RESOURCE SURVEY REPORT
Catch Summary
NOAA Fisheries Service
Northeast Fisheries Science Center
Sea Scallop Survey
Cape Hatteras - Georges Bank
July 13 - August 11, 2006

Submitted to: NOAA, NEFSC

For further information contact Russell Brown (508-495-2380) or Linda Despres (508495-2346), National Marine Fisheries Service, Northeast Fisheries Science Center, 166 Water Street, Woods Hole, MA 02543.

Date: 2006

Resource Survey Report

Sea Scallop Survey

Cape Hatteras – Georges Bank

July 13 – August 11, 2006

R/V Albatross IV

NOAA Fisheries Service
Northeast Fisheries Science Center
Woods Hole, MA 02543

Tow of Sea Scallops from the *Elephant Trunk* area

Scientists sorting a catch

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The following field notes, charts, and station data indicate the distribution of sea scallops during the 2006 summer Scallop Survey conducted aboard the *R/V ALBATROSS IV*. Fifteen-minute tows were made at a speed of 3.8 knots using a standard 8-foot New Bedford type scallop dredge. The dredge was equipped with a 2-inch ring chain bag and lined with 1-1/2 inch mesh webbing to retain small scallops. For statistical purposes, stations were randomly selected and therefore were not always on or near scallop concentrations.

In this report, scallop catch is reported in numbers and by-catch is recorded in liters, depth in fathoms and bottom temperature in degrees Fahrenheit. Bottom temperature is included at selected stations because it is an environmental factor which influences sea scallop growth rates and spawning time. Catches are reported in three categories of shell height: less than or equal to 90 mm (greater than 40 count), greater than 90 mm (less than 40 count), and greater than or equal to 100 mm (less than 30 count). The percent composition of by-catch is also given.

The data are now summarized from audited catch files generated from the Fisheries Scientific Computer System (FSCS).

