Fishermen's Report

Bottom Trawl Survey

Cape Hatteras - Gulf of Maine
March 15 - May 4, 2000
FRV ALBATROSS IV

National Marine Fisheries Service
Northeast Fisheries Science Center
Woods Hole, MA 02543

FRV ALBATROSS IV fishermen handling the catch from a deepwater trawl station in the Gulf of Maine.

FISHERMEN'S REPORT

National Marine Fisheries Service
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Spring Bottom Trawl Survey
Preliminary Catch Summary
Cape Hatteras - Gulf of Maine
March 15 - May 4, 2000

Attached is a listing and series of geographical plots of commercially and recreationally important species caught during the Northeast Fisheries Science Center's 2000 spring bottom trawl survey aboard 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 codend and upper belly were lined with 1/2-inch mesh to retain young-of-the-year fish.

Because of the 3O-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 catchability 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).

In an effort to make this report timely, the data are summarized from unaudited catch files. Therefore, data records in this report are provisional and subject to change.

For further information contact Tom Azarovitz or Linda Despres, Ecosystem Surveys Branch, National Marine Fisheries Service, Northeast Fisheries Science Center, 166 Water Street. Woods Hole. MA 02543-1097.

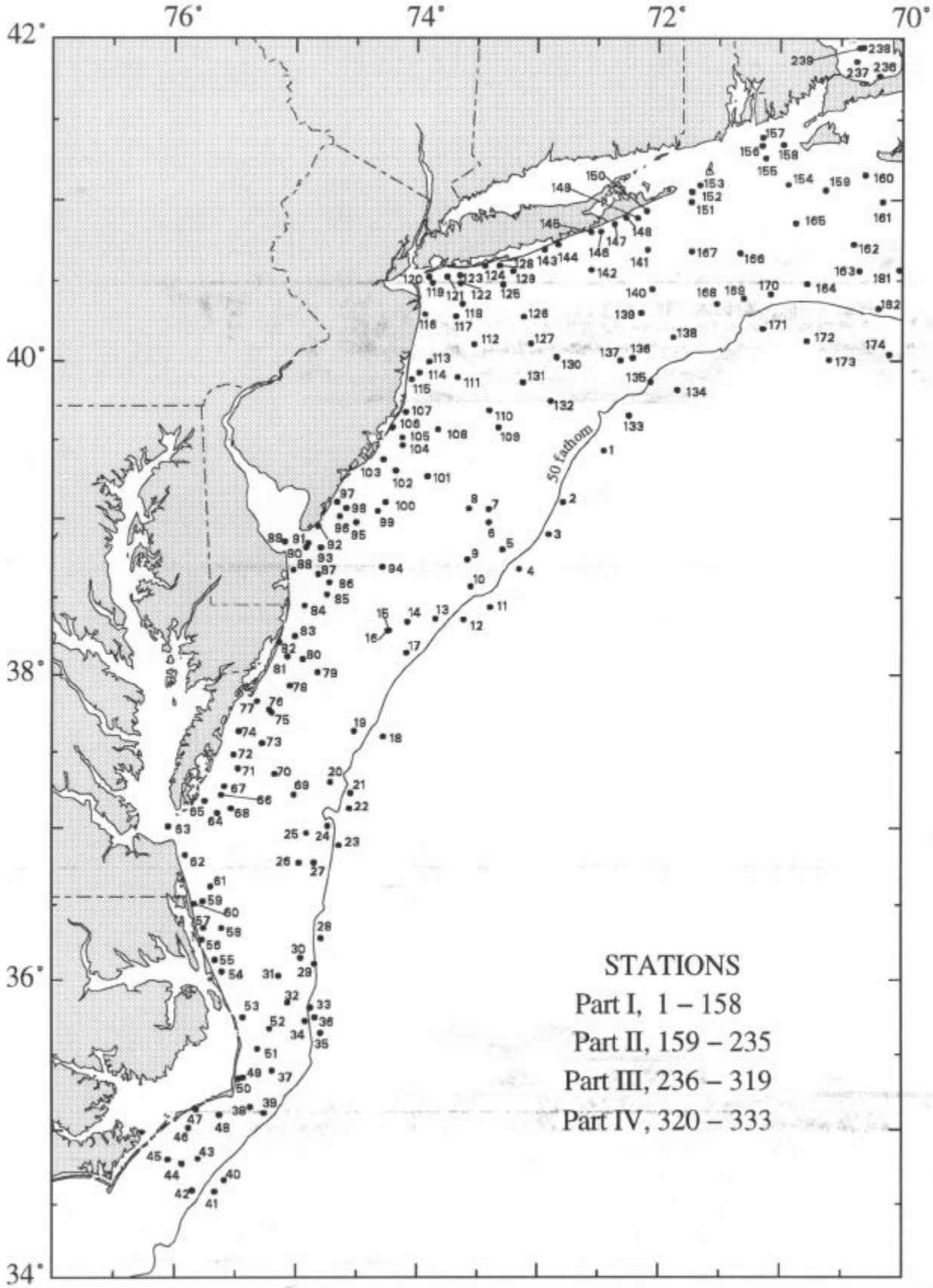

Figure 1. Trawl hauls made from the FRV Albatross IV, during National Marine Fisheries Service, Northeast Fisheries Science Center spring bottom trawl survey (2000 – 02), March 15 – May 4, 2000.

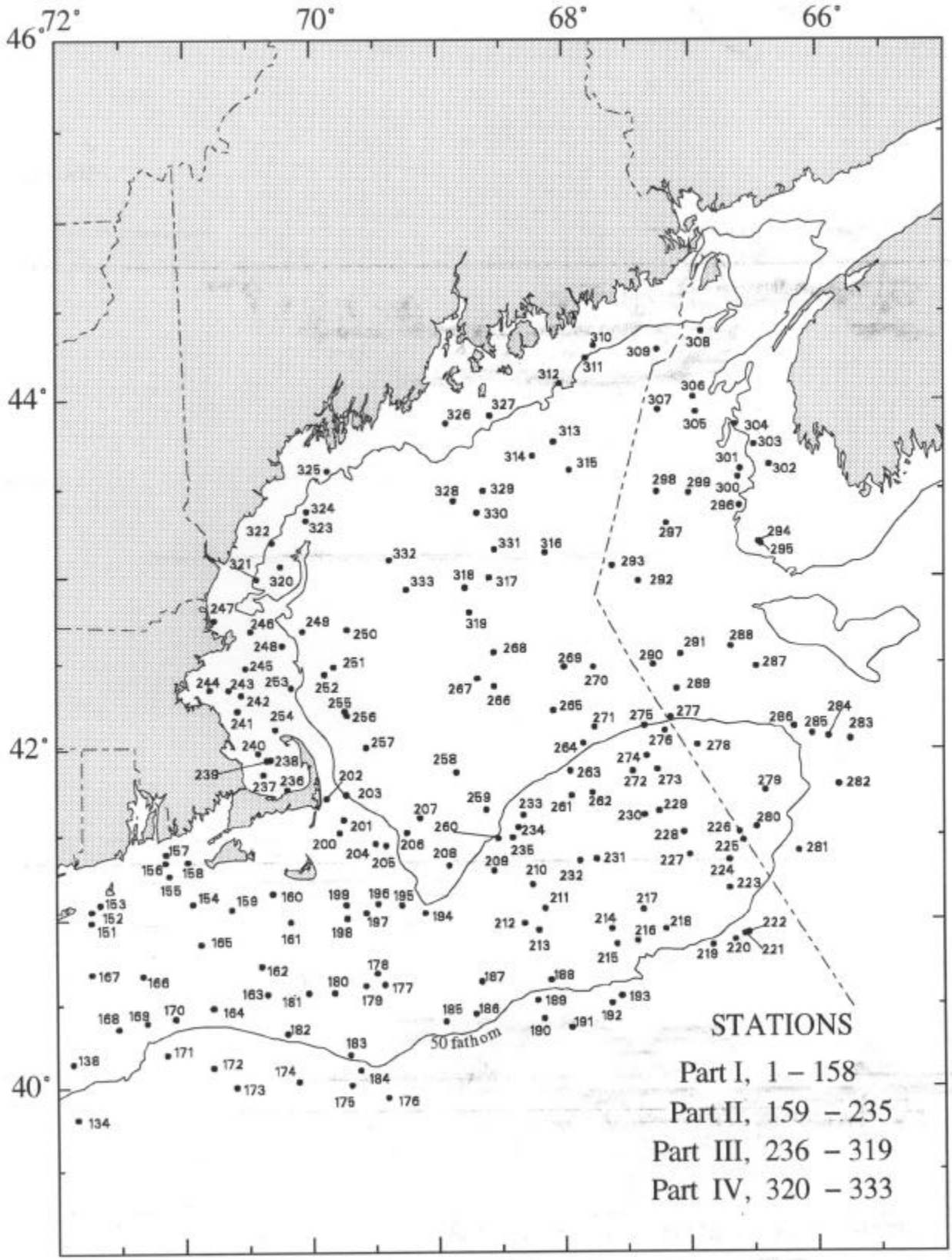

Figure 2. Trawl hauls made from FRV Albatross IV, during National Marine Fisheries Service, Northeast Fisheries Science Center spring bottom trawl survey (2000 – 02), March 15 – May 4, 2000.

NMFS-NEFSC SPRING BOTTOM TRAWL SURVEY
2000 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran TD's		Course	Bottom Depth (FM)	Temp (F)
0001	Mar-16	0612	3925.8	7227.1	X26215.6	Y43062.6	179	67.8	55.9
0002	Mar-16	0923	3906.2	7247.2	X26342.7	Y42881.0	161	66.2	54.7
0003	Mar-16	1151	3854.0	7254.2	X26382.0	Y42762.6	169	141.6	55.6
0004	Mar-16	1439	3840.8	7308.9	X26464.2	Y42629.3	223	74.4	55.0
0005	Mar-16	1639	3848.2	7317.3	X26519.9	Y42698.1	330	41.0	52.7
0006	Mar-16	1824	3858.5	7324.1	X26571.3	Y42798.5	342	32.5	46.2
0007	Mar-16	1945	3903.6	7324.2	X26576.8	Y42849.4	272	30.1	45.7
0008	Mar-16	2110	3903.8	7334.1	X26639.9	Y42848.8	233	27.1	46.2
0009	Mar-16	2349	3844.5	7334.8	X26622.2	Y42652.3	171	33.6	46.6
0010	Mar-17	0142	3834.2	7333.0	X26601.3	Y42548.6	133	39.9	49.6
0011	Mar-17	0404	3826.1	7323.3	X26538.4	Y42475.1	230	69.2	54.7
0012	Mar-17	0803	3821.4	7336.6	X26609.6	Y42416.9	187	71.9	54.5
0013	Mar-17	1029	3821.7	7350.6	X26688.7	Y42408.2	010	37.5	48.6
0014	Mar-17	1448	3820.5	7404.6	X26765.1	Y42382.8	015	33.6	48.6
0015	Mar-17	1822	3817.2	7413.6	X26810.2	Y42339.5	320	29.3	47.7
0016	Mar-17	1936	3817.1	7414.5	X26815.2	Y42338.0	333	29.5	
0017	Mar-18	0633	3808.5	7405.0	X26752.0	Y42256.7	331	39.4	47.7
0018	Mar-18	1043	3700.4	7416.5	X26736.0	Y41533.5	219	118.9	55.6
0019	Mar-18	1307	3738.2	7431.1	X26846.9	Y41901.3	232	33.6	48.6
0020	Mar-18	1545	3718.1	7442.8	X26876.1	Y41667.7	192	32.5	49.1
0021	Mar-18	1746	3713.8	7432.7	X26824.0	Y41640.9	196	68.1	53.8
0022	Mar-18	1911	3707.7	7433.3	X26820.0	Y41575.9	190	104.4	55.0
0023	Mar-18	2126	3653.3	7438.4	X26826.7	Y41415.1	197	87.5	53.8
0024	Mar-18	2356	3700.9	7444.0	X26860.2	Y41482.7	222	41.8	53.1
0025	Mar-19	0138	3658.1	7454.6	X26903.4	Y41431.9	205	24.1	49.5
0026	Mar-19	0336	3646.4	7458.2	X26904.5	Y41299.8	115	18.6	47.1
0027	Mar-19	0520	3646.5	7450.9	X26873.1	Y41317.6	195	25.7	49.3
0028	Mar-19	0844	3616.6	7447.5	X26826.3	Y41019.9	183	65.9	52.7
0029	Mar-19	1028	3606.4	7450.7	X26829.0	Y40909.5	190	50.9	51.4
0030	Mar-19	1229	3608.8	7457.5	X26858.4	Y40914.5	224	20.8	50.2
0031	Mar-19	1423	3601.6	7508.4	X26893.5	Y40811.0	211	17.5	45.9
0032	Mar-19	1606	3551.0	7503.8	X26864.9	Y40719.9	122	21.6	45.9
0033	Mar-19	1749	3549.0	7452.6	X26820.3	Y40735.6	168	66.7	52.7
0034	Mar-19	1952	3543.7	7455.3	X26825.4	Y40676.3	031	36.6	49.8
0035	Mar-19	2144	3538.8	7447.7	X26792.7	Y40656.0	160	198.2	52.2
0036	Mar-19	2354	3545.2	7450.5	X26808.6	Y40705.8	150	146.3	52.7
0037	Mar-20	0339	3523.8	7511.7	X26867.7	Y40435.2	196	16.4	47.7
0038	Mar-20	0601	3509.2	7522.6	X26892.5	Y40263.4	129	11.8	51.8
0039	Mar-20	0828	3506.7	7515.8	X26866.3	Y40267.8	216	36.4	60.8
0040	Mar-20	1233	3439.8	7535.5	X26908.9	Y39963.5	228	121.9	56.7
0041	Mar-20	1404	3435.1	7540.2	X26920.0	Y39906.2	228	105.3	56.8
0042	Mar-20	1552	3435.6	7551.3	X26956.5	Y39861.1	052	27.6	68.0
0043	Mar-20	1800	3448.5	7548.4	X26959.9	Y39979.1	266	17.2	72.7
0044	Mar-20	1921	3446.4	7556.4	X26984.2	Y39928.1	295	17.2	62.1
0045	Mar-20	2042	3448.2	7603.1	X27008.2	Y39914.6	031	16.4	61.5
0046	Mar-20	2259	3500.9	7553.0	X26988.5	Y40069.9	031	12.3	64.0
0047	Mar-21	0026	3508.2	7549.3	X26983.9	Y40152.6	091	8.2	61.0
0048	Mar-21	0218	3506.0	7537.8	X26942.2	Y40176.3	082	12.6	64.2

NMFS-NEFSC SPRING BOTTOM TRAWL SURVEY
2000 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran TD's		Course	Bottom Depth (FM)	Temp (F)
0049	Mar-21	0547	3520.9	7526.1	X26916.3	Y40357.5	136	8.7	48.4
0050	Mar-21	0754	3520.4	7528.5	X26924.5	Y40343.7	033	8.5	48.4
0051	Mar-21	1013	3532.4	7518.9	X26902.2	Y40491.6	034	13.1	47.3
0052	Mar-21	1156	3540.6	7512.8	X26888.3	Y40590.3	335	20.0	45.5
0053	Mar-21	1351	3545.1	7526.1	X26942.4	Y40591.7	338	8.5	46.8
0054	Mar-21	1645	3603.4	7536.4	X27003.3	Y40747.9	336	12.8	46.2
0055	Mar-21	1811	3608.0	7539.8	X27022.4	Y40787.5	323	10.9	46.2
0056	Mar-21	1951	3616.1	7546.3	X27058.3	Y40858.0	344	6.8	46.0
0057	Mar-21	2100	3620.7	7545.4	X27061.9	Y40910.8	087	10.4	46.0
0058	Mar-21	2219	3620.6	7536.6	X27027.1	Y40931.9	358	13.1	45.3
0059	Mar-22	0101	3637.1	7542.0	X27072.9	Y41100.0	060	9.0	45.3
0060	Mar-22	0321	3631.3	7545.8	X27079.0	Y41026.8	327	9.3	46.0
0061	Mar-22	0456	3630.3	7550.2	X27094.7	Y41005.3	353	6.0	47.1
0062	Mar-22	0755	3649.5	7554.4	X27143.2	Y41213.6	346	6.8	47.1
0063	Mar-22	1007	3700.6	7602.8	X27197.2	Y41324.9	137	8.2	48.0
0064	Mar-23	1114	3705.9	7538.6	X27106.0	Y41429.8	359	9.3	43.9
0065	Mar-23	1254	3710.6	7544.9	X27140.9	Y41472.7	030	5.2	44.2
0066	Mar-23	1426	3713.0	7536.8	X27110.4	Y41514.5	327	8.7	44.1
0067	Mar-23	1534	3716.5	7535.2	X27110.0	Y41556.3	141	8.7	43.9
0068	Mar-23	1716	3707.7	7531.9	X27080.2	Y41463.1	054	10.4	43.9
0069	Mar-23	2034	3713.1	7500.8	X26951.9	Y41581.1	357	19.4	45.1
0070	Mar-23	2221	3721.4	7510.3	X27007.4	Y41654.4	275	17.8	44.8
0071	Mar-24	0021	3723.5	7528.4	X27092.5	Y41647.3	349	11.8	44.2
0072	Mar-24	0145	3728.9	7530.6	X27112.2	Y41704.9	065	8.5	44.1
0073	Mar-24	0336	3733.3	7516.5	X27056.1	Y41778.2	307	59.9	44.1
0074	Mar-24	0521	3738.1	7528.1	X27118.4	Y41814.7	061	7.9	44.2
0075	Mar-24	0720	3745.3	7511.9	X27055.6	Y41919.6	058	12.6	43.9
0076	Mar-24	0853	3746.4	7513.1	X27063.9	Y41930.7	310	10.9	43.9
0077	Mar-24	1009	3749.7	7519.1	X27098.6	Y41959.4	028	7.9	44.2
0078	Mar-24	1208	3755.8	7502.9	X27031.4	Y42049.2	047	13.7	43.9
0079	Mar-24	1448	3801.0	7449.1	X26971.7	Y42124.5	305	15.0	43.3
0080	Mar-24	1609	3806.0	7456.6	X27018.6	Y42172.0	308	12.0	43.7
0081	Mar-24	1723	3807.1	7504.1	X27058.9	Y42175.1	329	9.8	43.9
0082	Mar-24	1831	3812.6	7508.1	X27090.4	Y42233.1	023	5.7	44.4
0083	Mar-24	1957	3815.0	7500.5	X27055.9	Y42267.8	035	10.4	43.7
0084	Mar-24	2141	3826.7	7455.7	X27054.7	Y42404.8	067	9.0	43.5
0085	Mar-24	2311	3831.1	7444.6	X27003.4	Y42463.0	001	14.5	42.8
0086	Mar-25	0018	3835.7	7443.4	X27006.4	Y42515.1	314	10.7	42.8
0087	Mar-25	0137	3838.8	7449.0	X27043.6	Y42545.4	326	12.6	42.8
0088	Mar-25	0348	3840.5	7501.2	X27114.8	Y42555.1	160	7.9	43.7
0089	Mar-25	0618	3851.2	7505.6	X27164.7	Y42674.8	336	12.8	42.8
0090	Mar-25	0814	3849.0	7455.0	X27100.2	Y42656.2	060	7.1	42.6
0091	Mar-25	0914	3850.6	7454.0	X27098.2	Y42674.7	271	7.1	42.4
0092	Mar-25	1102	3857.2	7449.2	X27086.1	Y42751.4	050	6.0	42.1
0093	Mar-25	1259	3849.0	7447.7	X27058.4	Y42660.0	074	10.1	43.3
0094	Mar-25	1617	3841.6	7417.0	X26867.4	Y42598.1	342	22.4	43.9
0095	Mar-25	1844	3858.5	7430.2	X26977.2	Y42775.1	014	12.3	42.4
0096	Mar-25	2020	3900.8	7438.4	X27031.2	Y42796.7	002	7.9	43.2

