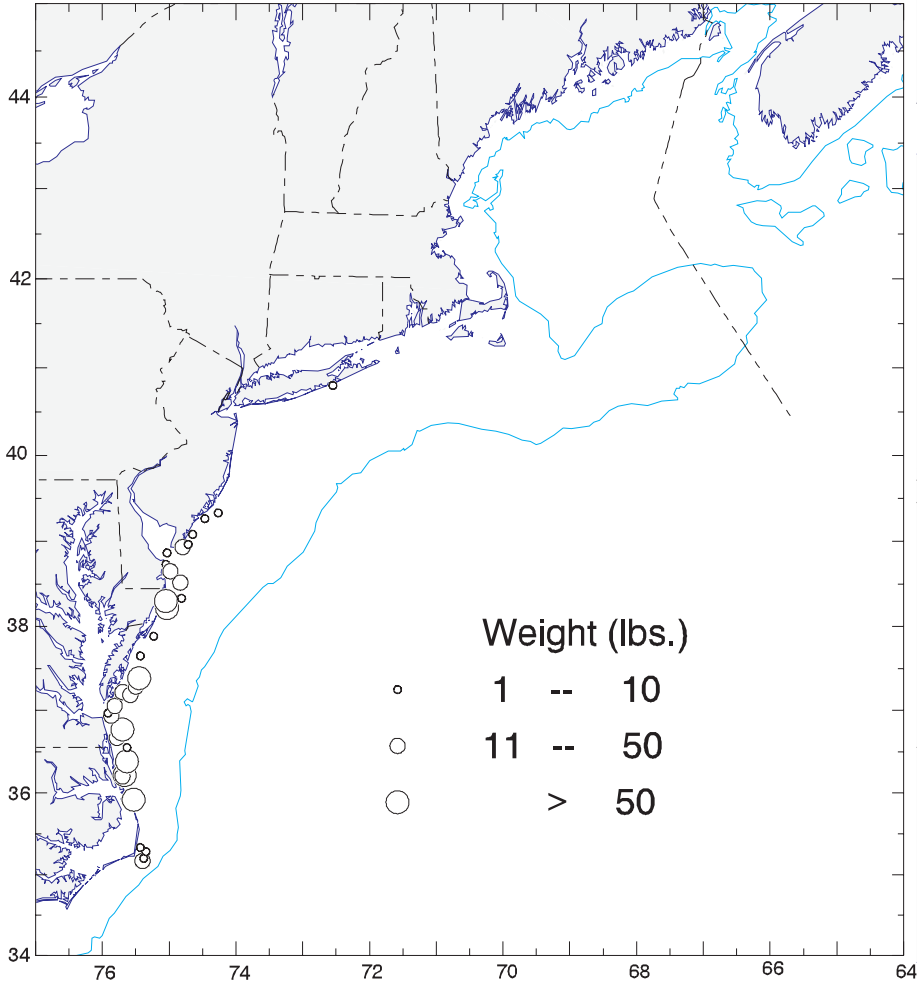
SCUP
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