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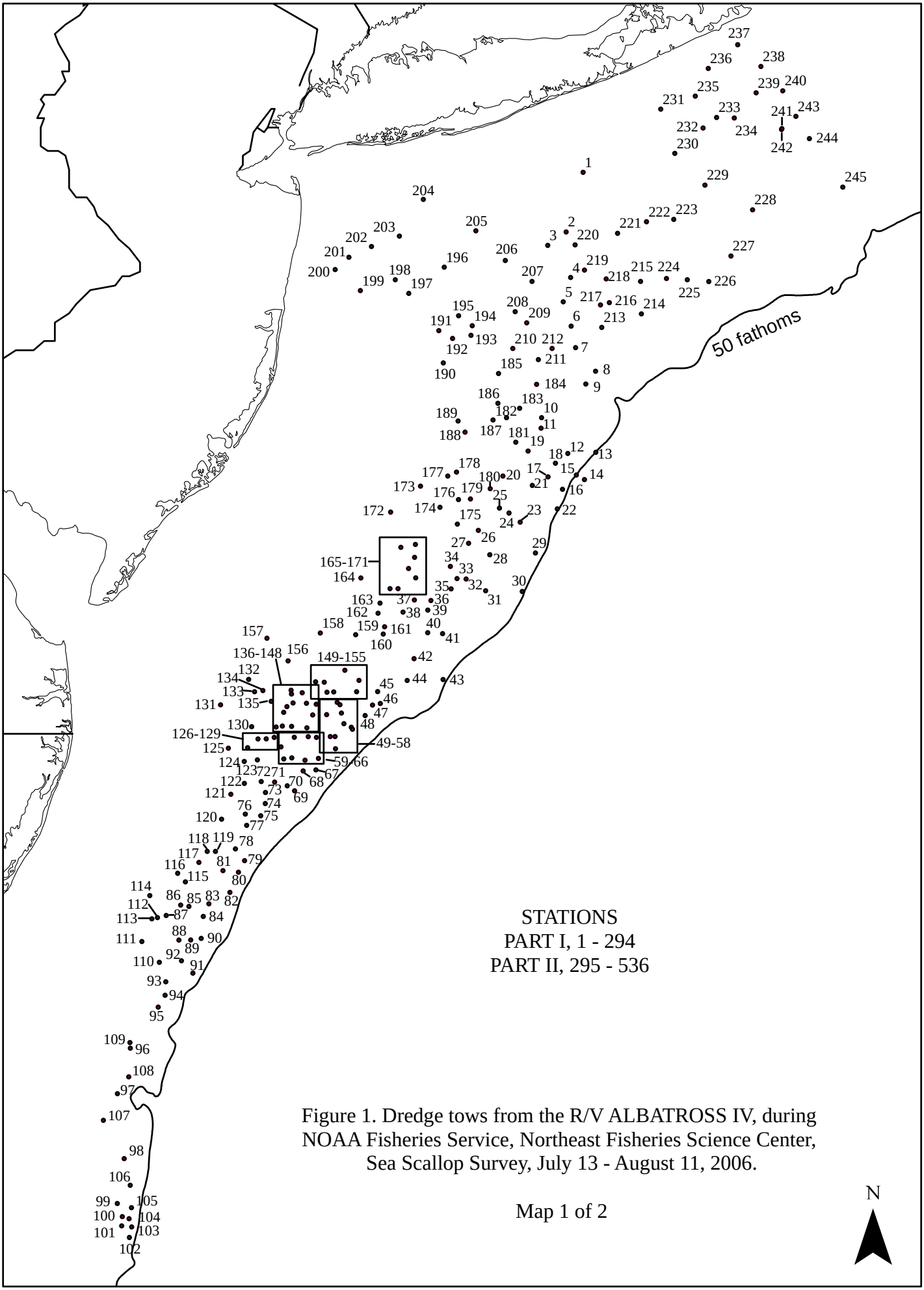
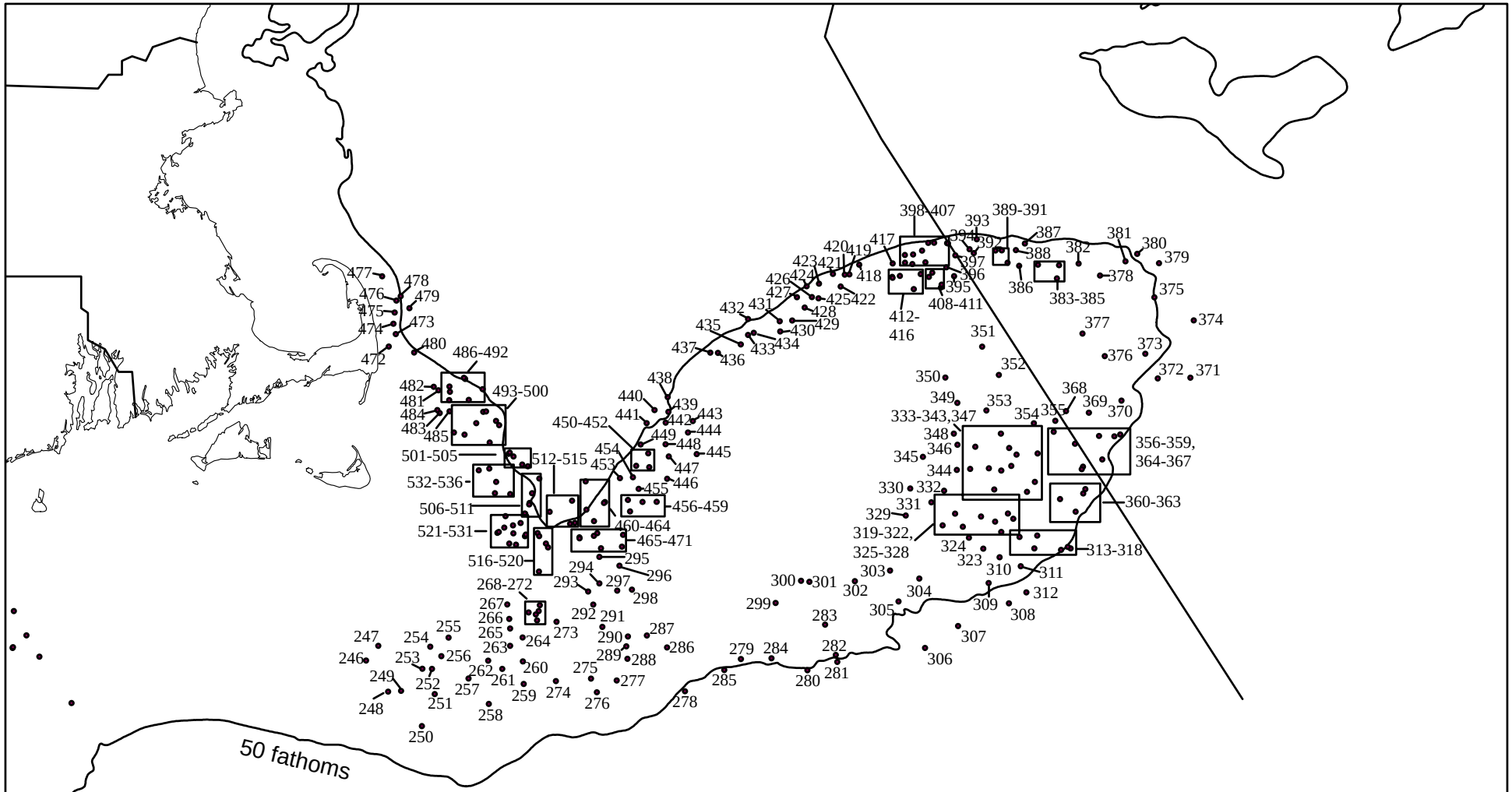


Figure 1. Dredge tows from the R/V ALBATROSS IV, during NOAA Fisheries Service, Northeast Fisheries Science Center, Sea Scallop Survey, July 13 - August 11, 2006.