NMFS-NEFSC SPRING BOTTOM TRAWL SURVEY
2000 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran TD's		Course	Bottom Depth (FM)	Temp (F)
0097	Mar-25	2133	3906.3	7439.8	X27052.1	Y42856.9	125	7.9	41.5
0098	Mar-25	2235	3904.0	7435.2	X27018.9	Y42832.6	080	9.0	42.1
0099	Mar-26	0021	3902.8	7419.5	X26921.6	Y42826.1	053	15.3	43.3
0100	Mar-26	0126	3906.2	7415.6	X26904.1	Y42863.0	054	15.6	43.5
0101	Mar-26	0411	3916.0	7354.7	X26790.3	Y42971.7	298	17.5	45.1
0102	Mar-26	0604	3918.2	7410.6	X26896.6	Y42993.2	274	12.6	42.8
0103	Mar-26	0723	3922.5	7416.7	X26945.3	Y43038.1	027	9.3	41.2
0104	Mar-26	0855	3927.9	7407.2	X26895.3	Y43096.3	026	10.9	41.2
0105	Mar-26	0959	3930.8	7407.4	X26902.4	Y43126.7	358	10.1	41.4
0106	Mar-26	1122	3934.7	7412.2	X26943.4	Y43169.2		6.3	41.4
0107	Mar-26	1234	3940.5	7405.6	X26911.8	Y43229.6	115	9.0	41.0
0108	Mar-26	1430	3933.8	7349.6	X26788.6	Y43156.3	108	15.9	43.7
0109	Mar-26	1722	3934.6	7319.4	X26581.6	Y43156.9	317	19.1	44.2
0110	Mar-26	1846	3941.1	7324.0	X26623.3	Y43222.6	316	18.3	43.9
0111	Mar-26	2058	3953.6	7339.9	X26758.6	Y43354.3	008	17.0	41.9
0112	Mar-26	2259	4006.1	7331.6	X26722.5	Y43472.8	315	29.5	42.3
0113	Mar-27	0129	3959.5	7354.0	X26873.5	Y43421.4	219	12.3	41.4
0114	Mar-27	0238	3955.3	7358.9	X26899.3	Y43381.3	225	9.8	41.4
0115	Mar-27	0352	3952.8	7402.7	X26920.2	Y43356.3	000	10.1	41.5
0116	Mar-27	0732	4017.4	7356.1	X26933.8	Y43604.8	007	9.8	41.2
0117	Mar-27	0940	4016.7	7340.7	X26814.9	Y43584.8	339	14.2	41.2
0118	Mar-27	1103	4021.3	7337.4	X26800.5	Y43627.1	341	13.1	41.5
0119	Mar-27	1312	4029.2	7352.3	X26936.8	Y43719.8	052	9.0	41.2
0120	Mar-27	1425	4031.4	7354.0	X26956.6	Y43743.7	059	5.7	41.2
0121	Mar-27	1552	4031.5	7345.0	X26885.9	Y43734.4	112	11.2	41.0
0122	Mar-27	1710	4029.0	7338.4	X26827.1	Y43703.1	319	10.4	41.4
0123	Mar-27	1820	4032.0	7338.8	X26837.4	Y43732.0	086	8.7	41.5
0124	Mar-27	2003	4035.4	7326.1	X26744.7	Y43750.3	072	6.0	44.2
0125	Mar-27	2158	4028.5	7317.2	X26656.5	Y43675.4	187	15.6	40.6
0126	Mar-28	0004	4016.5	7306.8	X26551.3	Y43552.4	156	23.0	41.5
0127	Mar-28	0149	4006.4	7303.3	X26508.0	Y43455.1	109	25.2	42.1
0128	Mar-28	0838	4035.6	7318.9	X26686.4	Y43743.6	085	9.6	43.5
0129	Mar-28	0959	4033.5	7312.2	X26627.0	Y43716.2	124	13.7	43.5
0130	Mar-28	1421	4001.2	7250.4	X26403.3	Y43397.3	164	29.0	43.5
0131	Mar-28	1707	3951.6	7307.3	X26517.6	Y43317.9	137	31.2	43.7
0132	Mar-28	1920	3944.6	7253.5	X26409.0	Y43244.4	130	38.3	44.6
0133	Mar-28	2319	3939.1	7214.5	X26130.4	Y43178.8	002	65.6	54.1
0134	Mar-29	0246	3948.8	7150.6	X25960.4	Y43252.5	195	106.1	55.9
0135	Mar-29	0513	3951.8	7203.9	X26053.7	Y43285.4	332	51.7	50.5
0136	Mar-29	0707	4000.9	7212.8	X26119.3	Y43369.8	243	43.2	46.9
0137	Mar-29	0830	3960.0	7218.9	X26164.9	Y43365.5	024	41.3	48.0
0138	Mar-29	1125	4008.8	7152.6	X25968.1	Y43422.2	334	42.9	49.3
0139	Mar-29	1400	4017.9	7208.5	X26092.2	Y43512.4	306	33.4	43.2
0140	Mar-29	1549	4026.9	7203.0	X26052.8	Y43582.1	005	35.8	41.9
0141	Mar-29	1759	4041.5	7205.3	X26084.2	Y43705.2	246	25.7	40.5
0142	Mar-29	2054	4000.3	7233.4	X26273.7	Y43378.2	300	21.1	41.0
0143	Mar-29	2329	4041.5	7256.6	X26515.6	Y43769.5	066	7.1	41.0
0144	Mar-30	0053	4043.4	7249.8	X26462.3	Y43776.9	068	9.6	41.0

NMFS-NEFSC SPRING BOTTOM TRAWL SURVEY
2000 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran TD's		Course	Bottom Depth (FM)	Temp (F)
0145	Mar-30	0239	4048.0	7233.5	X26332.6	Y43795.1	073	9.0	40.5
0146	Mar-30	0404	4048.3	7228.6	X26291.8	Y43790.9	065	13.1	40.3
0147	Mar-30	0524	4051.0	7222.0	X26239.5	Y43804.5	062	10.4	40.8
0148	Mar-30	0708	4053.3	7216.1	X26193.2	Y43815.4	062	10.4	48.9
0149	Mar-30	0818	4053.2	7210.4	X26143.1	Y43806.7	065	14.8	40.1
0150	Mar-30	0917	4055.9	7205.8	X26108.1	Y43821.9	072	12.6	39.9
0151	Mar-30	1136	4059.3	7143.8	X25920.3	Y43818.0	057	23.0	40.5
0152	Mar-30	1254	4103.2	7143.6	X25924.4	Y43847.0	049	17.8	40.3
0153	Mar-30	1355	4105.6	7139.6	X25892.9	Y43859.6	084	18.3	39.9
0154	Mar-30	1734	4105.8	7056.1	X25506.1	Y43801.7	344	18.9	41.4
0155	Mar-30	1932	4115.7	7107.1	X25621.6	Y43886.3	042	21.9	40.3
0156	Mar-30	2047	4120.4	7109.0	X25649.3	Y43921.4	040	15.3	41.4
0157	Mar-30	2155	4123.3	7108.6	X25654.8	Y43941.5	105	12.6	41.7
0158	Mar-30	2314	4120.6	7058.4	X25554.7	Y43907.7	087	15.6	41.7
0159	Apr-03	1758	4103.8	7037.7	X25343.0	Y43764.7	074	23.5	42.4
0160	Apr-03	1908	4109.4	7018.3	X25173.1	Y43778.7	155	16.7	43.0
0161	Apr-03	2050	4059.4	7009.8	X25126.6	Y43702.5	149	12.8	43.3
0162	Apr-03	0000	4043.6	7023.8	X25266.2	Y43609.2	251	27.1	43.0
0163	Apr-04	0119	4033.6	7021.0	X25278.1	Y43536.4	183	33.1	42.8
0164	Apr-04	0410	4028.8	7046.6	X25458.7	Y43524.3	346	41.3	50.7
0165	Apr-04	0655	4051.4	7052.4	X25471.6	Y43694.9	308	30.1	41.9
0166	Apr-04	1036	4040.3	7119.7	X25701.4	Y43643.3	225	32.3	41.9
0167	Apr-04	1401	4040.9	7143.7	X25901.0	Y43674.8	221	33.1	41.5
0168	Apr-04	1725	4021.3	7131.1	X25799.6	Y43507.0	176	43.7	49.8
0169	Apr-04	2040	4023.4	7117.8	X25696.3	Y43511.6	049	43.2	50.2
0170	Apr-04	2252	4000.2	7104.5	X25633.1	Y43320.8	214	45.4	51.1
0171	Apr-05	0106	4012.1	7108.5	X25641.3	Y43415.5	214	65.9	54.7
0172	Apr-05	0414	4007.4	7046.8	X25505.3	Y43364.7	164	72.5	55.0
0173	Apr-05	0650	4000.2	7035.9	X25456.9	Y43304.1	068	127.7	50.5
0174	Apr-05	1031	4002.2	7006.4	X25300.6	Y43302.1	149	89.1	54.3
0175	Apr-05	1329	4000.9	6941.4	W14131.8	Y43280.2	232	67.8	55.9
0176	Apr-05	1626	3956.4	6924.0	W14060.0	Y43241.4	266	112.9	54.5
0177	Apr-06	1135	4037.0	6925.4	W13929.5	Y43512.4	259	27.6	44.1
0178	Apr-06	1304	4041.0	6928.9	W13932.3	Y43541.6	294	24.3	44.2
0179	Apr-06	1431	4036.6	6934.4	W13976.8	Y43517.1	263	32.0	43.7
0180	Apr-06	1621	4034.0	6949.3	W14063.2	Y43512.4	271	34.2	46.0
0181	Apr-06	1755	4034.0	7001.6	X25173.9	Y43522.1	277	31.7	43.7
0182	Apr-06	2108	4019.5	7011.6	X25270.5	Y43429.2	218	47.6	52.9
0183	Apr-07	0135	4011.9	6941.9	W14099.6	Y43356.1	210	48.1	51.1
0184	Apr-07	0321	4006.3	6937.1	W14093.6	Y43315.0	045	51.9	55.0
0185	Apr-07	0804	4023.8	6856.3	W13833.1	Y43406.9	045	44.6	47.1
0186	Apr-07	1012	4026.5	6842.0	W13754.9	Y43414.9	056	44.6	47.3
0187	Apr-07	1206	4000.4	6839.2	W13834.6	Y43249.0	057	33.6	44.4
0188	Apr-07	1504	4038.5	6806.1	W13542.2	Y43464.6	090	46.5	46.2
0189	Apr-07	1719	4031.2	6812.5	W13599.9	Y43425.7	224	55.2	50.0
0190	Apr-07	1901	4024.7	6809.4	W13611.1	Y43385.1	200	108.8	54.5
0191	Apr-07	2117	4021.6	6756.2	W13564.7	Y43359.3	200	76.0	54.5
0192	Apr-08	0023	4030.2	6737.1	W13448.3	Y43399.6	031	70.0	55.0

NMFS-NEFSC SPRING BOTTOM TRAWL SURVEY
2000 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran TD's		Course	Bottom Depth (FM)	Temp (F)
0193	Apr-08	0146	4032.8	6732.4	W13418.4	Y43411.5	262	63.2	54.1
0194	Apr-08	0935	4102.4	6905.9	W13730.3	Y43656.2	341	44.8	43.2
0195	Apr-08	1127	4105.2	6917.1	W13776.2	Y43684.5	355	30.3	42.8
0196	Apr-08	1325	4105.8	6928.3	W13832.7	Y43699.3	221	17.2	42.6
0197	Apr-08	1434	4102.5	6934.0	W13876.0	Y43684.8	220	18.3	43.0
0198	Apr-08	1605	4100.6	6943.1	W13932.0	Y43682.2	006	19.1	43.9
0199	Apr-08	1733	4105.4	6943.5	W13915.8	Y43712.9	043	16.1	43.3
0200	Apr-10	1629	4130.8	6946.5	W13825.8	Y43875.5	344	12.3	42.3
0201	Apr-10	1738	4135.4	6944.5	W13794.2	Y43901.0	347	17.5	41.7
0202	Apr-10	1912	4142.9	6952.7	W13806.3	Y43956.8	002	12.3	41.7
0203	Apr-10	2039	4144.2	6943.4	W13748.0	Y43951.9	132	55.2	41.2
0204	Apr-10	2314	4127.0	6929.5	W13749.3	Y43831.0	151	20.0	41.7
0205	Apr-11	0259	4126.3	6924.5	W13725.0	Y43821.2	145	25.2	41.7
0206	Apr-11	0448	4130.8	6914.6	W13652.4	Y43836.2	353	80.9	41.4
0207	Apr-11	0631	4136.1	6908.2	W13594.8	Y43859.1	150	89.1	42.3
0208	Apr-11	0856	4119.2	6854.4	W13600.1	Y43745.5	134	68.6	43.0
0209	Apr-11	1116	4117.4	6833.0	W13502.6	Y43712.9	117	30.3	43.7
0210	Apr-11	1330	4112.5	6814.6	W13437.1	Y43667.8	130	25.2	44.4
0211	Apr-11	1523	4104.1	6808.7	W13446.8	Y43614.8	239	24.9	44.6
0212	Apr-11	1706	4058.8	6818.5	W13515.0	Y43592.6	112	27.9	44.4
0213	Apr-11	1814	4056.3	6811.7	W13493.9	Y43572.8	082	30.9	44.4
0214	Apr-11	2126	4056.8	6737.0	W13337.8	Y43549.1	171	37.2	43.9
0215	Apr-11	2256	4051.2	6734.6	W13351.0	Y43516.8	098	41.0	43.9
0216	Apr-12	0029	4052.5	6724.7	W13304.0	Y43517.1	015	43.5	43.7
0217	Apr-12	0216	4103.6	6722.0	W13244.0	Y43575.7	157	35.8	43.9
0218	Apr-12	0410	4056.6	6711.3	W13230.7	Y43530.7	102	44.0	43.7
0219	Apr-12	0827	4050.9	6648.9	W13166.4	Y43485.9	028	53.3	47.5
0220	Apr-12	1033	4052.8	6638.3	W13117.5	Y43489.8	039	77.6	48.2
0221	Apr-12	1158	4054.8	6633.8	W13091.7	Y43497.8	059	114.0	54.9
0222	Apr-12	1259	4055.4	6631.9	W13082.2	Y43499.3	226	127.1	
0223	Apr-12	1545	4111.1	6641.0	W13046.6	Y43586.2	359	42.4	43.7
0224	Apr-12	1720	4121.1	6641.0	W13001.0	Y43637.0	028	44.6	43.3
0225	Apr-12	1849	4128.0	6634.5	W12944.2	Y43666.5	353	45.7	43.5
0226	Apr-12	2007	4131.1	6636.3	W12935.9	Y43683.4	197	43.7	43.5
0227	Apr-12	2253	4123.0	6659.8	W13065.3	Y43661.0	312	33.9	44.1
0228	Apr-13	0048	4131.0	6702.5	W13038.3	Y43704.2	334	33.1	44.2
0229	Apr-13	0316	4138.4	6714.3	W13050.0	Y43752.4	309	25.4	44.4
0230	Apr-13	0816	4137.0	6721.2	W13085.5	Y43751.4		26.0	44.6
0231	Apr-13	1048	4121.4	6744.1	W13258.0	Y43690.1	230	20.5	44.8
0232	Apr-13	1206	4120.9	6752.0	W13295.5	Y43694.3	298	21.6	45.0
0233	Apr-13	1527	4137.0	6819.0	W13343.7	Y43808.8	187	24.1	44.2
0234	Apr-13	1643	4132.7	6821.4	W13375.9	Y43787.4	215	22.4	44.2
0235	Apr-13	1755	4129.1	6824.0	W13405.6	Y43770.4	271	36.9	43.9
0236	Apr-17	1745	4146.0	7011.3	X25307.4	Y44002.4	266	5.7	46.4
0237	Apr-17	1923	4151.3	7022.5	X25415.3	Y44051.6	287	15.3	46.4
0238	Apr-17	2126	4156.5	7019.1	X25429.3	Y44077.5	308	22.7	42.1
0239	Apr-17	2247	4156.3	7021.0	X25439.7	Y44079.3	304	23.0	41.5
0240	Apr-18	0039	4158.8	7025.1	X25483.0	Y44100.7	339	25.2	40.6