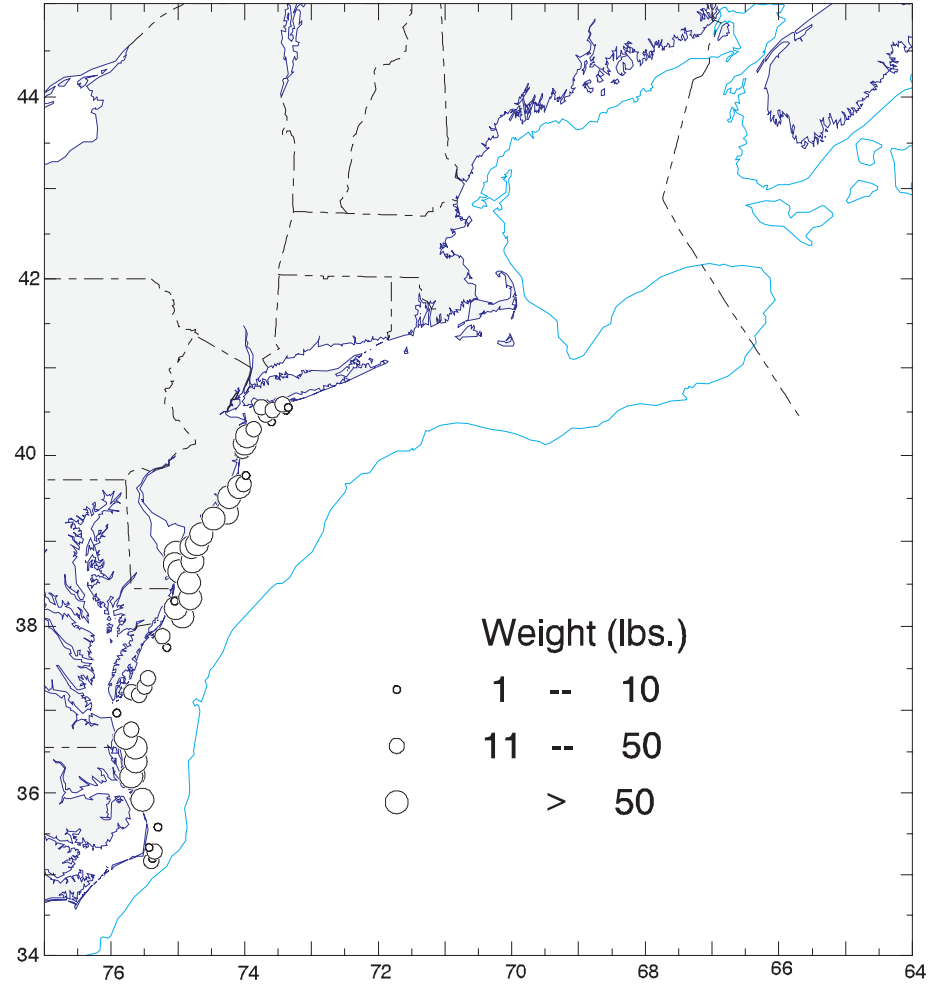
BLACK SEA BASS
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



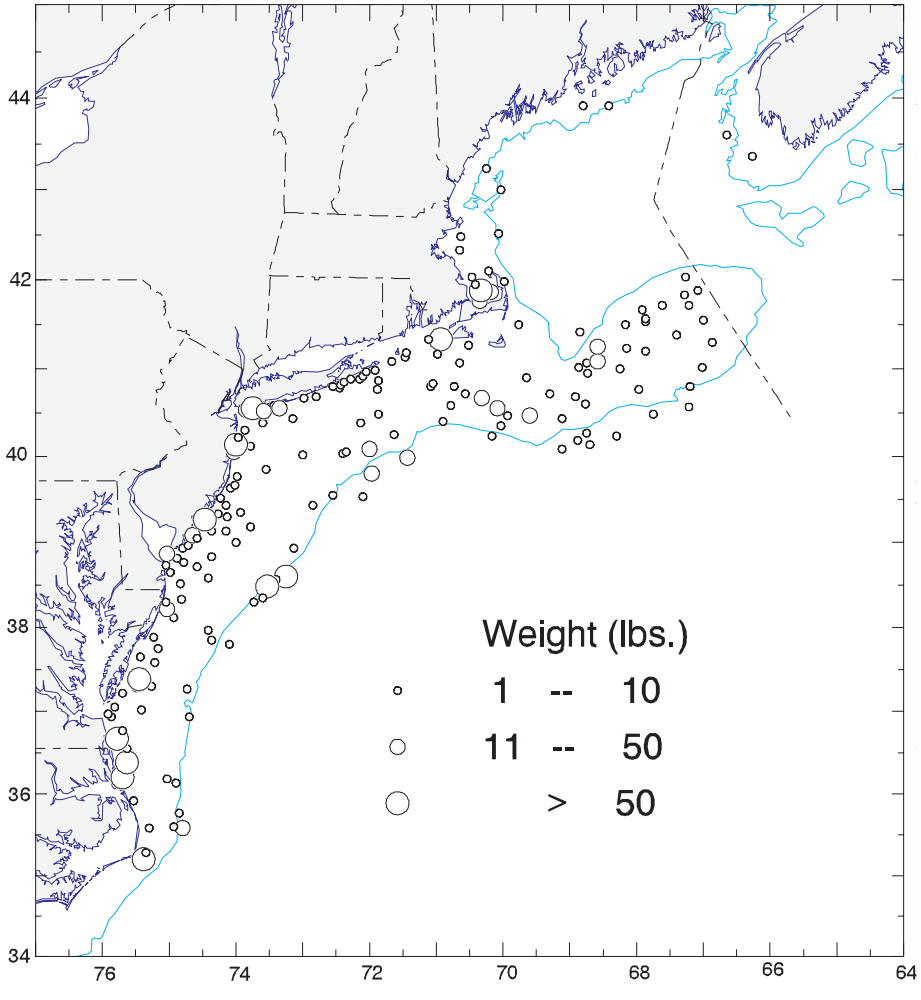
SPOT
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