Map 1 of 2



STATIONS
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Figure 2. Dredge tows from the R/V ALBATROSS IV, during NOAA Fisheries Service, Northeast Fisheries Science Center, Sea Scallop Survey, July 13 - August 11, 2006.

Map 2 of 2

Field Notes

In an effort to share some of the natural history observations made during the Scallop dredge 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 *R/V Albatross IV*.

Unexpected visitor
While surveying offshore stations off the coast of Delaware Bay, an osprey landed on the upper deck. It rested overnight and dined on a fish that came up in the dredge before continuing on with its journey the following morning.

Beryl booms by
Tropical Storm Beryl passed approximately 60 miles from the vessel about half way through the first part of the survey. We were lucky to be on the western side of the storm where the effects were minimal, requiring us to stop operations for less than 12 hours.

Cooperative work
At stations 253 and 254 in the Nantucket Lightship Closed Area we paired up with the *F/V Kathy Marie* for cooperative video imaging work. Scientists from the Woods Hole Oceanographic Institute's Center for Image Analysis and Multi-Scale Visualization surveyed the area with their Habitat Mapping Camera System (HabCam) before and immediately after our dredge tows. Their system provides real-time images of the sea floor, allowing them to see and count scallops resting on the bottom. They surveyed our exact tow path and catch data to make comparisons between their new method of scallop monitoring and the current dredge survey.

Rock chain work completed
The second leg of the survey is considered the most demanding in terms of physical labor due to the large amount of rocks and substrate that come up with the scallops. Lately, scallop catches have been high, particularly in the closed areas. This year marked the completion of a four year project to collect data and implement the use of the rock chains deployed in specific strata in the South Channel in order to minimize the large rock and substrate catches. Using rock chains will save time, money, and physical effort on our part. There were many people involved in this project who should feel proud of the results and rock chain implementation. Thanks go especially to the crew and officers on the *R/V Albatross IV*, the support from the Population Dynamics Branch and specifically to Dr. Devorah Hart, the myriad of volunteers who assisted, and to the team members from the Ecosystems Surveys Branch.

Sand lance comeback?
On a few stations in the South Channel area, we loaded up with very sandy tows that were full of small sand lance. This was the first time in a while that so many sand lance had been seen in the scallop survey dredge.

Icelandic scallops
Icelandic scallops were caught on only two tows in the Great South Channel. They have a beautiful ridged shell (like a bay scallop) and are more curved than a sea scallop. Their small meats are very flavorful.

Elephant Trunk Area

For the past several years, results from the previous survey have been used to allocate more stations to areas (strata) with high variability and high abundance. This approach results in improved estimates of scallops in areas of high abundance. Implementation of this approach resulted in a large number of stations in the Elephant Trunk closed area, providing accurate estimates of scallop abundance in advance of a projected 2007 opening of this area for commercial harvest.

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ALBATROSS IV 2006 SEA SCALLOP SURVEY
July 13 - August 11