NMFS-NEFSC SPRING BOTTOM TRAWL SURVEY
2000 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran TD's		Course	Bottom Depth (FM)	Temp (F)
0241	Apr-18	0244	4213.5	7034.9	X25644.0	Y44203.5	350	19.1	40.5
0242	Apr-18	0507	4219.0	7033.1	X25667.5	Y44231.4	295	40.2	40.5
0243	Apr-18	0641	4220.8	7039.0	X25717.4	Y44252.3	169	30.9	40.8
0244	Apr-18	0825	4220.9	7047.9	X25777.1	Y44268.9		17.5	41.4
0245	Apr-18	1453	4228.3	7031.1	X25715.9	Y44280.0	016	37.2	40.8
0246	Apr-18	1655	4241.2	7028.6	X25782.3	Y44344.2	057	28.2	41.2
0247	Apr-18	2008	4244.9	7045.9	X25908.7	Y44396.4	333	9.6	43.0
0248	Apr-19	0017	4236.2	7013.6	X25668.6	Y44291.1	056	39.6	41.2
0249	Apr-19	0324	4241.1	7004.0	X25652.7	Y44299.9	080	62.3	42.3
0250	Apr-19	0620	4241.7	6942.9	W13449.7	Y44267.2	076	143.5	45.0
0251	Apr-19	1005	4228.8	6949.3	W13558.7	Y44210.6	066	140.8	44.8
0252	Apr-19	1223	4226.2	6953.7	W13598.1	Y44204.4	085	114.8	43.2
0253	Apr-19	1515	4221.5	7009.4	X25549.7	Y44205.0	083	43.2	40.8
0254	Apr-19	1839	4207.1	7000.2	X25403.3	Y44109.2	047	30.6	40.3
0255	Apr-19	2242	4213.4	6944.0	W13608.8	Y44119.1		131.2	45.1
0256	Apr-20	0000	4211.8	6943.1	W13611.8	Y44108.9	080	127.4	
0257	Apr-20	0336	4200.8	6933.9	W13615.5	Y44034.0	070	114.6	42.8
0258	Apr-20	0807	4152.1	6850.9	W13428.2	Y43928.2	106	86.7	43.7
0259	Apr-20	1118	4138.9	6836.7	W13421.1	Y43838.4	092	68.4	
0260	Apr-20	1321	4128.7	6800.3	W13296.4	Y43744.6	051	49.2	43.7
0261	Apr-20	1834	4143.7	6755.9	W13203.5	Y43820.6	036	17.5	44.4
0262	Apr-20	2016	4144.8	6746.0	W13153.9	Y43816.1	210	17.2	45.0
0263	Apr-20	2214	4152.5	6756.5	W13162.5	Y43867.1	018	38.3	44.6
0264	Apr-21	0013	4202.1	6750.2	W13084.4	Y43909.7	358	99.5	46.0
0265	Apr-21	0337	4213.5	6804.6	W13089.5	Y43983.8	049	104.2	44.4
0266	Apr-21	0714	4222.0	6832.8	W13179.8	Y44062.2	273	95.1	44.4
0267	Apr-21	1039	4224.6	6840.7	W13205.1	Y44086.4	019	108.0	43.5
0268	Apr-21	1243	4233.8	6832.9	W13114.1	Y44121.0	021	115.1	45.9
0269	Apr-21	1615	4228.6	6759.4	W12982.4	Y44051.8	085	108.5	44.6
0270	Apr-21	1823	4228.5	6745.5	W12920.1	Y44034.0	047	120.8	46.9
0271	Apr-21	2158	4207.7	6745.0	W13031.4	Y43931.9	148	102.0	46.9
0272	Apr-22	0111	4152.4	6726.8	W13032.6	Y43835.3	135	29.8	44.8
0273	Apr-22	0302	4152.9	6715.0	W12980.5	Y43826.5	069	28.7	44.6
0274	Apr-22	0451	4157.7	6720.2	W12977.3	Y43855.3	347	28.4	44.6
0275	Apr-22	0701	4208.2	6721.2	W12926.3	Y43908.3	085	62.9	46.2
0276	Apr-22	0851	4206.5	6711.5	W12895.9	Y43889.5	060	32.3	44.1
0277	Apr-22	1149	4211.1	6708.8	W12860.3	Y43908.8	084	95.4	45.9
0278	Apr-22	1421	4201.5	6656.1	W12860.3	Y43850.2	142	38.0	44.2
0279	Apr-22	1756	4145.7	6624.1	W12820.2	Y43744.9	100	42.1	43.9
0280	Apr-22	2040	4132.8	6628.3	W12898.0	Y43685.6	175	48.1	43.9
0281	Apr-22	2355	4124.4	6608.4	W12866.3	Y43629.8	026	69.7	55.0
0282	Apr-23	0352	4147.7	6549.4	W12691.1	Y43726.5	314	68.1	46.2
0283	Apr-23	0645	4203.5	6544.0	W12595.5	Y43794.6	017	134.0	47.8
0284	Apr-23	1107	4204.4	6554.2	W12623.7	Y43807.3	295	125.5	47.3
0285	Apr-23	1357	4205.4	6601.9	W12644.2	Y43818.4	303	89.7	44.8
0286	Apr-23	1636	4207.9	6610.5	W12660.4	Y43837.4	289	62.9	44.4
0287	Apr-23	1933	4228.7	6628.3	W12611.8	Y43949.0	308	139.7	46.8
0288	Apr-23	2134	4235.7	6640.2	W12616.0	Y43992.7	253	109.4	48.0

NMFS-NEFSC SPRING BOTTOM TRAWL SURVEY
2000 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran TD's		Course	Bottom Depth (FM)	Temp (F)
0289	Apr-24	0124	4221.1	6705.8	W12794.4	Y43953.2	308	170.1	47.7
0290	Apr-24	0345	4229.5	6717.0	W12793.3	Y44004.8	013	175.3	47.5
0291	Apr-24	0604	4233.0	6704.1	W12721.1	Y44006.7	017	166.5	47.5
0292	Apr-24	1100	4258.3	6724.1	W12654.3	Y44144.0	308	122.2	47.3
0293	Apr-24	1320	4303.6	6736.5	W12673.7	Y44183.3	083	108.0	45.1
0294	Apr-24	1900	4311.8	6627.1	W12362.1	Y44132.7	146	44.3	42.8
0295	Apr-24	2024	4311.1	6625.9	W12362.1	Y44128.5	133	44.3	
0296	Apr-24	2328	4324.1	6636.2	W12317.3	Y44193.4	356	55.2	43.0
0297	Apr-25	0341	4318.1	6710.7	W12479.4	Y44211.5	350	126.9	46.2
0298	Apr-25	0551	4328.8	6715.3	W12429.1	Y44261.4	055	114.3	45.5
0299	Apr-25	0820	4328.4	6700.1	W12373.9	Y44240.4	062	109.6	49.6
0300	Apr-25	1049	4333.8	6636.7	W12259.0	Y44232.6	079	62.9	42.8
0301	Apr-25	1217	4336.7	6635.7	W12237.6	Y44242.6	015	55.2	43.2
0302	Apr-25	1453	4338.0	6622.1	W12186.0	Y44231.3	335	41.0	42.6
0303	Apr-25	1647	4344.9	6629.2	W12165.0	Y44266.1	164	45.4	42.8
0304	Apr-25	1926	4351.6	6638.2	W12150.0	Y44302.9	053	50.0	43.3
0305	Apr-25	2208	4355.8	6656.8	W12183.4	Y44342.5	349	85.0	45.3
0306	Apr-25	2350	4400.9	6657.9	W12153.0	Y44363.0	242	90.2	45.1
0307	Apr-26	0223	4356.5	6714.7	W12242.5	Y44369.1	023	95.7	47.7
0308	Apr-26	1102	4423.2	6654.0	W11987.1	Y44437.7	031	59.6	41.2
0309	Apr-26	1359	4417.0	6714.9	W12100.9	Y44444.1	243	101.7	46.6
0310	Apr-26	1728	4418.3	6745.1	W12208.0	Y44491.6	222	41.6	40.5
0311	Apr-26	1845	4414.1	6748.8	W12254.5	Y44482.0	225	47.0	41.0
0312	Apr-26	2053	4405.5	6801.3	W12370.9	Y44469.0	221	62.1	41.4
0313	Apr-26	2334	4345.8	6804.3	W12523.1	Y44397.8	238	91.0	45.3
0314	Apr-27	0130	4341.1	6814.3	W12601.8	Y44393.9	111	96.8	46.8
0315	Apr-27	0506	4336.2	6756.8	W12553.8	Y44348.4	230	119.2	47.7
0316	Apr-27	0905	4308.1	6808.4	W12789.2	Y44246.8	198	103.3	43.2
0317	Apr-27	1158	4259.5	6835.0	W12972.8	Y44246.5	257	97.9	43.5
0318	Apr-27	1341	4256.1	6846.6	W13053.2	Y44247.8	182	107.4	42.8
0319	Apr-27	1541	4247.5	6844.6	W13093.9	Y44204.5	180	110.7	44.2
0320	May-02	0002	4259.1	7025.7	X25875.7	Y44429.6	070	59.3	41.7
0321	May-02	0235	4303.5	7014.4	X25842.8	Y44429.8		83.7	41.0
0322	May-02	0509	4311.6	7018.5	X25910.9	Y44475.7	060	57.4	41.9
0323	May-02	0746	4319.2	7002.3	X25876.1	Y44480.3	275	92.4	41.2
0324	May-02	0942	4322.2	7002.0	X25891.5	Y44493.1	026	79.6	41.9
0325	May-02	1201	4336.1	6952.2	W13174.2	Y44535.2	105	46.8	41.5
0326	May-02	1708	4352.1	6855.6	W12737.2	Y44502.5	050	14.2	41.7
0327	May-02	1939	4354.7	6834.6	W12608.5	Y44478.9	216	49.5	41.2
0328	May-02	2323	4325.7	6852.1	W12895.6	Y44389.0	112	58.0	42.1
0329	May-03	0121	4329.2	6838.0	W12799.1	Y44381.3	160	72.2	42.1
0330	May-03	0347	4321.7	6840.9	W12863.4	Y44354.0	190	72.5	42.4
0331	May-03	0602	4309.2	6832.6	W12900.2	Y44286.6	162	97.3	43.5
0332	May-03	1043	4305.7	6922.7	W13192.0	Y44349.5	121	102.5	43.0
0333	May-03	1253	4255.5	6914.6	W13207.7	Y44288.5	245	94.1	43.0

NMFS-NEFSC SPRING BOTTOM TRAWL SURVEY
ALBATROSS IV MARCH 15 - MAY 4, 2000
CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

STATION	SPINY DOGFISH	WINTER SKATE	LITTLE SKATE	ATLANTIC HERRING	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLDR	YELLOWTAIL FLDR	WINTER FLDR	WITCH FLDR	WINDOWPANE FLDR	ATLANTIC MACKEREL	BUTTERFISH	ACADIAN REDFISH	LONGHORN SCULPIN	OCEAN POUT	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL* OTHER	TOTAL ALL
1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	141	22	165
2	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	27	0	0	0	0	0	32	88	154
3	0	0	0	0	2	0	0	0	0	0	0	3	0	0	0	0	0	1	0	0	0	0	9	19	13	47
4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	0	0	0	0	0	131	190	363
5	508	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	18	96	626
6	183	0	44	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	13	243
7	72	0	41	1	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	2	0	2	64	185
8	192	0	5	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	1	0	0	0	73	276
9	71	0	15	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	2	56	147
10	30	0	3	0	0	0	0	0	0	0	0	16	0	0	1	0	1	0	0	0	0	0	0	2	116	169
11	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	19	26	61
12	2	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	31	15	53
13	0	0	1	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	2	0	7	24	49
14	253	0	2	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	1	0	7	6	284
15	15	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	4	23
16	11	0	21	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	9	49
17	53	0	2	0	0	0	0	0	0	0	0	9	0	0	1	0	1	0	0	0	0	0	0	11	62	139
18	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	17	18	36
19	163	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	25	15	206
20	42	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	5	0	0	0	0	0	20	13	83
21	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	108	19	165
22	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	1	0	12	92	109
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	9	37
24	14	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	5	68	89
25	2341	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	12	2356
26	1796	0	2	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	1	5	1807
27	440	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	10	22	475
28	161	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	2	0	0	0	0	0	157	220	552
29	304	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	104	351	761
30	5195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	17	25	5239
31	120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	28	8	157
32	261	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9	273
33	743	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	77	6619	7441
34	874	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	181	1058
35	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	1	15	41
36	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	44	5274	5331
37	155	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	16	176

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CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

	SPINY DOGFISH	WINTER SKATE	LITTLE SKATE	ATLANTIC HERRING	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLDR	YELLOWTAIL FLDR	WINTER FLDR	WITCH FLDR	WINDOWPANE FLDR	ATLANTIC MACKEREL	BUTTERFISH	ACADIAN REDFISH	LONGHORN SCULPIN	OCEAN POUT	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL* OTHER	TOTAL ALL
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	1963	1970
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	186	196
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	149	170
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	23	62	86
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	154	158
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	44	46
44	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	150	152
45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	53	55
46	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	1	0	0	0	0	0	0	167	172
47	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	472	474
48	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	179	182
49	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	441	474
50	14	10	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	290	318
51	34	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	28	66
52	111	0	0	49	0	0	0	0	0	0	0	1	0	0	0	0	2	1	0	0	0	0	0	4	76	244
53	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	326	374
54	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	143	207
55	13	13	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	40	69
56	29	9	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	292	333
57	54	7	2	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	20	86
58	44	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	63
59	39	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	3	8	56
60	108	13	4	0	0	0	0	0	0	0	0	2	0	0	0	6	1	0	0	0	0	0	0	1	46	181
61	0	21	6	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	45	75
62	0	5	31	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	39	83
63	13	13	16	0	0	0	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0	0	36	86
64	25	36	22	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	74	161
65	9	0	10	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	5	41
66	22	30	29	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	19	107
67	35	4	21	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	1	64
68	22	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	82
69	385	4	10	8	0	0	0	0	0	0	0	4	0	0	0	0	1	0	0	0	0	0	0	2	15	429
70	70	0	29	43	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	2	8	156
71	33	19	70	2	0	0	0	0	0	0	0	0	0	1	0	3	1	0	0	0	0	0	0	0	9	138
72	13	0	56	1	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	5	79
73	74	12	64	6	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	12	171
74	7	35	28	1	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5	81
75	17	0	25	16	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	31	92

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CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

	SPINY DOGFISH	WINTER SKATE	LITTLE SKATE	ATLANTIC HERRING	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLDR	YELLOWTAIL FLDR	WINTER FLDR	WITCH FLDR	WINDOWPANE FLDR	ATLANTIC MACKEREL	BUTTERFISH	ACADIAN REDFISH	LONGHORN SCULPIN	OCEAN POUT	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL* OTHER	TOTAL ALL
76	0	8	9	6	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	26
77	0	32	129	0	0	0	0	0	0	0	0	4	0	0	0	15	0	0	0	0	0	0	0	0	37	217
78	12	0	10	1	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	8	37
79	207	0	7	1	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	1	222
80	22	7	57	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	109
81	6	26	96	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	12	142
82	0	43	260	0	0	0	0	0	0	0	0	3	0	0	0	10	0	0	0	0	0	0	0	0	39	355
83	7	0	464	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	17	491
84	0	22	116	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	22	165
85	4	0	53	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	18	80
86	0	13	52	1	0	0	0	0	0	0	0	6	0	0	0	1	0	0	0	0	0	0	0	0	53	126
87	0	15	71	1	0	0	0	0	0	0	0	0	0	1	0	5	1	0	0	0	0	0	0	0	18	112
88	0	0	294	0	0	0	0	0	0	0	0	0	0	1	0	14	0	0	0	0	0	0	0	0	23	332
89	14	8	7	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	20	59
90	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	124	128
91	0	16	14	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	50	82
92	0	0	312	0	0	0	0	0	0	0	0	1	0	0	0	27	0	0	0	0	0	0	0	0	184	524
93	0	0	3	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0	0	0	0	0	4	13
94	101	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	6	0	0	0	11	121
95	0	0	96	0	0	0	0	0	0	0	0	0	0	11	0	1	0	0	0	0	0	0	0	0	8	116
96	0	5	273	0	0	0	0	0	0	0	0	0	0	3	0	9	0	0	0	0	0	0	0	0	24	314
97	0	0	321	0	0	0	0	0	0	0	0	0	0	3	0	6	0	0	0	0	0	0	0	0	7	337
98	0	6	197	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	10	216
99	15	0	45	5	1	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	0	0	1	73
100	15	0	36	9	1	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0	0	2	79
101	35	0	72	2	0	0	0	0	0	0	0	1	0	1	0	0	11	0	0	0	0	0	0	0	1	123
102	0	0	4	7	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	31	0	0	0	0	45
103	0	0	46	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0	0	0	0	0	11	62
104	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	84	93
105	6	0	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	19	34
106	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	30
107	0	0	6	39	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	5	0	0	0	94	146
108	31	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	13	0	0	0	0	0	0	0	4	51
109	193	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	207	0	0	0	0	0	0	0	1	406
110	58	0	41	9	0	0	0	0	0	0	0	1	2	0	0	0	2	0	0	0	0	0	0	0	1	114
111	8	0	41	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	11	0	0	0	1	64
112	16	8	64	4	2	0	0	0	0	2	0	8	2	4	0	0	0	0	0	1	4	0	3	0	7	125
113	0	0	40	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	9	0	2	0	2	55

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	SPINY DOGFISH	WINTER SKATE	LITTLE SKATE	ATLANTIC HERRING	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLDR	YELLOWTAIL FLDR	WINTER FLDR	WITCH FLDR	WINDOWPANE FLDR	ATLANTIC MACKEREL	BUTTERFISH	ACADIAN REDFISH	LONGHORN SCULPIN	OCEAN POUT	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL* OTHER	TOTAL ALL
114	17	0	21	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0	16	0	0	0	12	71
115	5	12	67	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0	0	0	1	0	4	95
116	0	0	4	3	0	0	0	0	0	0	0	0	0	22	0	0	0	0	0	1	2	0	1	0	2	35
117	0	0	13	6	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	23
118	0	0	19	9	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	7	0	0	0	0	40
119	0	0	13	0	0	0	0	0	0	0	0	0	0	17	0	4	0	0	0	0	3	0	1	0	2	40
120	0	0	4	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	1	0	15	24
121	0	0	1	2	0	0	0	0	0	0	0	0	0	19	0	1	0	0	0	0	12	0	0	0	6	41
122	0	0	14	8	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	6	0	0	0	4	46
123	0	5	768	1	0	0	0	0	0	0	0	0	0	30	0	4	0	0	0	0	5	0	0	0	13	826
124	0	47	1931	0	0	0	0	0	0	1	0	0	0	10	0	19	0	0	0	0	0	0	0	0	4	2012
125	0	7	104	0	0	0	0	0	0	0	0	0	6	6	0	0	0	0	0	1	16	0	0	0	4	144
126	11	0	96	0	0	0	0	0	0	0	0	0	9	1	0	1	0	0	0	0	19	0	0	0	2	139
127	94	0	180	0	0	0	0	0	0	0	0	1	12	2	1	0	0	0	0	0	1	0	0	0	6	297
128	0	19	149	1	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	11	0	0	0	1	201
129	0	12	25	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	6	0	0	0	0	46
130	86	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	107	0	0	0	0	0	0	0	13	208
131	421	0	1	0	0	0	0	0	0	4	0	1	1	0	0	0	42	0	0	0	1	0	0	0	35	506
132	59	0	57	10	1	0	0	0	0	0	0	7	0	0	0	0	4	0	0	0	0	0	0	0	26	164
133	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	11	0	0	0	0	1	16	5	43
134	0	0	0	0	2	0	0	0	0	0	0	6	0	0	0	0	0	2	0	0	0	0	0	12	6	28
135	0	0	0	0	7	0	0	0	0	0	0	48	0	0	0	0	1	41	0	0	0	0	0	35	33	165
136	0	0	0	0	4	0	0	0	0	3	0	16	0	0	0	0	5	3	0	0	0	0	0	23	15	69
137	2	0	2	0	2	0	0	0	0	1	0	4	0	0	0	0	10	1	0	0	0	3	0	6	4	35
138	12	0	1	0	4	0	0	0	0	0	0	11	0	0	0	0	1	0	0	0	0	0	0	16	11	56
139	1	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	27	0	0	0	1	0	0	1	5	39
140	60	0	6	0	3	0	0	0	0	0	0	0	3	0	0	0	92	0	0	0	17	0	0	0	11	192
141	34	3	17	0	0	0	0	0	0	0	0	0	7	2	0	2	0	0	0	3	95	0	0	0	5	168
142	7	16	200	1	0	0	0	0	0	0	0	0	9	2	0	1	0	0	0	0	2	0	0	0	0	238
143	0	93	909	0	0	0	0	0	0	0	0	0	1	19	0	8	0	0	0	0	0	0	0	0	1	1031
144	0	31	708	0	0	0	0	0	0	1	0	1	0	14	0	2	0	0	0	0	0	0	0	0	2	759
145	0	17	1268	0	0	0	0	0	0	0	0	1	0	29	0	10	0	0	0	0	2	0	1	0	7	1335
146	0	23	359	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0	0	0	2	0	4	394
147	0	11	313	0	0	0	0	0	0	0	0	0	0	11	0	2	0	0	0	0	3	0	0	0	8	348
148	0	4	61	0	0	0	0	0	0	0	0	0	0	13	0	1	0	0	0	2	0	0	0	0	8	89
149	0	5	8	0	0	0	0	0	0	0	0	0	4	6	0	0	0	0	0	1	0	0	0	0	0	24
150	0	17	88	0	0	0	0	0	0	0	0	0	1	23	0	0	0	0	0	3	3	0	0	0	3	138
151	248	0	4	1	0	5	0	0	0	0	0	0	14	27	0	0	0	0	0	2	83	0	0	0	17	401