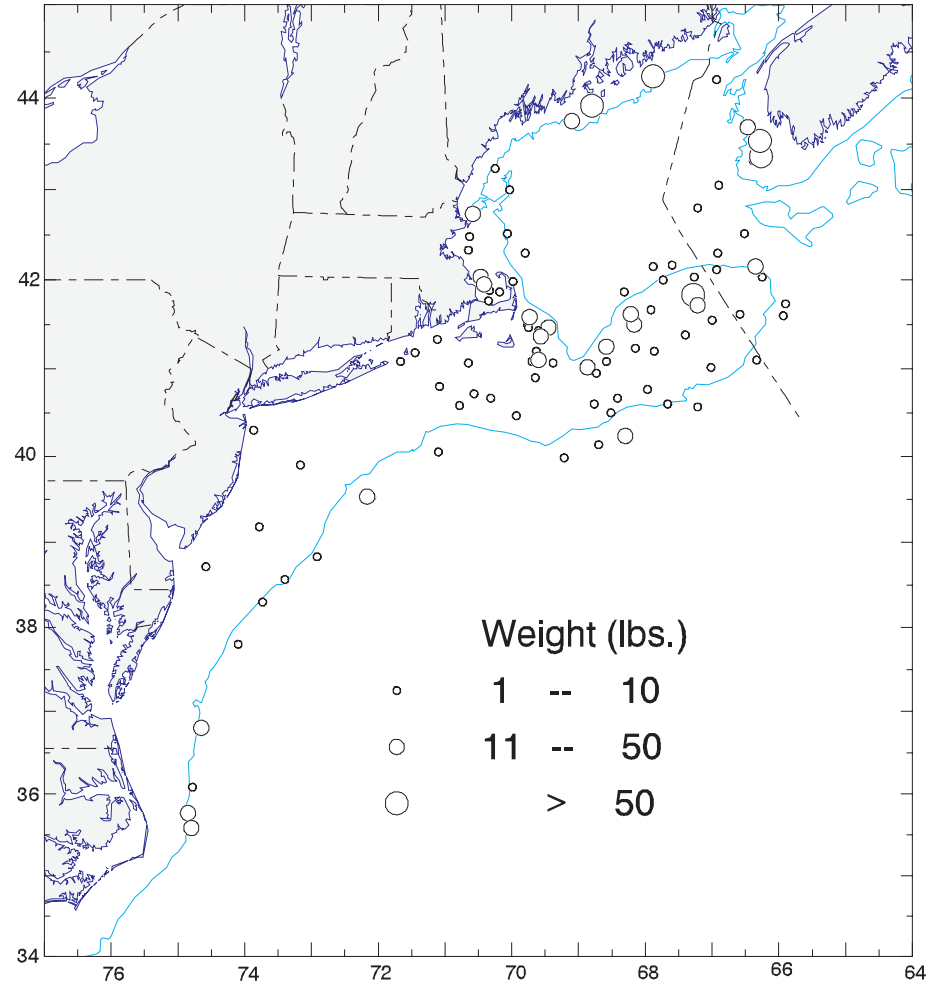
ATLANTIC CROAKER
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