Station Data								Number of Scallops				By-Catch			
	Position		Loran TD's			Depth	Bottom Temp	Total	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone	Inverts	Total
Station	Lat.	Long.			heading	(FM)	(F)	No.				(Percentage)			Vol.(lt)
0001	4029.3	7239.0	X26348.5	Y43640.7	190	22.4	45.9	22	1	21	21	2	0	98	621
0002	4016.5	7243.8	X26370.0	Y43531.8	222	28.4		64	16	48	46	1	0	99	759
0003	4013.6	7249.0	X26407.2	Y43510.1	164	27.9		53	14	39	35	2	2	96	621
0004	4006.7	7242.5	X26348.8	Y43442.2	197	30.1	49.5	74	4	70	69	2	2	96	989
0005	4001.4	7244.6	X26359.5	Y43395.4	135	31.2		185	49	136	118	5	5	90	368
0006	3956.2	7242.3	X26337.5	Y43346.3	173	31.2		118	2	116	108	5	90	5	414
0007	3951.5	7241.1	X26324.9	Y43302.6	175	32.8	50.9	204	31	173	136	95	1	4	184
0008	3946.4	7235.5	X26280.9	Y43253.1	204	32.3		458	146	312	235	75	1	24	81
0009	3943.6	7238.2	X26298.7	Y43228.6	224	40.5		64	27	37	36	4	1	95	276
0010	3936.3	7250.7	X26382.6	Y43165.3	205	35.0	51.8	340	114	226	203	90	1	9	92
0011	3934.0	7250.8	X26381.6	Y43143.7	138	33.9		268	79	189	162	95	1	4	138
0012	3928.5	7243.3	X26326.5	Y43090.3	50	40.5		73	59	14	10	9	1	90	115
0013	3928.7	7235.4	X26272.6	Y43090.5	119	51.4	56.3	1	1	0	0	1	1	98	207
0014	3922.8	7238.6	X26292.3	Y43036.4	284	57.4		0	0	0	0	2	0	98	126
0015	3923.8	7240.9	X26308.1	Y43046.0	208	51.4		0	0	0	0	2	0	98	173
0016	3920.7	7244.8	X26333.0	Y43017.4	305	47.0	56.1	0	0	0	0	2	0	98	92
0017	3923.4	7248.9	X26361.8	Y43043.3	315	39.9		122	67	55	40	39	1	60	69
0018	3926.4	7246.8	X26349.3	Y43071.2	300	38.3		292	235	57	41	90	0	10	92
0019	3929.0	7254.5	X26403.6	Y43097.3	190	34.4	50.9	220	63	157	112	8	2	90	138
0020	3923.6	7301.6	X26447.7	Y43046.7	156	35.0		1068	924	144	102	65	10	25	92
0021	3921.5	7253.3	X26390.3	Y43025.7	108	38.8		289	233	56	48	55	20	25	92
0022	3916.4	7246.2	X26340.4	Y42977.0	213	48.7	56.1	1	0	1	1	1	0	99	207
0023	3913.5	7256.7	X26407.8	Y42949.4	309	37.7		55	17	38	36	40	40	20	230
0024	3915.5	7259.9	X26430.2	Y42968.6	314	38.8		660	592	68	64	80	5	15	115
0025	3916.6	7302.6	X26448.8	Y42979.2	217	37.7	50.7	5304	5256	48	32	5	0	95	46
0026	3911.7	7308.5	X26483.6	Y42931.4	222	36.1		216	131	85	70	60	20	20	138
0027	3908.9	7311.3	X26499.4	Y42903.8	124	36.1		1590	1458	132	72	40	20	40	46
0028	3906.4	7305.3	X26458.8	Y42880.1	131	39.4	52.7	40	11	29	25	25	50	25	276
0029	3906.8	7252.4	X26376.3	Y42885.6	202	45.9		1	1	0	0	5	5	90	161
0030	3858.3	7256.1	X26395.6	Y42803.6	253	49.2		0	0	0	0	95	0	5	12
0031	3858.5	7306.5	X26460.8	Y42802.9	304	43.2	54.7	292	292	0	0	90	0	10	92
0032	3901.0	7312.0	X26497.3	Y42826.0	266	41.0		28	6	22	22	97	0	3	184
0033	3901.1	7314.5	X26513.2	Y42826.4	296	37.7		41	16	25	23	5	0	95	184
0034	3903.8	7316.4	X26527.6	Y42852.7	233	37.2	50.2	293	195	98	88	5	0	95	253
0035	3858.9	7316.2	X26522.0	Y42804.3	227	36.6		51	28	23	18	3	0	97	230
0036	3856.3	7321.9	X26555.2	Y42776.8	311	35.5		766	528	238	157	2	97	1	184
0037	3856.4	7326.5	X26583.9	Y42776.3	186	31.2	50.0	392	204	188	149	2	1	97	230
0038	3853.8	7329.7	X26601.0	Y42749.0	92	33.4		420	262	158	106	2	49	49	230
0039	3854.2	7322.7	X26558.2	Y42755.5	183	32.8		373	151	222	151	10	0	90	69
0040	3849.2	7322.8	X26554.2	Y42705.5	150	37.7	52.2	362	281	81	70	5	0	95	161