NMFS-NEFSC SPRING BOTTOM TRAWL SURVEY
ALBATROSS IV MARCH 15 - MAY 4, 2000
CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

	SPINY DOGFISH	WINTER SKATE	LITTLE SKATE	ATLANTIC HERRING	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLDR	YELLOWTAIL FLDR	WINTER FLDR	WITCH FLDR	WINDOWPANE FLDR	ATLANTIC MACKEREL	BUTTERFISH	ACADIAN REDFISH	LONGHORN SCULPIN	OCEAN POUT	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL* OTHER	TOTAL ALL
152	0	0	20	0	0	5	0	0	0	0	0	0	2	36	0	0	0	0	0	16	37	0	0	0	8	124
153	0	4	3	0	0	0	0	0	0	0	0	0	2	16	0	0	0	0	0	35	0	0	0	0	0	60
154	0	39	9	110	0	24	0	0	0	0	0	0	12	3	0	1	0	0	0	2	14	0	0	0	4	218
155	0	69	271	2	2	0	0	0	0	1	0	0	0	6	0	0	0	0	0	2	5	3	31	0	1	393
156	0	8	121	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	141
157	0	66	167	1	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	2	249
158	0	45	528	15	0	0	0	0	0	0	0	0	0	11	0	1	0	0	0	2	6	0	1	0	2	611
159	1	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	69	0	0	0	0	4	77
160	0	6	1	2	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	1	0	0	0	0	3	16
161	0	2	9	10	0	0	0	0	0	0	0	0	0	6	0	1	0	0	0	2	0	0	0	0	21	51
162	1	95	70	53	2	0	0	0	0	1	0	0	2	0	0	11	0	0	0	4	0	1	0	0	3	243
163	0	32	6	0	3	0	0	0	0	1	0	3	0	0	1	4	0	0	0	0	0	2	0	0	15	67
164	0	0	1	1	1	0	0	0	0	2	0	3	0	0	0	0	0	1	0	0	0	10	7	2	83	111
165	30	0	4	0	0	0	0	0	0	0	0	3	7	0	0	0	0	0	0	2	0	0	1	0	2	49
166	0	0	1	3	1	0	0	0	0	2	0	12	6	0	0	0	3	0	0	2	38	0	0	1	11	80
167	0	0	5	0	0	0	0	0	0	0	0	5	4	0	0	0	112	0	0	0	26	0	0	0	11	163
168	0	0	1	0	7	0	0	0	0	3	0	12	0	0	0	0	0	0	0	0	1	6	9	11	25	75
169	0	0	5	0	7	0	0	0	0	2	0	4	0	0	0	0	1	0	0	0	0	4	4	3	28	58
170	5	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	1	16	0	0	0	4	1	7	19	56
171	1	0	0	0	1	0	0	0	0	0	0	8	0	0	0	0	0	40	0	0	0	8	0	8	10	76
172	9	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	11	0	0	0	0	0	7	10	46
173	0	0	0	0	3	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	10	3	63	6	87
174	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	20	5	32
175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	10	4	21
176	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	22	5	13	46
177	0	9	1	63	1	5	0	0	0	0	0	0	3	0	0	0	67	0	0	18	0	0	0	0	1	168
178	135	21	2	13	0	0	0	0	0	0	0	0	0	0	0	11	8	0	0	99	0	0	0	0	0	289
179	152	36	12	4	7	1	0	0	0	0	0	0	9	56	0	1	0	0	0	27	10	3	0	0	55	373
180	0	34	5	3	6	0	0	0	0	0	0	0	9	0	0	1	0	0	0	0	0	0	0	0	14	72
181	0	18	5	0	7	0	0	0	0	0	0	2	4	0	0	4	0	0	0	2	0	2	0	0	25	69
182	0	0	0	0	2	0	0	0	0	2	0	7	0	0	0	0	0	11	0	0	0	4	0	4	11	41
183	0	0	0	0	1	0	0	0	0	1	0	10	0	0	0	0	0	25	0	0	0	0	0	0	7	44
184	0	9	0	0	0	0	0	0	0	0	0	36	0	0	0	0	0	70	0	0	0	0	0	4	12	131
185	0	55	1	2	1	0	0	0	0	0	0	2	2	0	0	0	12	0	0	0	1	9	0	2	4	91
186	2	12	0	0	0	0	0	0	0	0	0	1	0	0	0	0	8	1	0	0	2	0	0	2	7	35
187	0	6	1	7	0	6	0	0	0	0	0	0	5	0	0	2	33	0	0	0	7	0	0	0	7	74
188	1	18	0	24	0	0	0	0	0	2	1	0	0	0	0	2	358	0	0	0	1	0	0	1	7	415
189	1	4	1	0	3	0	0	0	0	4	1	10	0	0	0	0	1	3	0	0	1	0	0	3	48	80

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	SPINY DOGFISH	WINTER SKATE	LITTLE SKATE	ATLANTIC HERRING	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLDR	YELLOWTAIL FLDR	WINTER FLDR	WITCH FLDR	WINDOWPANE FLDR	ATLANTIC MACKEREL	BUTTERFISH	ACADIAN REDFISH	LONGHORN SCULPIN	OCEAN POUT	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL* OTHER	TOTAL ALL
190	4	0	0	0	14	0	0	0	6	34	0	0	0	0	0	0	0	0	0	0	0	6	1	1	109	175
191	0	0	0	0	24	0	0	0	0	2	0	0	0	0	0	0	0	7	0	0	0	0	0	79	16	128
192	0	0	0	0	16	0	0	0	0	11	0	0	0	0	0	0	0	3	0	0	0	0	0	14	11	55
193	0	11	0	0	7	0	0	0	0	3	0	0	0	0	0	0	0	2	0	0	1	0	0	4	21	49
194	19	43	16	2	0	19	179	0	0	1	3	0	46	18	0	2	9	0	0	20	7	0	0	0	18	402
195	0	0	0	0	0	474	0	7	0	0	0	0	1	26	0	0	0	0	0	11	12	0	0	0	9	540
196	7	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	16	0	0	0	0	0	27
197	3	0	0	4	0	0	0	0	0	0	0	0	0	22	0	1	0	0	0	5	0	0	0	0	2	37
198	0	0	0	3	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	8	14
199	0	0	1	17	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	4	0	0	0	0	4	28
200	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
201	0	0	0	7	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	6	0	0	4	0	8	29
202	0	6	8	37	0	2	0	0	0	0	0	0	0	10	0	0	0	0	0	16	0	0	3	0	4	86
203	5	19	106	2	62	0	0	0	2	5	7	0	1	1	0	0	0	0	0	32	8	0	0	0	53	303
204	0	0	15	0	0	4	0	1	0	0	0	0	0	7	0	2	0	0	0	31	0	0	2	0	21	83
205	0	4	31	5	0	33	0	0	0	0	0	0	4	12	0	0	0	0	0	158	1	0	0	0	35	283
206	0	3	0	2	3	16	0	0	0	1	5	0	2	0	0	0	0	0	0	1	3	0	0	0	4	40
207	0	0	0	2	19	0	0	8	0	12	1	0	0	0	1	0	0	0	0	0	0	15	4	0	37	99
208	313	0	0	1	7	21	35	15	8	13	14	0	1	0	0	0	1	0	0	2	0	0	0	0	11	442
209	4	9	1	0	0	2	0	0	0	1	0	0	6	0	0	0	6	0	0	6	0	0	2	0	19	56
210	5	0	3	24	0	0	0	0	0	0	0	0	0	2	0	0	322	0	0	6	0	0	0	0	6	368
211	18	0	2	5	0	17	0	0	0	0	0	0	0	4	0	2	58	0	0	1	0	0	0	0	0	107
212	62	31	7	17	0	39	0	0	0	0	0	0	1	7	0	1	22	0	0	3	0	0	0	1	2	193
213	78	5	17	2	4	0	0	0	0	0	2	0	6	8	1	16	4	0	0	4	15	0	0	0	2	164
214	0	58	31	0	2	0	0	0	0	0	0	0	15	1	0	7	0	0	0	28	5	0	0	0	11	158
215	0	0	21	23	3	8	0	0	0	0	0	0	2	0	0	2	0	0	0	10	1	0	0	1	18	89
216	0	0	43	15	3	0	0	0	0	0	0	0	6	0	1	8	0	0	0	20	2	0	0	0	16	114
217	1	7	7	0	0	0	0	0	0	0	2	0	17	0	0	12	0	0	0	40	0	0	0	0	23	109
218	2	0	15	57	1	5	0	0	0	0	0	0	13	0	0	3	0	0	0	31	4	0	0	0	15	146
219	6	0	2	0	13	0	0	0	0	14	0	0	0	0	0	0	0	0	0	1	0	0	0	0	14	50
220	1	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	2	19
221	0	0	0	0	11	0	0	0	0	4	0	0	0	0	0	0	0	4	0	0	0	0	0	0	15	34
222	0	0	0	0	164	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	6	1	12	190
223	0	5	3	0	0	6	0	0	0	0	0	0	13	0	0	0	0	0	0	5	0	0	0	0	21	53
224	3	25	0	0	0	67	0	0	0	0	0	0	40	0	0	19	0	0	0	23	8	0	0	0	12	197
225	8	59	16	0	0	60	0	0	0	0	2	0	86	0	0	27	0	0	0	23	0	0	0	0	4	285
226	55	174	30	0	0	92	19	0	0	0	2	0	118	0	0	11	0	0	0	31	0	0	0	0	18	550
227	0	54	16	0	0	2	354	0	0	0	3	0	38	0	0	1	0	0	0	9	0	0	0	0	6	483

NMFS-NEFSC SPRING BOTTOM TRAWL SURVEY
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	SPINY DOGFISH	WINTER SKATE	LITTLE SKATE	ATLANTIC HERRING	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLDR	YELLOWTAIL FLDR	WINTER FLDR	WITCH FLDR	WINDOWPANE FLDR	ATLANTIC MACKEREL	BUTTERFISH	ACADIAN REDFISH	LONGHORN SCULPIN	OCEAN POUT	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL* OTHER	TOTAL ALL
228	0	86	13	0	0	0	38	10	0	0	0	0	7	6	0	1	0	0	0	7	0	0	0	0	0	168
229	0	119	31	0	0	7	0	0	0	0	0	0	2	140	0	3	0	0	0	17	0	0	0	0	3	322
230	0	69	4	1	0	14	0	0	0	0	0	0	0	34	0	2	0	0	0	6	0	0	0	0	2	132
231	7	5	1	17	0	13	0	0	0	0	0	0	0	5	0	0	131	0	0	0	0	0	0	0	2	181
232	0	21	2	5	0	19	0	0	0	0	0	0	0	11	0	0	179	0	0	8	0	0	0	0	2	247
233	0	2	3	42	0	0	0	0	16	0	0	0	0	4	0	0	121	0	0	5	0	0	0	0	15	208
234	0	0	1	162	0	0	0	0	0	0	0	0	1	2	0	0	265	0	0	4	1	0	0	0	6	442
235	0	41	6	13	4	2	0	0	0	1	1	0	24	2	0	2	22	0	0	9	9	31	0	0	2	169
236	10	0	3	1	0	0	0	0	0	0	0	0	0	43	0	0	20	0	0	3	0	0	2	0	3	85
237	0	0	76	28	1	0	0	0	0	3	0	0	1	7	0	0	0	0	0	26	2	0	142	0	12	298
238	0	0	1	24	3	0	0	0	0	0	1	0	1	5	0	0	0	0	0	2	0	0	11	0	4	52
239	0	0	4	18	7	0	0	0	0	1	0	0	3	1	0	0	0	0	0	3	0	0	12	0	3	52
240	0	0	43	11	10	0	0	0	0	0	2	0	2	1	0	0	0	0	0	2	1	0	74	0	5	151
241	0	0	0	0	0	26	0	1	0	0	0	0	2	11	0	0	0	0	0	15	0	0	11	0	19	85
242	0	0	0	0	5	38	0	0	0	0	15	0	8	8	0	0	0	0	13	0	0	0	9	0	7	103
243	0	0	0	4	9	13	0	0	0	4	93	0	132	72	0	0	0	0	0	6	43	0	37	0	11	424
244	0	0	0	13	0	1477	0	3	0	0	1	0	14	66	0	0	1	0	0	15	5	0	47	0	29	1671
245	0	0	0	2	0	46	0	8	0	0	16	0	150	54	0	0	0	0	0	5	11	0	10	0	17	319
246	0	0	0	0	0	1	0	1	0	0	0	0	1	7	0	0	0	0	2	1	0	0	2	0	6	21
247	0	0	16	0	0	2	0	0	0	0	0	0	3	5	0	0	0	0	0	1	0	0	1	0	0	28
248	0	0	0	0	0	84	95	0	0	0	3	0	0	0	0	0	0	0	0	3	0	0	0	0	25	210
249	16	0	0	0	1	20	17	1	0	3	5	0	0	0	0	0	0	0	5	1	0	0	8	0	17	94
250	64	0	0	0	16	0	0	0	17	0	1	0	0	0	0	0	0	0	0	0	0	7	0	0	0	105
251	17	0	0	0	16	0	0	0	11	6	12	0	0	0	0	0	0	0	0	0	0	6	0	0	2	70
252	92	0	0	0	6	0	0	12	1	1	19	0	0	0	0	0	0	0	50	0	0	17	7	0	2	207
253	17	0	0	3	0	44	107	4	0	0	9	0	0	2	0	0	0	0	0	6	32	0	4	0	75	303
254	8	19	66	0	5	17	0	0	0	20	9	0	96	41	0	0	0	0	0	243	30	0	5	0	23	582
255	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
256	57	0	0	0	56	0	0	0	6	15	0	0	2	0	0	0	0	0	0	2	0	20	0	0	0	158
257	4	0	0	0	9	0	0	0	6	20	3	0	0	0	0	0	0	0	0	0	0	0	0	0	15	57
258	11	0	0	0	59	1	0	0	4	18	21	0	0	0	2	0	0	0	6	0	3	0	0	0	4	129
259	97	0	0	11	11	7	0	0	2	25	25	0	0	0	0	0	4	1	0	0	5	3	0	0	5	196
260	81	0	2	5	11	0	2252	5	0	6	17	0	4	0	0	0	15	0	0	16	11	0	0	0	11	2436
261	0	3	9	3	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	14	0	0	0	4	10	52
262	6	8	60	0	0	12	0	0	0	0	0	0	1	9	0	8	0	0	0	25	0	0	1	0	0	130
263	0	0	18	0	1	13	0	0	0	0	0	0	17	0	0	2	0	0	0	14	5	0	2	0	24	96
264	946	0	0	0	10	0	0	0	6	49	5	0	0	0	1	0	0	0	2	0	0	0	6	0	3	1028
265	247	0	0	1	6	9	3	5	19	6	1	0	0	0	1	0	0	0	2	0	0	0	2	0	9	311