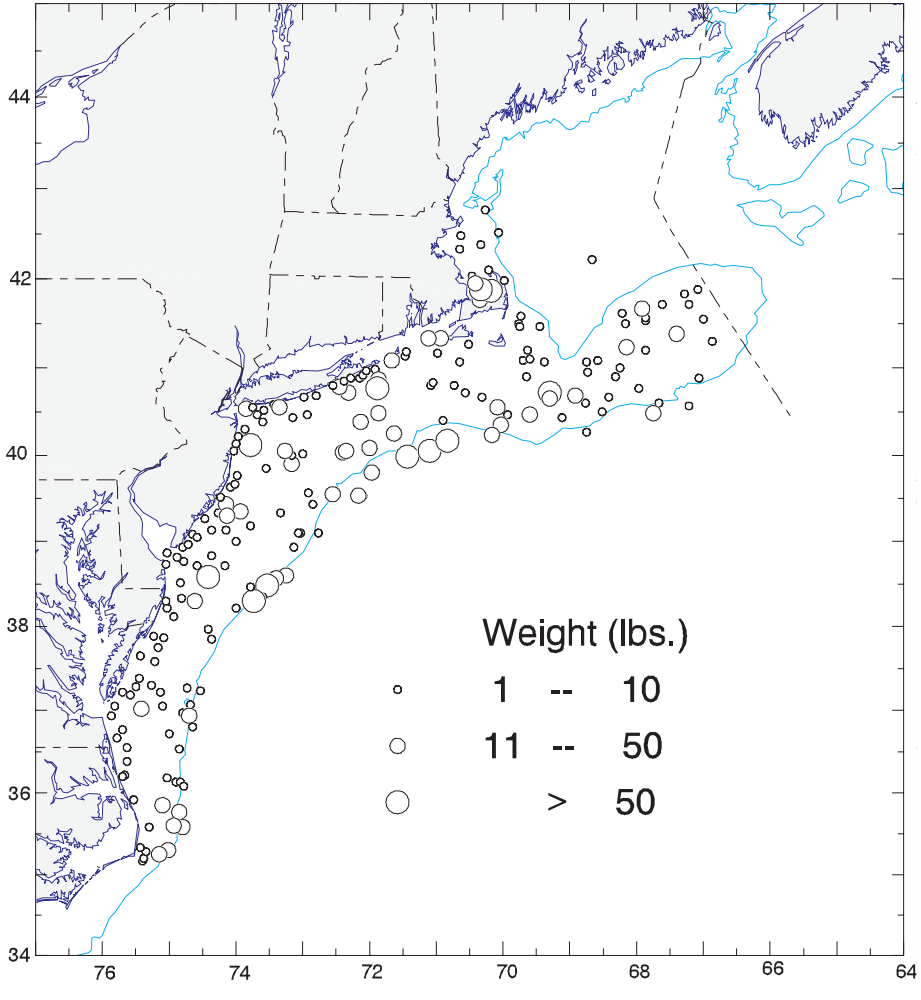
BUTTERFISH
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



AMERICAN LOBSTER
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



LOLIGO
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004



ILLEX
NMFS-NEFSC Bottom Trawl Survey
SEP. 9 - OCT. 27, 2004