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		Position		Loran			Depth	Bottom Temp	Total	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone	Inverts	Total
	Station	Lat.	Long.	TD's		heading	(FM)	(F)	No.				(Percentage)			Vol.(lt)
	0041	3849.0	7318.6	X26528.5	Y42705.3	222	39.9		17	3	14	14	2	0	98	161
	0042	3843.5	7326.6	X26572.0	Y42646.6	125	38.8		6912	6864	48	39	1	98	1	230
	0043	3838.9	7318.5	X26520.0	Y42605.0	270	49.2	56.8	0	0	0	0	1	0	99	230
	0044	3838.7	7328.6	X26579.5	Y42597.3	244	39.9		3672	3652	20	16	10	10	80	115
	0045	3836.3	7336.9	X26626.0	Y42567.9	168	35.5		2980	946	2034	588	50	0	50	138
	0046	3833.6	7336.2	X26619.2	Y42540.9	264	38.8	54.3	18	3	15	14	35	0	65	184
	0047	3833.3	7338.4	X26631.7	Y42536.4	252	37.2		528	182	346	232	45	5	50	253
	0048	3831.0	7340.4	X26640.9	Y42511.5	264	37.2		184	59	125	81	10	0	90	207
*	0049	3833.4	7347.5	X26684.5	Y42531.2	282	31.7	51.1	4779	1422	3357	1980	25	0	75	69
	0050	3833.9	7348.3	X26689.8	Y42535.8	224	30.6		3208	536	2672	1848	50	0	50	12
	0051	3831.2	7351.3	X26703.8	Y42505.7	76	30.1		6832	1400	5432	3038	50	0	50	46
	0052	3831.5	7347.1	X26680.0	Y42511.9	136	32.8	51.3	7056	2002	5054	1946	50	0	50	46
	0053	3828.4	7344.3	X26660.5	Y42482.0	345	35.5		552	93	459	306	10	0	90	184
	0054	3829.2	7346.4	X26673.4	Y42488.7	180	34.4		1752	276	1476	684	10	0	90	138
	0055	3827.9	7344.0	X26658.2	Y42477.1	82	35.5	52.3	167	19	148	102	25	0	75	138
	0056	3823.6	7348.8	X26680.7	Y42429.0	236	38.3		2	2	0	0	10	0	90	9
	0057	3826.3	7348.9	X26684.3	Y42456.8	274	33.9		1140	522	618	531	40	0	60	115
	0058	3826.3	7350.3	X26692.3	Y42455.7	280	33.9	52.2	2415	460	1955	1090	14	1	85	69
	0059	3826.2	7354.2	X26714.3	Y42451.6	294	32.3		2058	210	1848	1446	70	1	29	81
	0060	3826.3	7356.5	X26727.4	Y42450.7	269	33.4		3240	336	2904	2352	24	1	75	161
	0061	3826.2	7400.4	X26749.3	Y42446.5	239	30.1	50.7	1912	260	1652	1456	75	1	24	161
	0062	3824.1	7404.2	X26767.8	Y42421.3	243	32.8		1722	621	1101	975	9	1	90	138
	0063	3821.4	7403.4	X26759.8	Y42393.6	64	34.4		43	11	32	25	2	1	97	230
	0064	3821.6	7401.1	X26747.2	Y42397.7	125	34.4	51.3	64	8	56	48	2	1	97	161
	0065	3821.1	7357.4	X26726.0	Y42395.7	80	34.4		29	6	23	18	2	1	97	161
	0066	3821.5	7353.6	X26705.3	Y42403.2	136	36.6		10	7	3	3	2	1	97	230
	0067	3818.9	7354.3	X26706.1	Y42375.6	256	37.7	53.6	43	37	6	6	2	1	97	184
	0068	3818.7	7357.9	X26725.8	Y42370.2	214	35.5		153	131	22	17	2	1	97	230
	0069	3814.3	7400.3	X26733.7	Y42322.0	215	38.8		719	633	86	78	1	95	4	230
	0070	3815.4	7402.4	X26746.6	Y42331.5	322	37.7	52.2	118	103	15	12	2	1	97	184
	0071	3816.2	7405.9	X26766.7	Y42336.5	274	33.9		2050	1570	480	450	85	1	14	69
	0072	3816.4	7409.7	X26787.8	Y42334.9	195	34.4		151	20	131	125	2	1	97	322
	0073	3813.9	7408.5	X26777.9	Y42309.7	180	36.1	50.5	1370	650	720	688	2	1	97	138
	0074	3811.5	7408.6	X26775.3	Y42284.2	192	37.2		1923	1263	660	603	12	3	85	138
	0075	3808.8	7409.9	X26778.8	Y42254.4	268	34.4		403	312	91	74	4	1	95	92
	0076	3809.1	7414.2	X26802.2	Y42252.9	173	23.0	50.5	128	36	92	69	10	5	85	276
	0077	3806.6	7413.8	X26796.7	Y42226.8	192	31.2		290	115	175	119	80	0	20	92
	0078	3801.4	7417.0	X26806.6	Y42168.0	160	32.8		131	62	69	54	20	0	80	184
	0079	3758.8	7414.4	X26789.6	Y42143.5	254	38.8	53.2	486	440	46	45	5	0	95	184
	0080	3756.2	7416.2	X26795.6	Y42113.8	265	39.9		22	11	11	11	5	0	95	276