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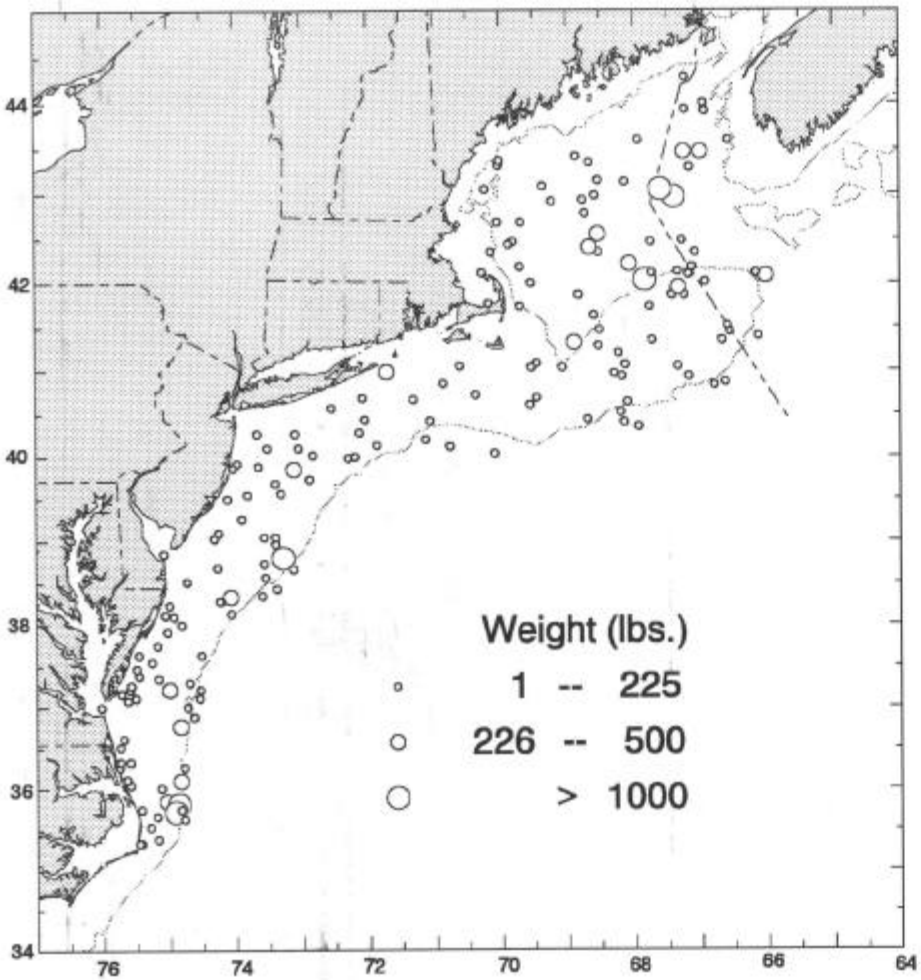
266	20	0	0	3	18	7	4	0	10	6	7	0	0	0	2	0	0	0	3225	0	1	5	0	1	5	3314
267	315	0	0	1	41	0	0	0	13	6	11	0	0	0	3	0	0	0	0	0	0	15	0	0	3	408
268	340	0	0	1	41	0	0	0	19	19	2	0	0	0	0	0	0	0	0	0	0	2	0	0	7	431
269	0	0	0	6	21	0	0	0	8	8	2	0	0	0	1	0	0	0	0	0	0	1	0	0	4	51
270	111	0	0	1	17	0	0	0	50	6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3	189
271	52	0	0	15	18	27	3	0	0	26	2	0	0	0	0	0	0	0	4	0	0	12	11	0	14	184
272	121	52	54	1	0	77	0	0	0	0	0	0	0	13	0	0	0	0	0	202	12	0	2	0	27	561
273	33	61	56	0	0	41	12	0	0	0	2	0	6	29	0	3	0	0	0	39	0	0	4	0	0	286
274	496	72	0	21	0	122	88	0	0	0	0	0	2	7	0	1	0	0	0	25	6	0	0	0	3	843
275	42	0	2	0	6	0	97	0	0	2	8	0	1	0	0	0	1	0	0	6	6	0	0	0	12	183
276	70	8	0	0	0	15	198	3	0	0	0	0	1	3	0	0	0	0	0	0	1	0	0	0	5	304
277	200	0	0	12	2	31	3	0	0	3	119	0	0	0	4	0	0	0	191	0	0	0	0	0	11	576
278	23	487	5	0	0	94	186	0	0	0	0	0	60	20	0	0	0	0	0	3	4	0	6	0	73	961
279	0	27	2	0	0	0	6	0	0	0	1	0	79	32	0	0	0	0	0	4	0	0	0	0	3	154
280	0	23	6	0	2	0	0	0	0	0	1	0	22	0	0	0	0	0	0	20	0	0	0	0	20	94
281	0	8	3	0	56	0	0	0	0	62	0	0	1	0	0	0	0	0	0	0	0	0	0	1	30	161
282	0	0	2	0	1	2	34	2	4	0	0	0	0	0	0	0	0	0	0	16	2	0	5	0	16	84
283	0	0	0	0	46	4	0	14	5	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	72
284	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
285	431	0	0	0	0	3	16	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	458
286	11	0	0	0	0	32	16	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	99
287	0	0	0	0	5	6	0	3	19	0	0	0	0	0	0	0	0	0	0	0	0	0	21	0	1	55
288	0	0	0	0	7	2	5	9	6	2	0	0	0	0	2	0	0	0	0	0	0	0	0	1	1	35
289	98	0	0	1	19	0	0	0	30	0	0	0	0	0	0	0	0	0	26	0	0	0	0	0	39	213
290	14	0	0	0	36	0	0	0	23	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	12	86
291	0	0	0	0	55	0	0	2	9	1	0	0	0	0	0	0	0	0	0	0	0	3	14	1	2	87
292	692	0	0	0	6	0	0	52	11	0	0	0	0	0	0	0	0	0	110	0	0	4	0	1	29	905
293	758	0	0	1	25	9	0	56	25	6	0	0	0	0	1	0	0	0	4	0	0	0	0	0	23	908
294	0	0	2	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	5
295	0	0	6	0	0	0	2	0	0	0	1	0	2	5	0	0	0	0	0	1	0	0	3	0	3	23
296	0	0	6	2	1	7	9	0	1	0	11	0	0	7	1	0	0	0	0	22	0	2	8	0	19	96
297	118	0	0	1	9	0	5	0	28	13	6	0	0	0	1	0	0	0	0	0	0	4	9	0	0	194
298	424	0	0	1	19	2	0	0	6	4	19	0	0	0	2	0	0	0	0	0	0	19	0	0	1	497
299	288	0	0	0	16	25	0	0	22	5	0	0	0	0	1	0	0	0	25	0	0	0	4	0	3	389
300	0	0	0	0	1	9	92	0	1	0	1	0	1	6	2	0	0	0	0	1	0	0	22	0	31	167
301	8	0	0	0	0	19	247	2	0	0	2	0	2	32	0	0	0	0	0	0	0	0	13	0	28	353
302	0	0	0	0	0	0	56	0	0	0	0	0	0	48	0	0	0	0	0	4	1	0	6	0	22	137
303	0	0	0	0	0	15	207	0	0	0	5	0	0	32	0	0	0	0	0	0	0	0	1	0	13	273

NMFS-NEFSC SPRING BOTTOM TRAWL SURVEY
ALBATROSS IV MARCH 15 - MAY 4, 2000
CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

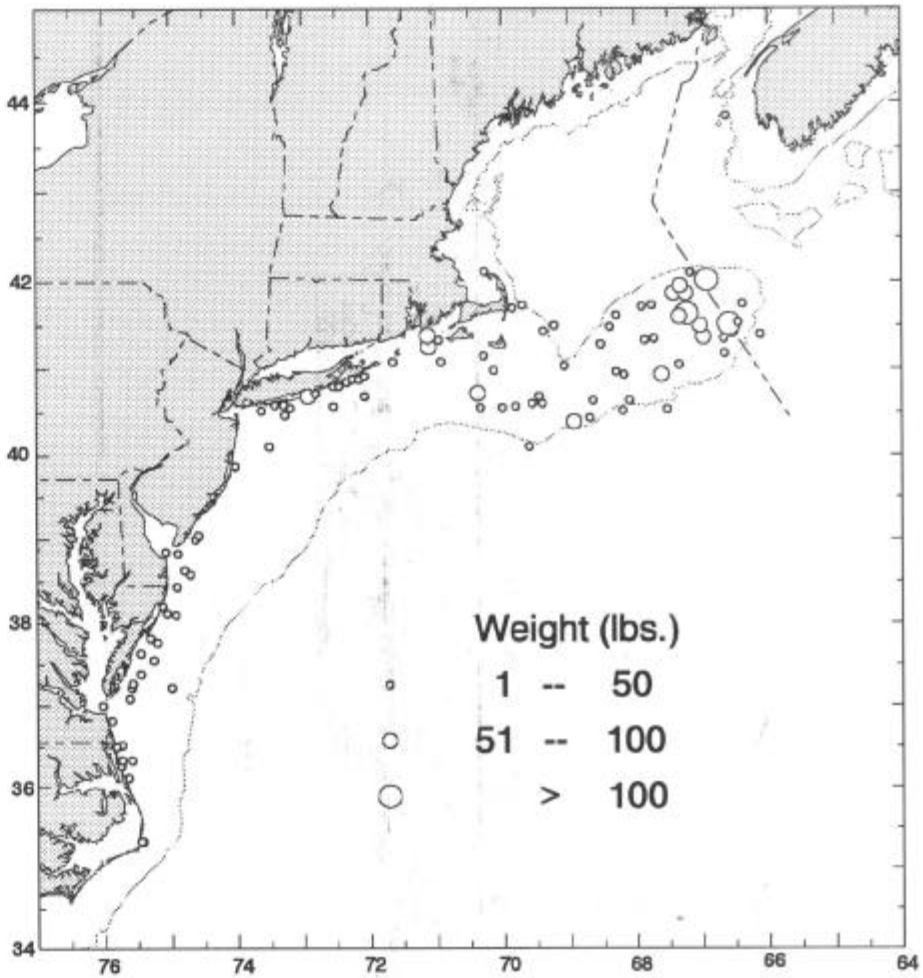
	SPINY DOGFISH	WINTER SKATE	LITTLE SKATE	ATLANTIC HERRING	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLDR	YELLOWTAIL FLDR	WINTER FLDR	WITCH FLDR	WINDOWPANE FLDR	ATLANTIC MACKEREL	BUTTERFISH	ACADIAN REDFISH	LONGHORN SCULPIN	OCEAN POUT	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL* OTHER	TOTAL ALL
304	0	3	12	0	0	2	4	0	0	0	1	0	3	33	0	0	0	0	0	9	0	1	21	0	41	130
305	9	0	1	0	4	32	4	0	3	1	0	0	0	0	4	0	0	0	7	1	0	0	0	0	6	72
306	175	0	0	0	10	35	2	6	2	1	0	0	0	0	1	0	0	0	25	0	0	0	2	0	8	267
307	23	0	0	0	0	54	0	53	9	3	0	0	0	0	6	0	0	0	115	0	0	4	0	0	3	270
308	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	0	0	20	0	4	30
309	20	0	0	0	6	4	0	0	1	6	0	0	0	0	4	0	0	0	1	0	0	4	7	0	26	79
310	0	0	0	0	3	0	0	0	0	0	0	0	0	4	0	0	0	0	0	2	0	2	15	0	9	35
311	0	0	0	3	2	0	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	2	0	0	7	18
312	0	0	3	0	6	0	0	0	1	0	4	0	0	0	0	0	0	0	0	0	0	1	2	0	8	25
313	0	0	0	0	20	0	0	0	9	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37
314	0	0	0	0	39	0	0	0	6	2	4	0	0	0	0	0	0	0	2	0	0	0	0	0	4	57
315	35	0	0	2	45	0	0	0	37	12	3	0	0	0	3	0	0	0	12	0	0	3	4	1	0	157
316	5	0	0	4	26	2	0	1	3	0	4	0	0	0	2	0	0	0	544	0	2	2	5	0	10	610
317	104	0	0	5	29	16	2	0	4	27	4	0	0	0	3	0	0	0	13	0	4	4	2	0	1	218
318	8	0	0	6	9	0	7	0	2	6	4	0	0	0	2	0	0	0	553	0	0	6	0	0	1	604
319	24	0	0	5	100	0	0	0	11	10	2	0	0	0	2	0	0	0	0	0	0	0	0	0	5	159
320	0	0	0	6	10	75	4	0	2	21	37	0	11	1	2	0	2	0	0	1	0	3	4	0	16	195
321	7	0	0	7	52	0	0	0	1	11	15	0	0	0	4	0	1	0	7	0	0	1	2	0	70	178
322	0	0	0	4	31	37	2	0	0	4	101	0	64	0	1	0	0	0	0	0	0	2	5	0	73	324
323	25	0	0	2	72	0	0	0	1	25	22	0	2	0	5	0	0	0	78	0	0	7	0	0	36	275
324	23	0	0	5	141	6	2	0	5	79	32	0	0	3	2	0	0	0	2	0	0	2	0	0	72	374
325	0	0	1	1	9	0	0	2	0	0	4	0	1	1	0	0	85	0	0	11	0	2	15	0	99	231
326	0	0	0	0	0	6	0	9	0	0	0	0	0	2	0	0	0	0	0	2	0	0	151	4	7	181
327	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	7	0	3	48	0	26	88
328	18	0	0	20	12	2	3	0	1	3	9	0	0	0	2	0	0	0	1	1	0	0	18	0	15	105
329	0	0	0	11	33	8	0	0	0	4	0	0	0	0	2	0	0	0	21	2	0	1	4	0	27	113
330	25	0	0	185	71	6	0	0	1	6	0	0	0	0	2	0	0	0	0	0	0	7	6	0	51	360
331	19	0	0	16	22	0	3	0	1	1	3	0	0	0	2	0	0	0	23	0	0	0	14	0	7	111
332	15	0	0	20	9	0	0	5	6	17	5	0	0	0	1	0	0	0	108	0	4	19	0	0	13	222
333	4	0	0	8	12	12	1	11	3	8	28	0	0	0	4	0	0	0	1038	0	3	4	0	0	16	1152
TOTAL	24961	3002	13429	1556	1941	3626	4421	350	503	751	785	437	1284	1462	87	416	2454	360	6217	1681	804	388	1003	1545	23326	96789

* "Total other" in southern areas are comprised of rays, large sharks and spotted hake.

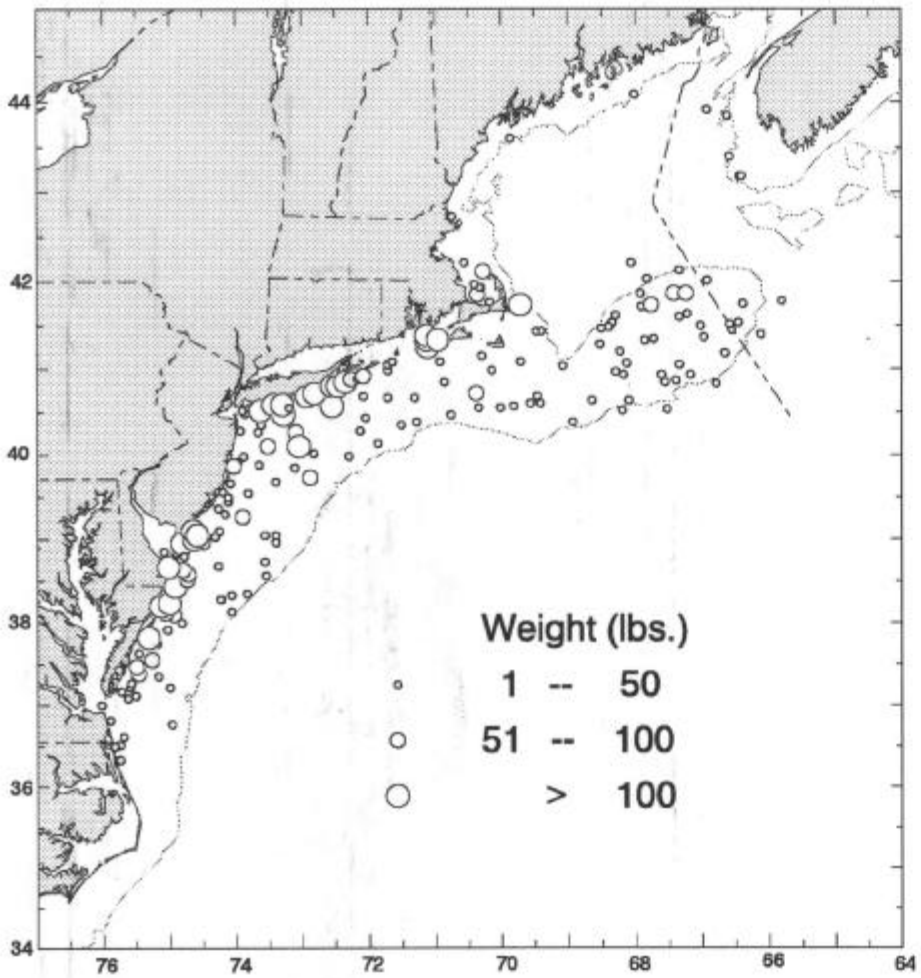
SPINY DOGFISH
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



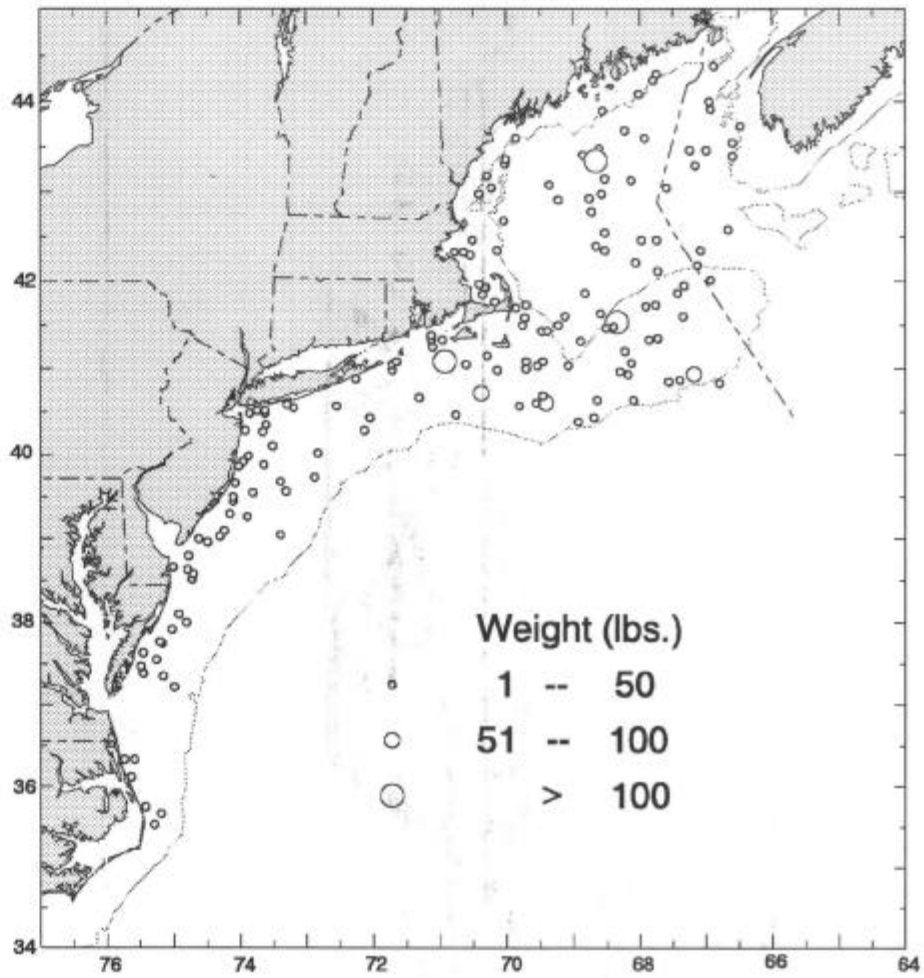
WINTER SKATE
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



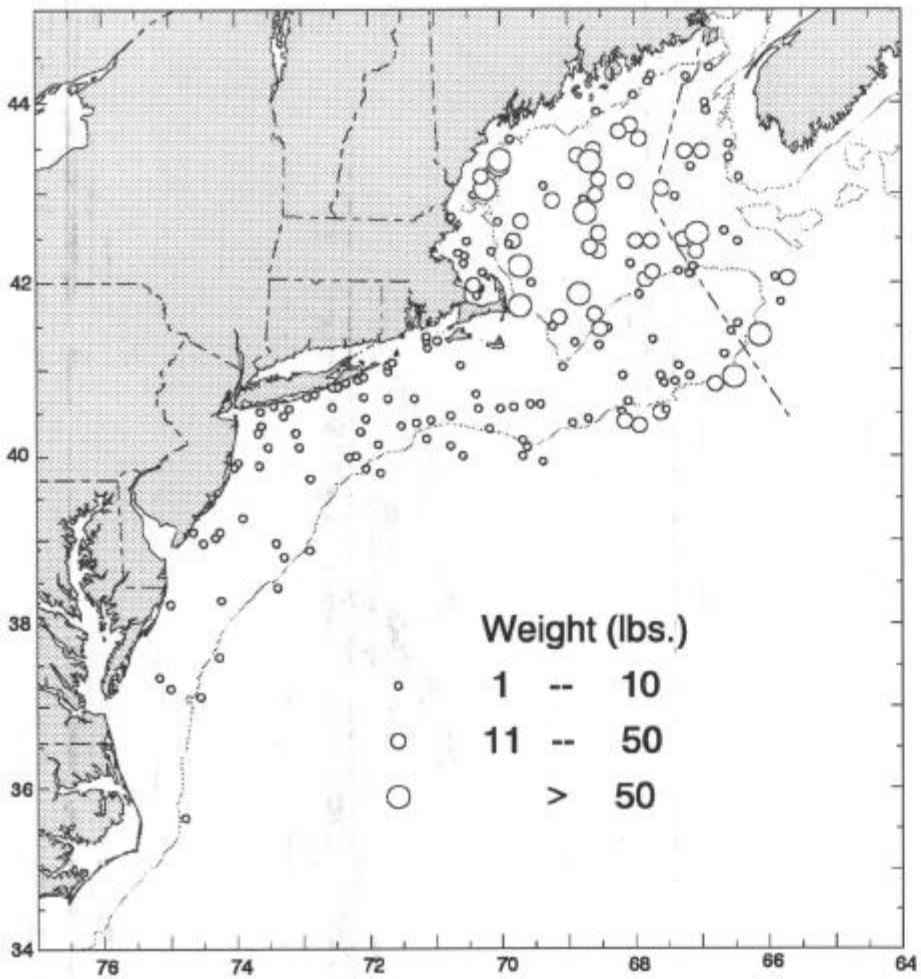
LITTLE SKATE
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



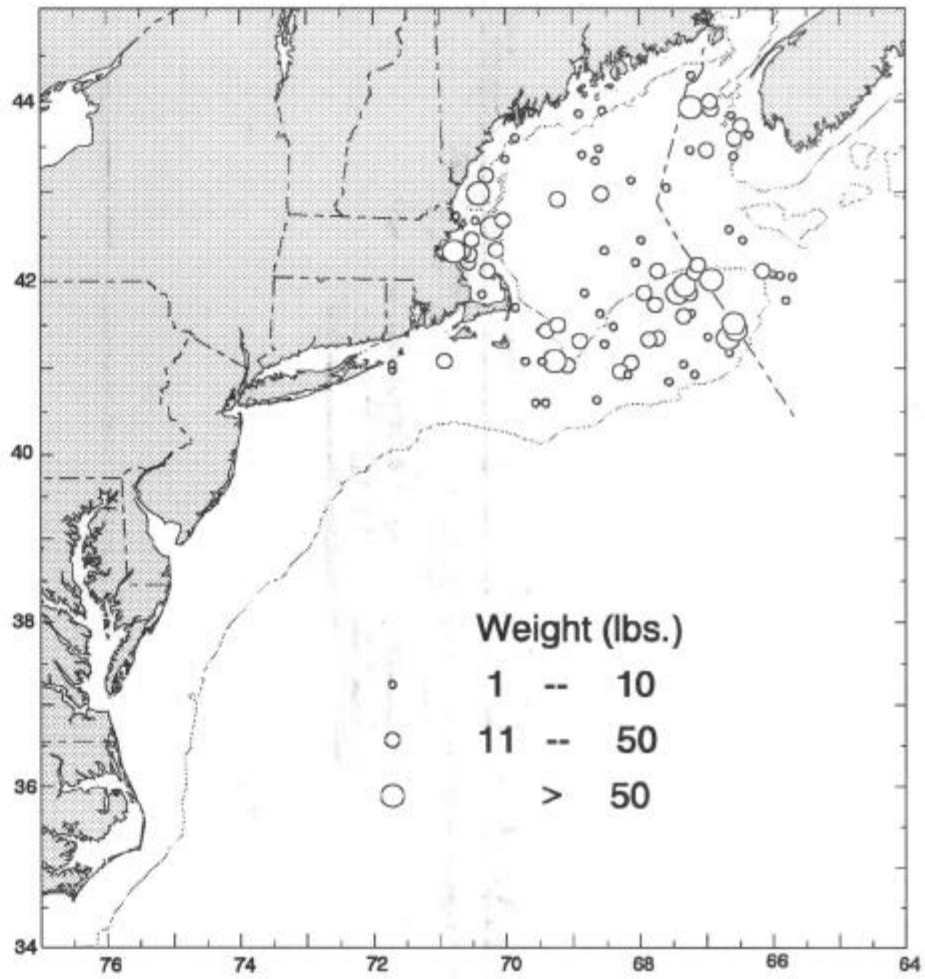
ATLANTIC HERRING
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



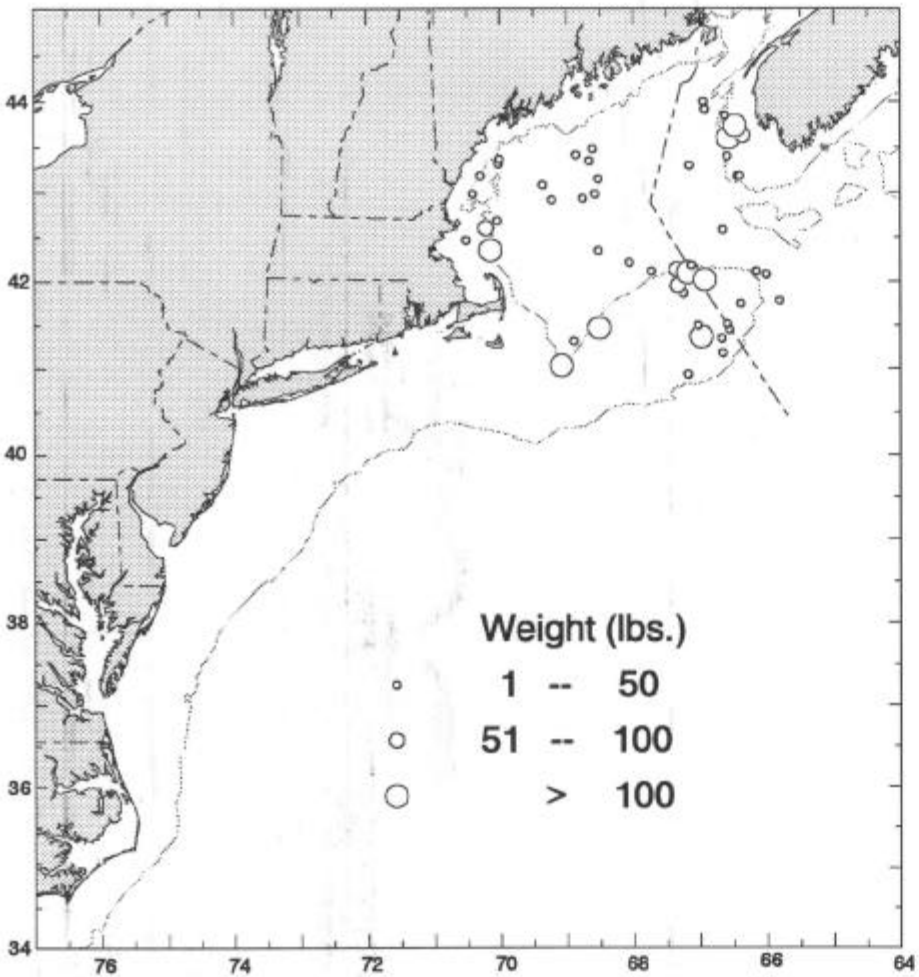
SILVER HAKE
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



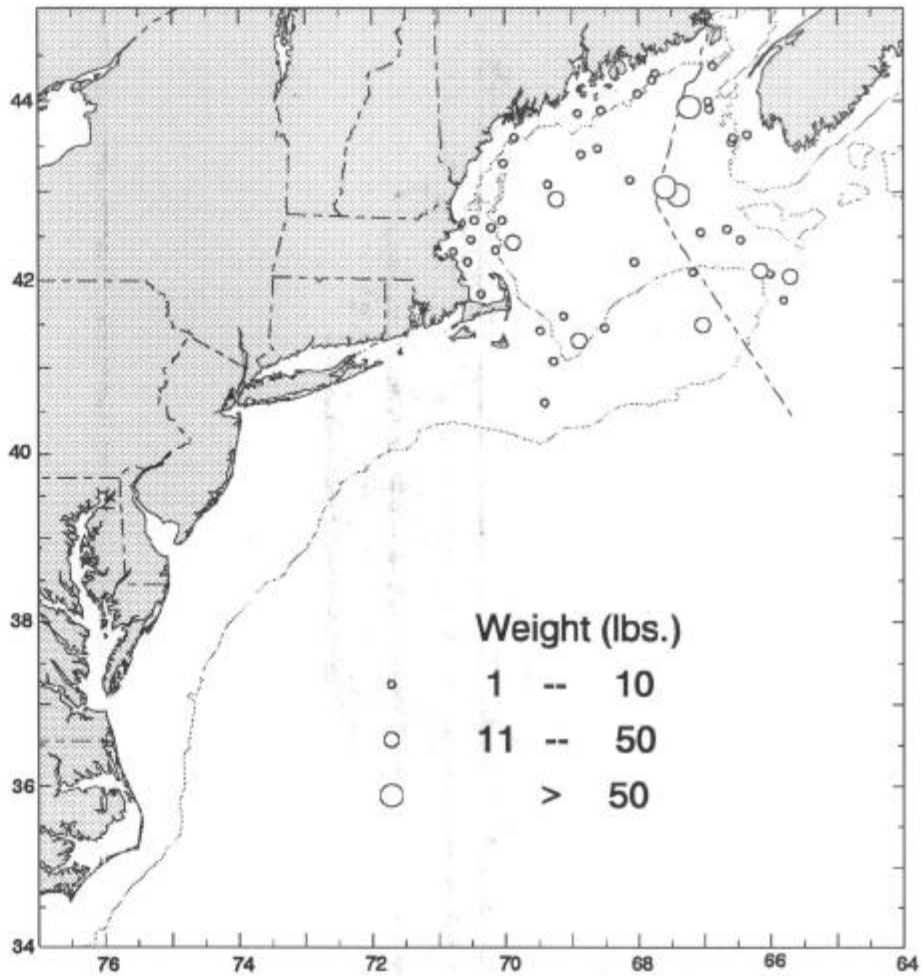
ATLANTIC COD
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



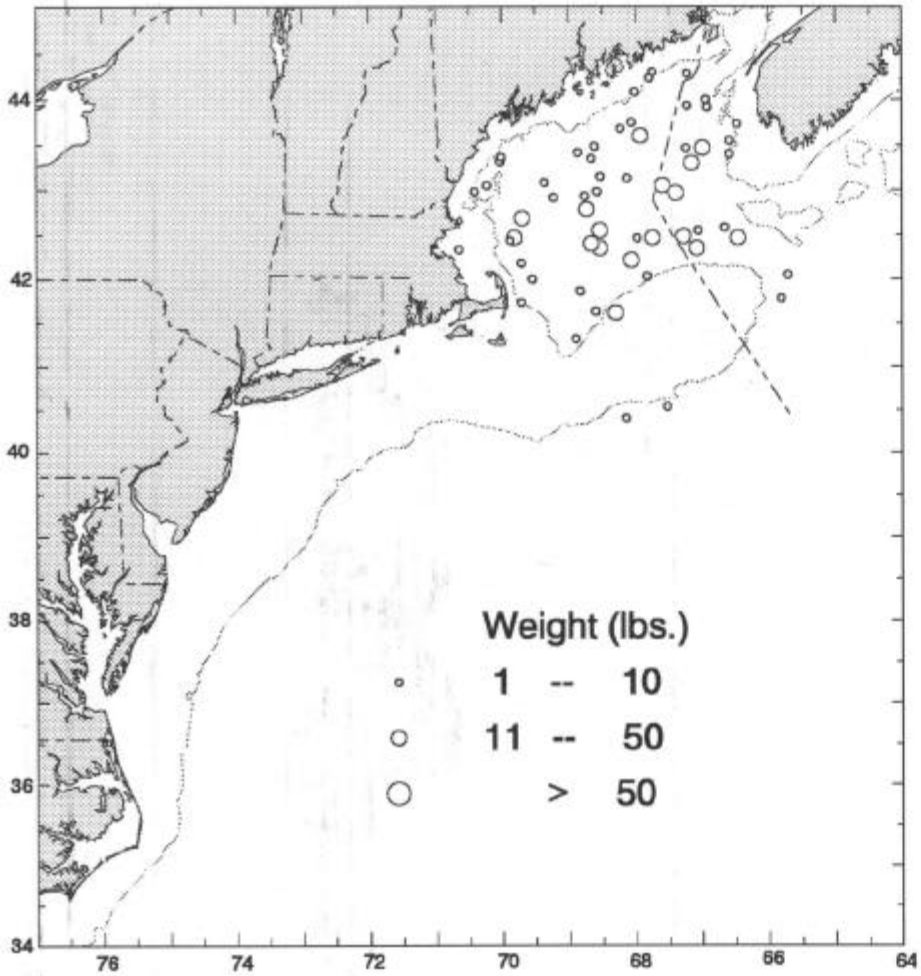
HADDOCK
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



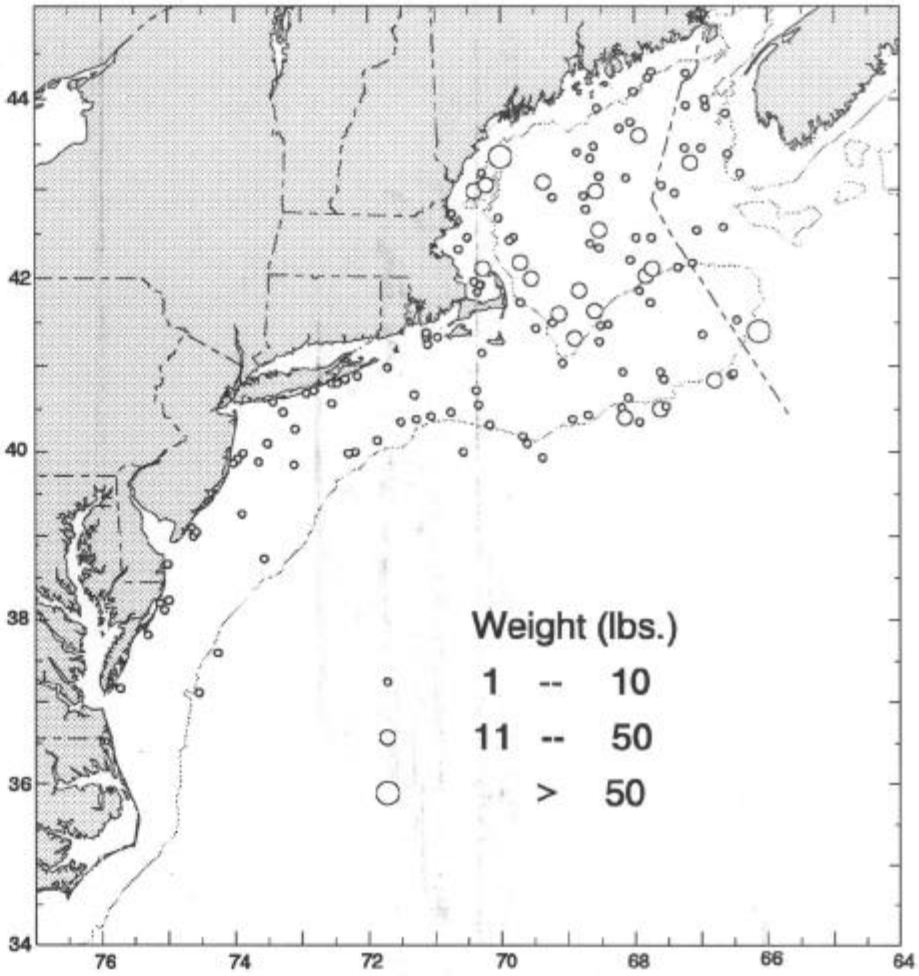
POLLOCK
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



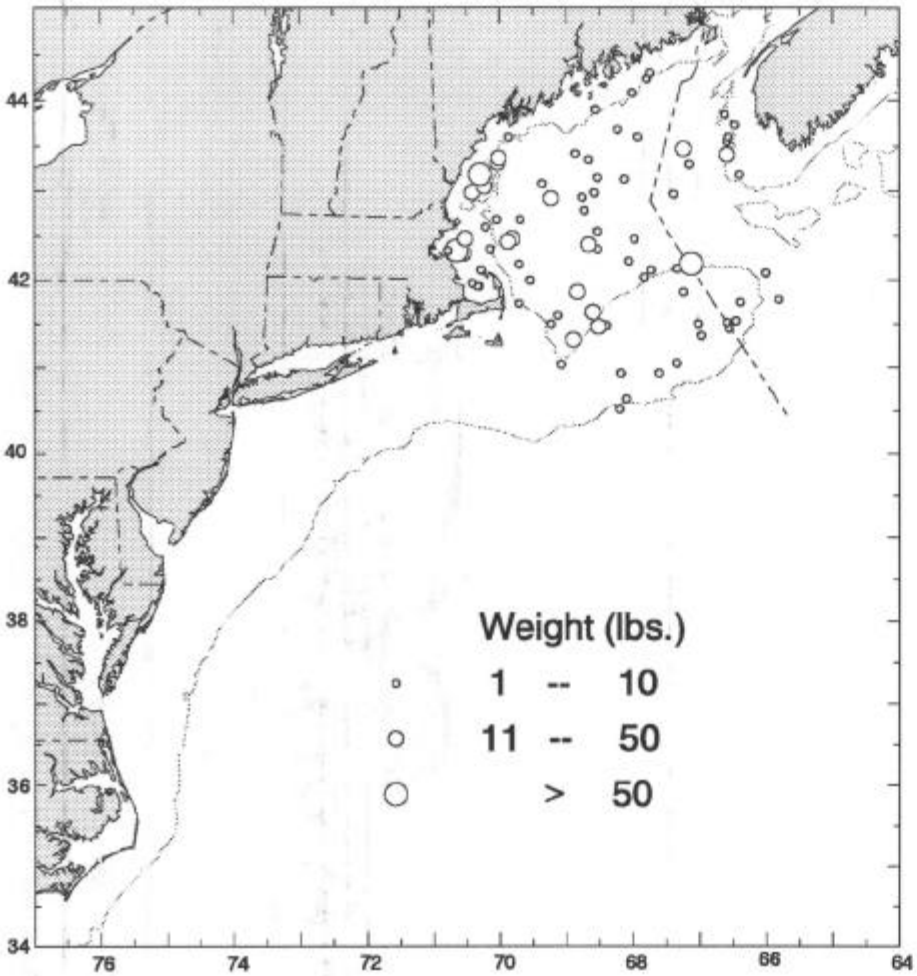
WHITE HAKE
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