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Station	Lat.	Long.			heading	(FM)	(F)	No.				(Percentage)			Vol.(lt)
0081	3756.6	7420.5	X26818.4	Y42112.7	160	33.4		139	66	73	33	5	0	95	276
0082	3751.7	7418.6	X26802.2	Y42063.1	213	35.5	54.0	4072	3936	136	104	35	0	65	46
0083	3749.2	7424.5	X26828.9	Y42028.6	196	33.4		24	21	3	1	40	0	60	5
0084	3746.3	7426.1	X26833.1	Y41995.5	308	33.4		808	638	170	96	48	2	50	115
0085	3748.6	7430.1	X26856.3	Y42014.5	299	30.1	55.6	216	80	136	87	40	0	60	138
0086	3748.9	7432.5	X26868.7	Y42014.5	236	30.1		270	119	151	127	50	0	50	138
0087	3746.5	7436.5	X26885.2	Y41983.0	245	28.4		303	211	92	58	60	0	40	161
0088	3741.1	7432.9	X26859.8	Y41930.1	65	28.4	57.2	277	211	66	32	60	20	20	92
0089	3741.1	7429.6	X26843.6	Y41935.0	94	33.9		1215	1083	132	63	65	5	30	115
0090	3741.4	7426.6	X26829.1	Y41942.6	224	34.4		2075	1910	165	150	20	60	20	322
0091	3733.7	7429.0	X26831.0	Y41857.1	321	36.6	55.8	2892	2849	43	38	9	1	90	35
0092	3736.4	7432.2	X26850.1	Y41880.9	227	35.5		228	206	22	21	4	1	95	92
0093	3731.7	7436.6	X26865.1	Y41823.7	147	32.3		1014	852	162	50	30	60	10	138
0094	3728.7	7436.8	X26862.0	Y41791.3	194	33.9	57.2	886	710	176	106	1	98	1	276
0095	3726.0	7438.8	X26868.0	Y41759.1	211	32.8		775	654	121	59	65	20	15	69
0096	3716.8	7446.7	X26892.6	Y41646.8	218	25.7		95	68	27	8	35	60	5	92
0097	3706.6	7450.3	X26895.4	Y41530.8	195	31.7	56.7	0	0	0	0	1	4	95	184
0098	3651.9	7448.4	X26868.7	Y41379.1	180	27.3		524	107	417	218	60	1	39	23
0099	3641.8	7450.3	X26865.0	Y41269.4	149	25.2		55	53	2	2	80	1	19	92
0100	3638.8	7448.9	X26855.7	Y41241.5	188	27.3	58.1	159	159	0	0	85	2	13	69
0101	3636.7	7449.1	X26854.2	Y41219.4	155	29.0		178	178	0	0	1	98	1	345
0102	3634.1	7446.9	X26842.0	Y41198.0	4	42.7		0	0	0	0	4	1	95	230
0103	3636.5	7446.2	X26841.7	Y41224.3	341	43.7	58.6	0	0	0	0	5	0	95	230
0104	3638.3	7447.0	X26847.0	Y41240.9	344	32.3		31	31	0	0	10	0	90	69
0105	3640.8	7446.3	X26846.8	Y41268.3	355	36.6		996	789	207	3	20	0	80	161
0106	3645.9	7446.7	X26854.3	Y41320.2	358	36.6	57.4	1	1	0	0	1	0	99	184
0107	3700.6	7454.2	X26905.0	Y41459.0	333	25.7		161	161	0	0	70	0	30	92
0108	3710.4	7447.1	X26886.0	Y41577.6	352	33.9		2	1	1	0	1	0	99	161
0109	3718.1	7446.8	X26894.8	Y41660.5	12	28.4	56.7	267	188	79	16	70	10	20	138
0110	3736.1	7438.4	X26879.8	Y41868.1	306	30.6		420	259	161	61	50	0	50	92
0111	3740.7	7443.4	X26910.7	Y41910.2	33	26.8		70	26	44	40	40	30	30	161
0112	3746.1	7439.0	X26897.1	Y41975.2	242	27.9	54.9	204	137	67	50	15	5	80	161
0113	3745.8	7440.6	X26904.5	Y41969.7	21	27.3		87	56	31	26	10	5	85	94
* 0114	3751.0	7441.2	X26915.4	Y42025.4	72	24.1		217	174	43	22	15	5	80	69
0115	3754.1	7431.1	X26869.1	Y42072.4	141	29.0	55.0	178	89	89	54	15	0	85	115
0116	3756.0	7433.3	X26883.1	Y42090.0	60	26.8		107	24	83	61	15	5	80	69
0117	3758.4	7427.3	X26855.9	Y42123.5	42	28.4		165	48	117	95	15	0	85	161
0118	3800.8	7424.9	X26847.0	Y42152.1	61	27.9	54.3	349	175	174	85	90	5	5	138
0119	3800.8	7422.6	X26835.0	Y42154.9	9	29.0		394	106	288	148	85	5	10	115
* 0120	3808.0	7420.9	X26836.3	Y42233.9	22	23.0		76	16	60	43	95	3	2	276