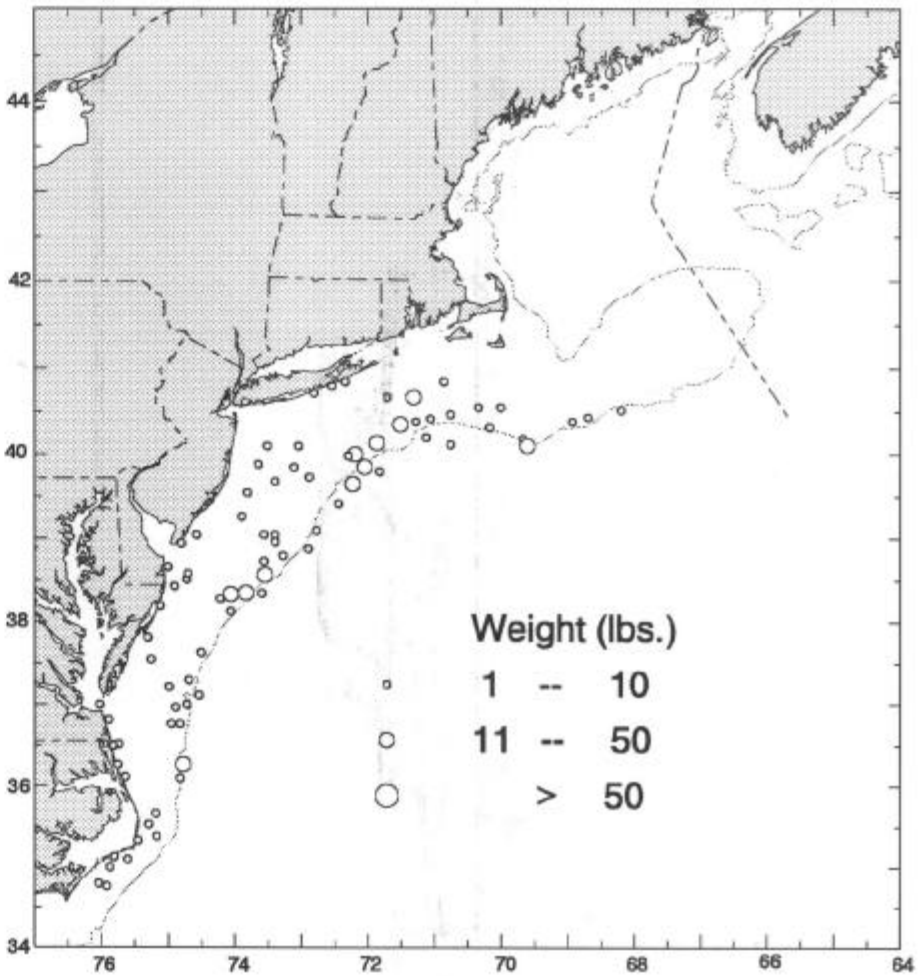
RED HAKE
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



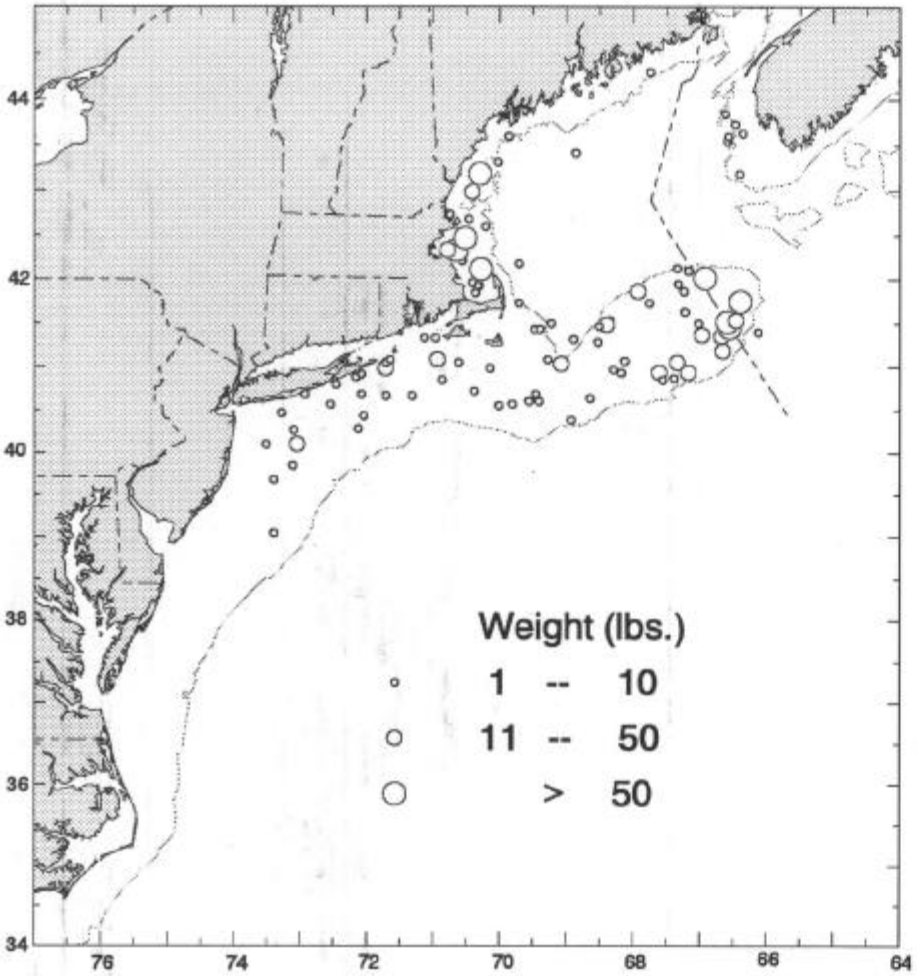
AMERICAN PLAICE
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



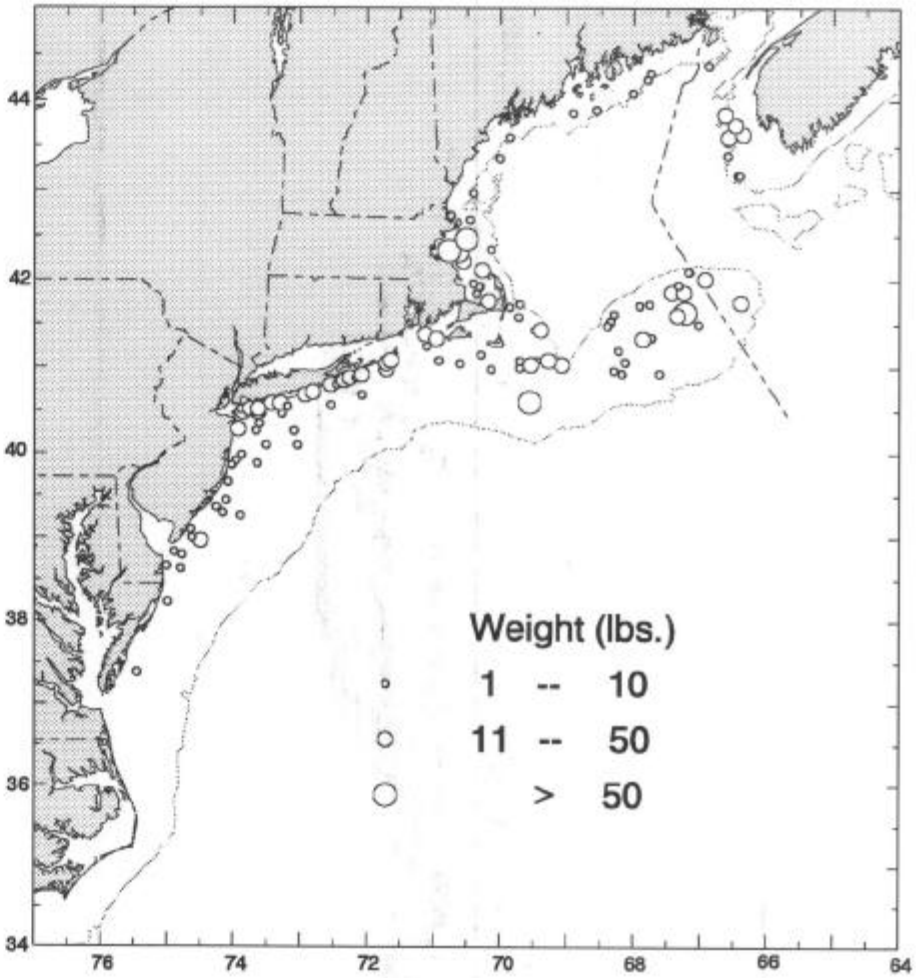
SUMMER FLOUNDER
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



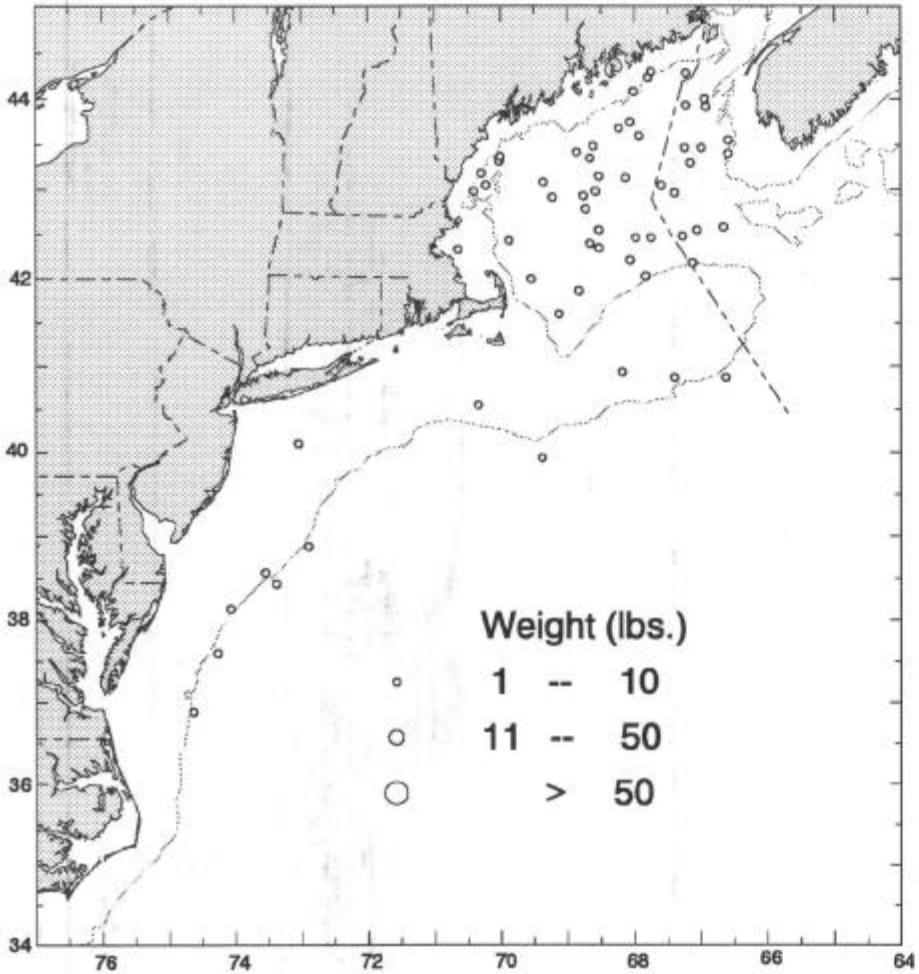
YELLOWTAIL FLOUNDER
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



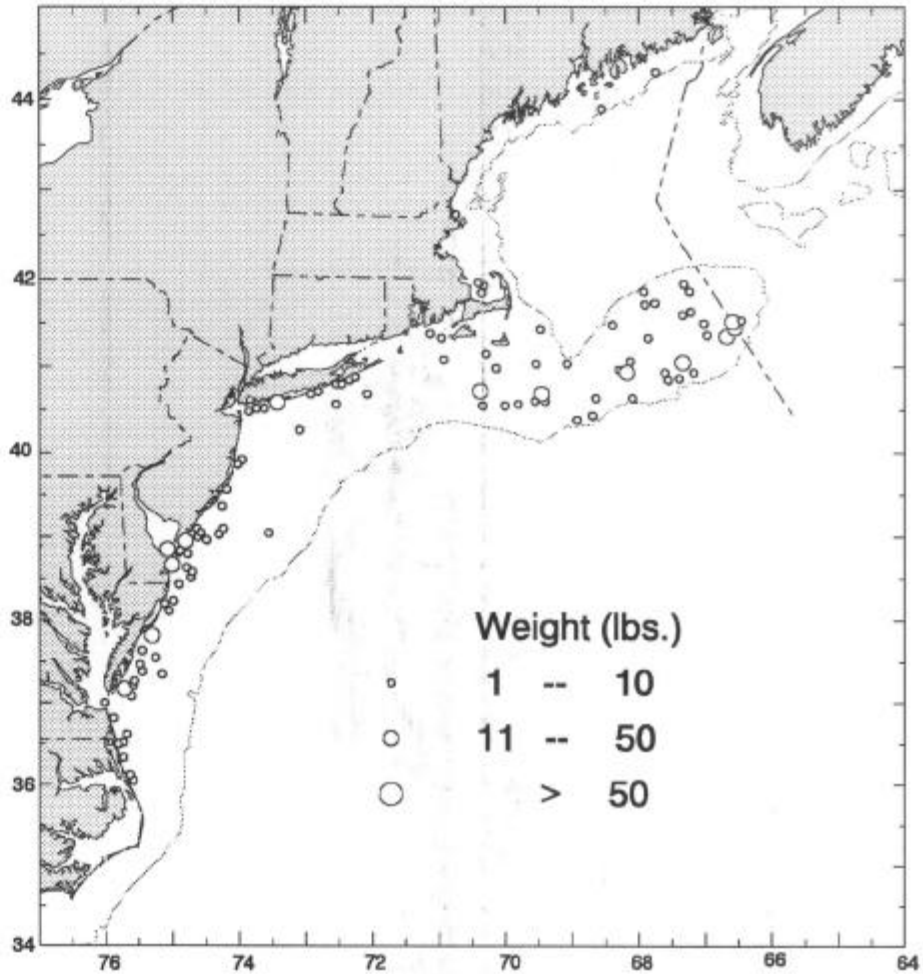
WINTER FLOUNDER
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



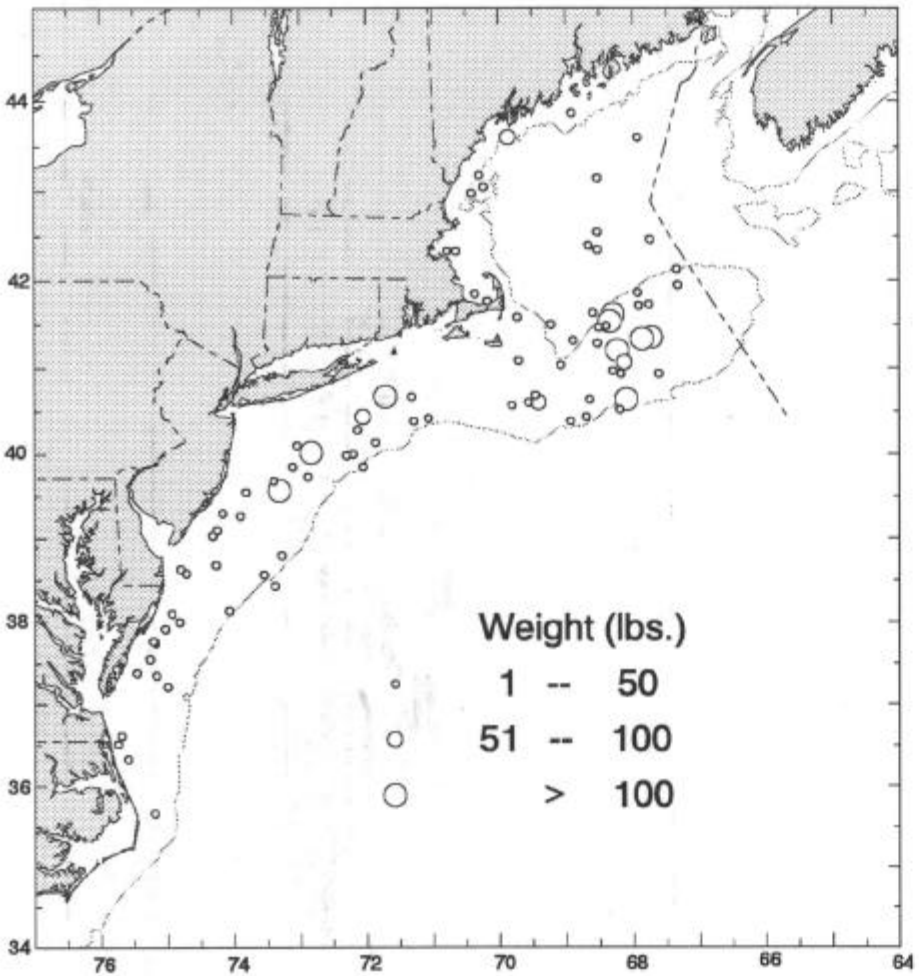
WITCH FLOUNDER
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