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	Station Data							Number of Scallops				By-Catch			
	Position		Loran			Depth	Bottom Temp	Total	<90mm	>90mm	>100mm	Shell	Stone	Inverts	Total
Station	Lat.	Long.	TD's		heading	(FM)	(F)	No.	>40ct	<40ct	<30ct	(Percentage)			Vol.(lt)
0121	3813.5	7418.3	X26830.4	Y42295.5	56	24.6	52.3	832	84	748	706	95	2	3	161
0122	3815.9	7414.5	X26813.2	Y42325.0	76	27.3		1804	212	1592	1484	92	3	5	115
0123	3821.2	7410.8	X26800.5	Y42384.8	250	28.4		2232	116	2116	1976	5	5	90	92
0124	3820.8	7414.5	X26820.3	Y42377.2	308	29.5	50.5	538	36	502	487	15	5	80	322
* 0125	3823.7	7419.0	X26849.5	Y42404.2	93	23.0		642	74	568	472	40	0	60	230
0126	3823.9	7413.6	X26819.9	Y42411.1	132	28.4		814	38	776	744	10	0	90	299
0127	3826.1	7406.1	X26781.2	Y42440.8	269	30.1	49.3	1632	138	1494	1365	25	0	75	92
0128	3825.8	7408.3	X26793.1	Y42435.8	276	30.1		1904	216	1688	1556	20	0	80	161
0129	3825.8	7410.6	X26806.0	Y42433.9	343	27.9		1023	171	852	732	30	0	70	69
0130	3828.5	7412.4	X26820.1	Y42461.1	299	27.9	50.9	1260	99	1161	1089	30	45	25	276
* 0131	3833.3	7421.2	X26877.4	Y42505.8	48	24.1		57	22	35	21	60	5	35	46
* 0132	3839.0	7413.3	X26841.7	Y42572.7	148	23.5		734	74	660	522	35	5	60	138
0133	3836.2	7411.6	X26827.4	Y42543.9	85	26.8	50.4	530	32	498	476	20	0	80	253
0134	3836.5	7409.3	X26814.7	Y42548.7	154	27.9		400	23	377	349	5	0	95	299
0135	3834.1	7406.9	X26797.3	Y42524.9	131	29.0		415	167	248	203	5	0	95	253
* 0136	3831.7	7403.4	X26773.8	Y42502.1	204	32.3	49.1	1716	741	975	855	2	0	98	138
0137	3828.4	7405.5	X26781.1	Y42465.6	96	31.2		1996	164	1832	1732	1	0	99	161
0138	3828.6	7403.8	X26771.7	Y42469.1	105	30.6		1624	56	1568	1404	5	0	95	92
0139	3828.6	7401.2	X26757.0	Y42471.1	103	29.5	48.2	2192	156	2036	1860	50	25	25	69
0140	3828.2	7356.9	X26732.1	Y42470.3	65	29.5		3348	664	2684	1896	50	5	45	92
0141	3831.1	7355.2	X26726.1	Y42501.8	46	29.0		1892	404	1488	1148	65	25	10	92
0142	3833.5	7354.2	X26723.4	Y42527.6	259	29.5	48.7	5760	590	5170	4370	80	10	10	46
0143	3833.7	7357.0	X26739.8	Y42527.7	264	29.0		2580	144	2436	2172	50	25	25	115
0144	3833.8	7400.8	X26761.8	Y42526.1	272	29.5		326	30	296	284	10	5	85	276
0145	3833.0	7402.5	X26770.4	Y42516.4	341	31.2	48.2	362	38	324	302	10	5	85	299
0146	3836.6	7401.3	X26768.6	Y42555.2	133	28.4		0	0	0	0	0	0	0	0
0147	3835.7	7401.2	X26766.8	Y42545.8	299	29.0		1062	654	408	194	10	5	85	207
0148	3836.0	7358.2	X26749.8	Y42551.0	295	26.8		1224	39	1185	1098	20	5	75	207
0149	3836.1	7351.2	X26709.3	Y42556.7	98	31.7	47.8	4164	294	3870	3396	10	10	80	184
0150	3836.2	7349.3	X26698.4	Y42559.0	105	31.2		3948	616	3332	2499	40	10	50	69
0151	3836.2	7342.8	X26660.4	Y42563.2	7	31.2		2892	804	2088	1302	10	10	80	81
0152	3838.7	7342.2	X26659.7	Y42589.2	345	33.9	50.0	3736	1000	2736	1728	5	0	95	115
0153	3841.0	7346.2	X26686.1	Y42610.5	322	29.0		1100	270	830	720	40	0	60	115
0154	3838.3	7351.9	X26716.2	Y42579.1	313	27.9		1311	24	1287	1236	15	0	85	345
0155	3838.4	7354.4	X26730.9	Y42578.6	342	26.2	47.5	2058	60	1998	1908	40	0	60	92
* 0156	3843.0	7402.2	X26783.2	Y42622.1	337	26.8		1322	30	1292	1216	10	0	90	322
* 0157	3848.0	7408.1	X26826.0	Y42671.8	333	24.1		440	78	362	269	60	0	40	92
* 0158	3849.2	7353.1	X26738.1	Y42692.0	152	24.6	46.6	234	97	137	131	15	10	75	230
0159	3848.8	7343.1	X26677.1	Y42692.5	142	29.0		498	81	417	372	20	5	75	414
0160	3848.9	7335.3	X26630.0	Y42697.1	162	30.1		626	89	537	480	50	25	25	253