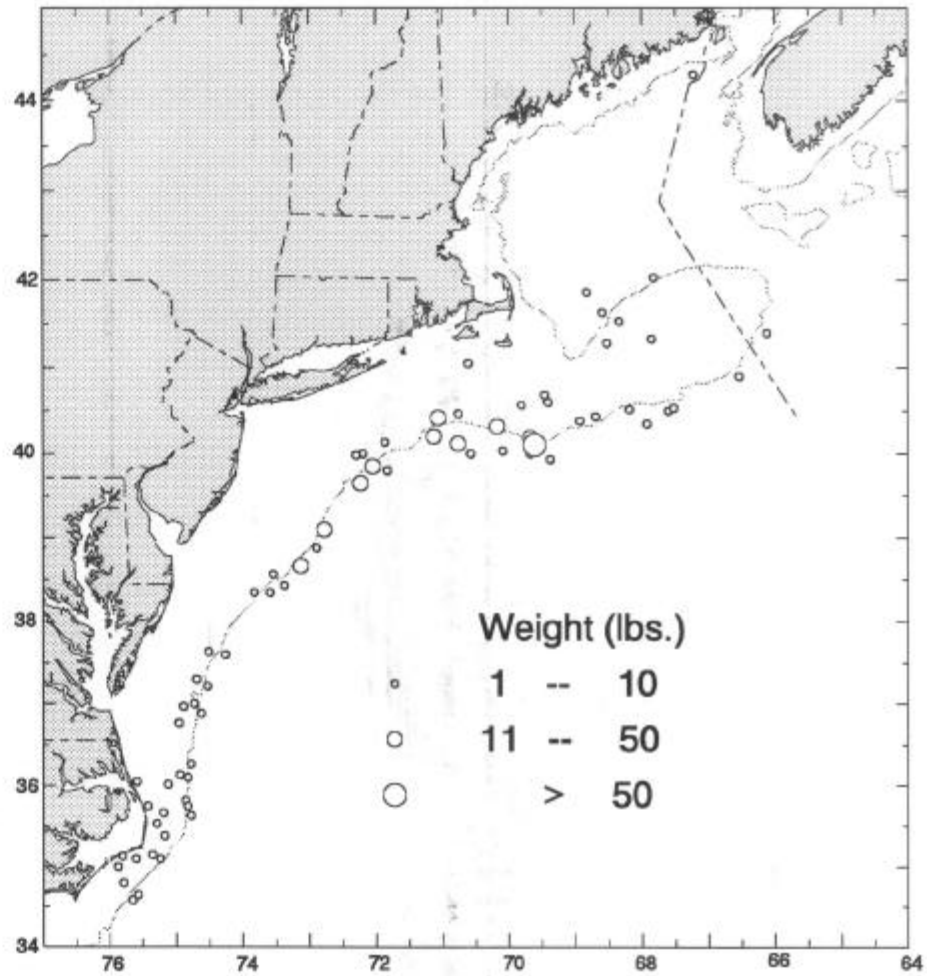
WINDOWPANE FLOUNDER
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



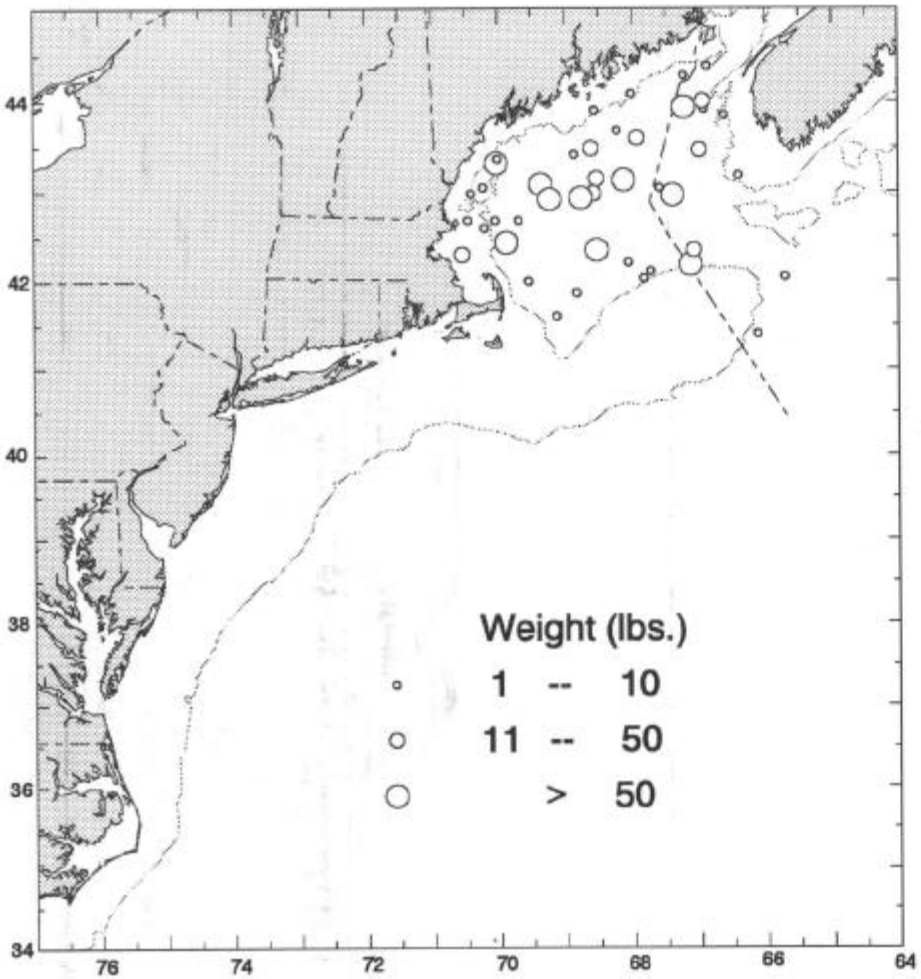
ATLANTIC MACKEREL
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



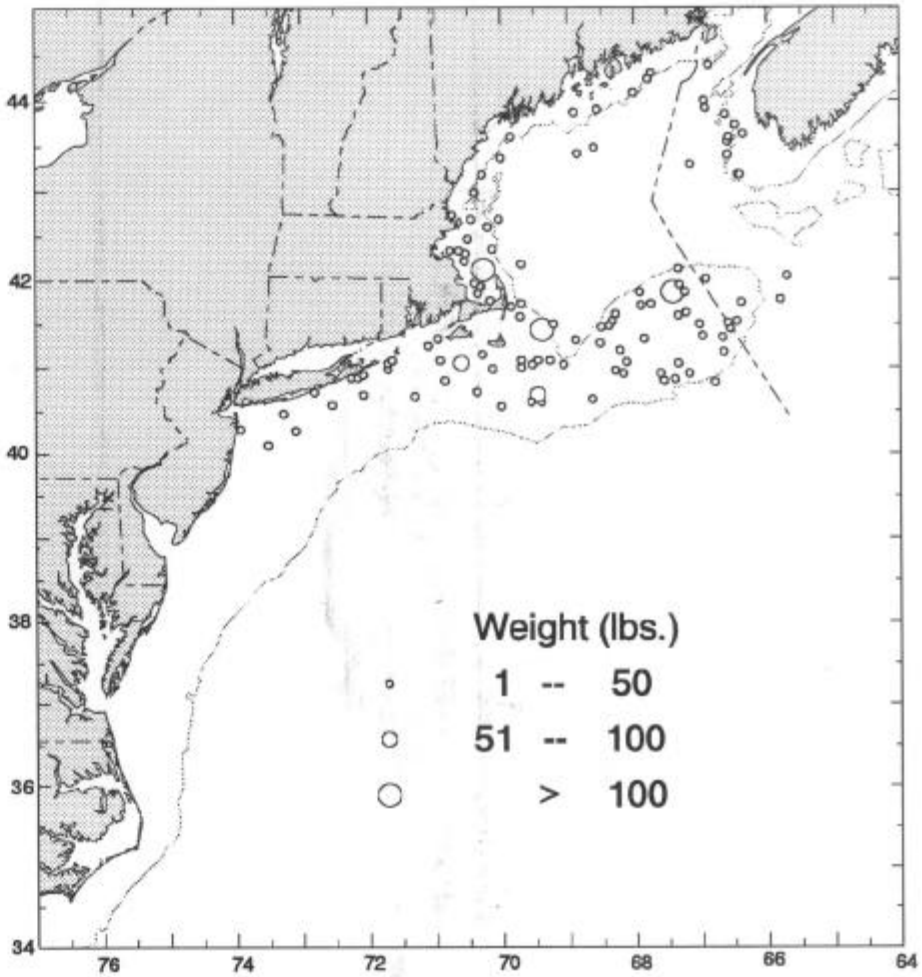
BUTTERFISH
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



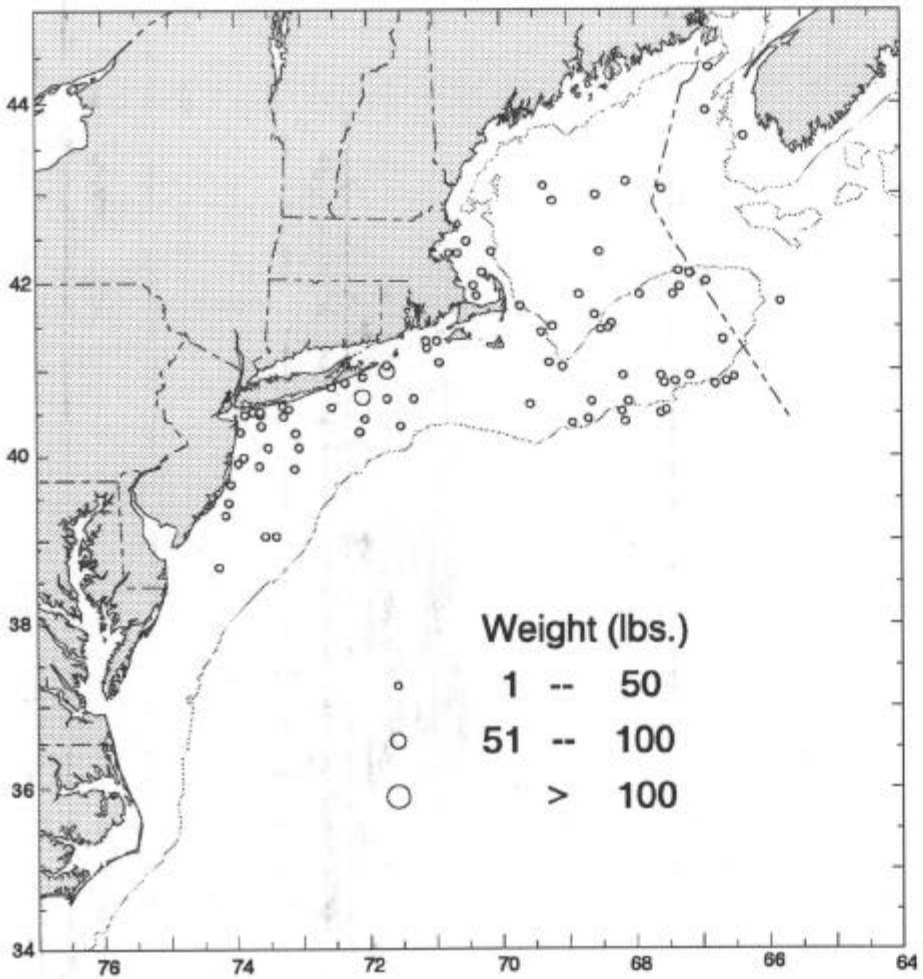
ACADIAN REDFISH
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



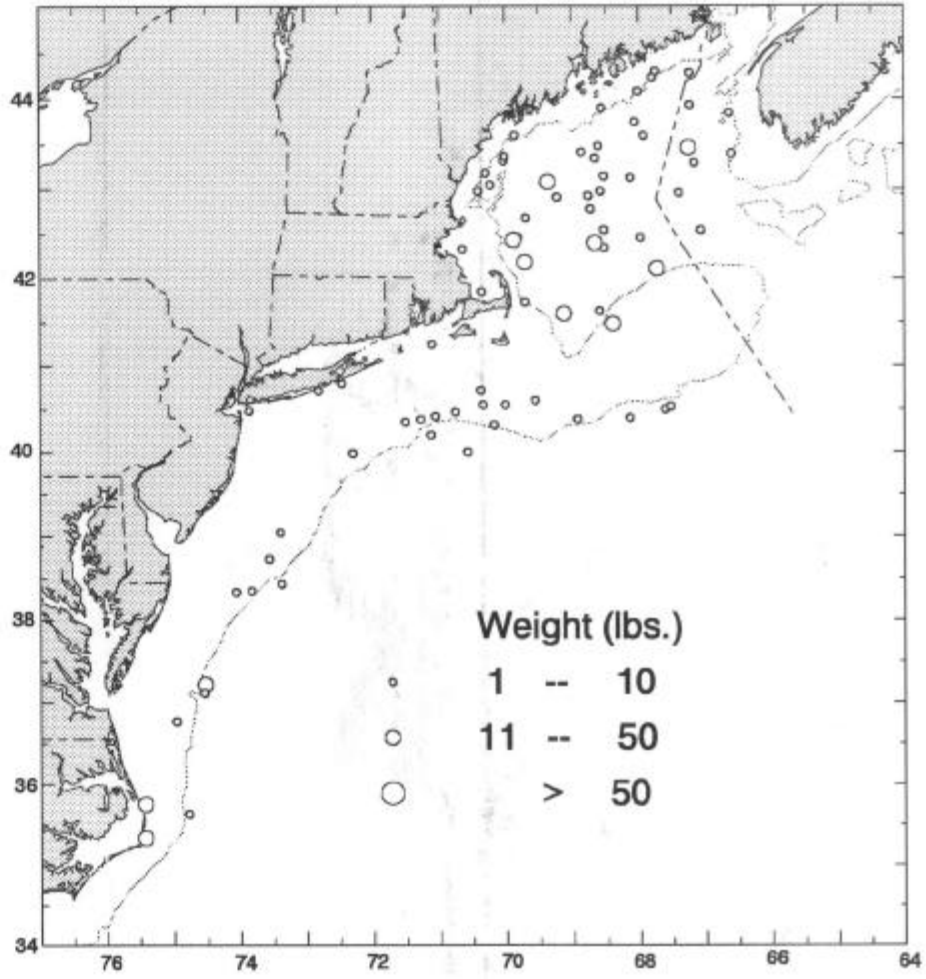
LONGHORN SCULPIN
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



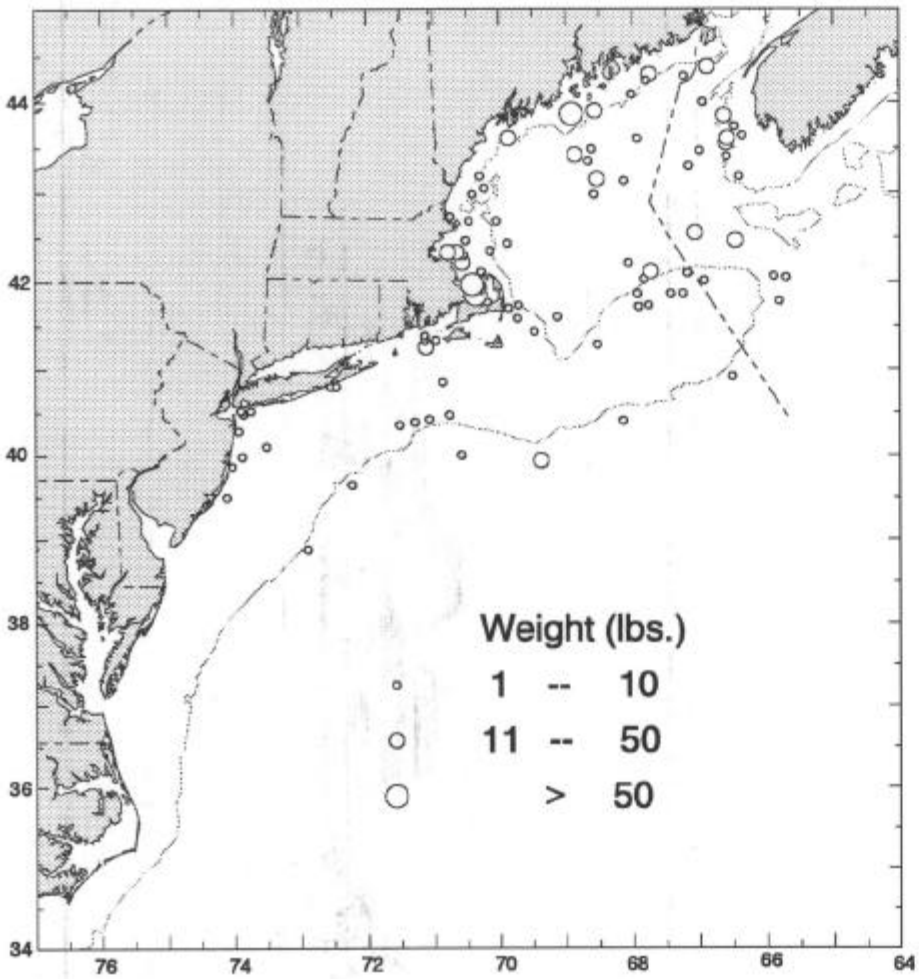
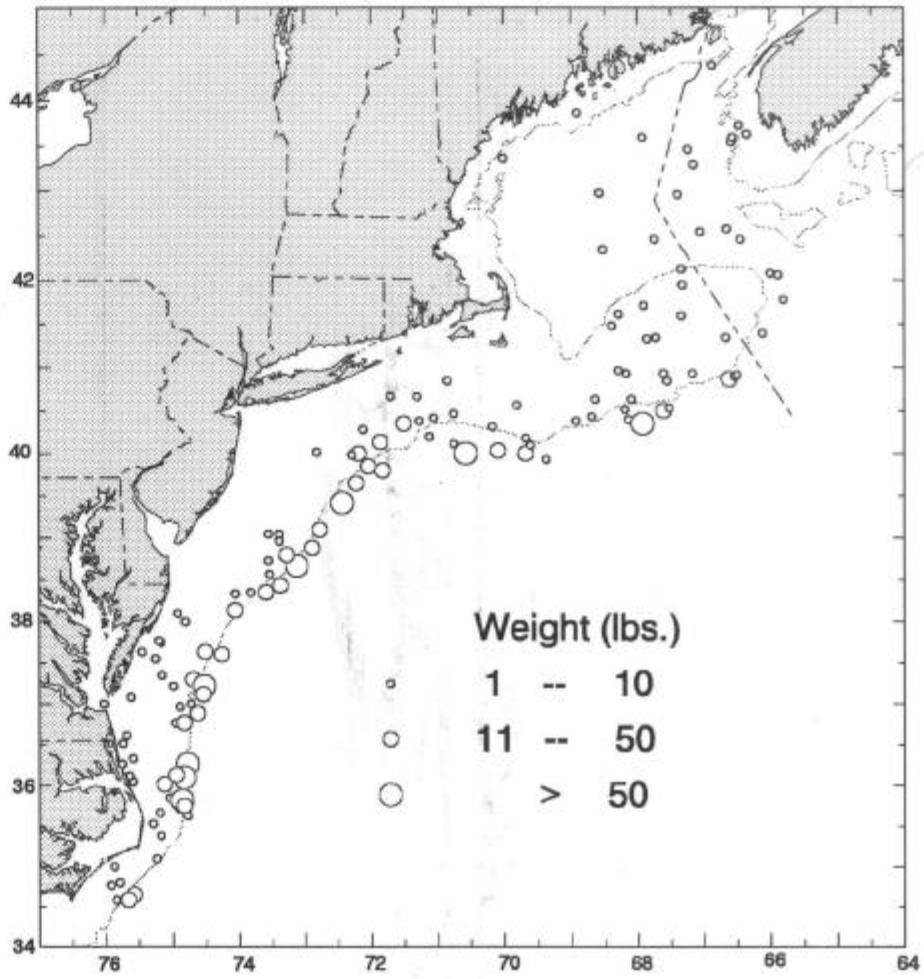
OCEAN POUT
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



GOOSEFISH
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



AMERICAN LOBSTER
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000



LONGFIN SQUID
NEFSC Bottom Trawl Survey
March 15 - May 4, 2000