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	Station Data							Number of Scallops				By-Catch			
	Position		Loran			Depth	Bottom Temp	Total	<90mm	>90mm	>100mm	Shell	Stone	Inverts	Total
Station	Lat.	Long.	TD's		heading	(FM)	(F)	No.	>40ct	<40ct	<30ct	(Percentage)			Vol.(lt)
0161	3850.6	7334.9	X26629.4	Y42714.5	321	30.6	46.6	159	93	66	46	5	5	90	460
0162	3853.5	7336.8	X26644.4	Y42743.3	10	24.6		41	10	31	22	5	10	85	828
0163	3855.7	7336.2	X26643.3	Y42766.0	324	24.6		41	12	29	18	1	0	99	460
* 0164	3901.3	7341.7	X26684.7	Y42821.5	63	23.0	46.9	112	43	69	47	1	0	99	644
0165	3858.9	7333.4	X26629.7	Y42799.4	83	26.8		111	26	85	57	1	0	99	644
0166	3858.9	7331.1	X26615.3	Y42800.1	154	27.9		127	47	80	48	1	10	89	759
0167	3901.3	7326.2	X26587.2	Y42825.6	314	31.2	46.2	161	84	77	51	1	1	98	506
0168	3903.4	7328.2	X26602.2	Y42846.2	2	30.1		81	37	44	28	1	20	79	690
0169	3905.8	7326.5	X26594.0	Y42870.7	325	30.6		119	78	41	22	1	20	79	874
0170	3908.6	7326.3	X26595.9	Y42898.9	262	28.4	46.0	76	33	43	37	2	10	88	690
0171	3908.0	7330.3	X26620.9	Y42892.2	344	26.8		74	15	59	57	5	15	80	552
* 0172	3915.7	7333.2	X26649.6	Y42969.7	49	25.2		72	34	38	25	3	5	92	690
* 0173	3921.4	7324.8	X26601.4	Y43027.0	154	26.8	46.0	32	6	26	23	1	5	94	1104
0174	3916.7	7319.3	X26559.3	Y42980.2	152	28.4		126	65	61	45	2	15	83	1012
0175	3913.1	7314.4	X26523.4	Y42944.8	346	33.9		934	772	162	124	2	13	85	322
0176	3918.4	7314.1	X26526.7	Y42996.9	269	33.9	45.5	372	304	68	44	2	1	97	506
0177	3923.6	7317.1	X26552.4	Y43048.3	95	29.5		34	13	21	20	1	1	98	1104
0178	3924.4	7314.7	X26537.0	Y43055.9	165	30.1		26	10	16	16	1	1	98	1242
0179	3918.6	7310.7	X26504.3	Y42998.8	71	35.0	47.5	421	243	178	138	1	4	95	529
0180	3920.8	7305.2	X26469.6	Y43020.0	20	31.2		474	264	210	162	20	75	5	161
0181	3931.0	7258.0	X26429.2	Y43117.1	313	33.4		257	74	183	159	4	1	95	161
0182	3936.3	7300.6	X26452.1	Y43168.4	55	36.1	45.3	80	9	71	66	2	1	97	483
0183	3938.3	7256.8	X26427.2	Y43186.2	21	35.0		342	96	246	193	2	1	97	276
0184	3943.6	7252.1	X26398.4	Y43234.5	278	38.3		8	1	7	7	9	1	90	230
0185	3945.9	7302.8	X26477.7	Y43260.9	193	29.0	45.5	74	18	56	52	4	1	95	414
0186	3939.4	7303.0	X26472.1	Y43198.8	214	25.2		25	1	24	23	1	10	89	966
0187	3935.8	7304.4	X26478.2	Y43164.7	186	25.7		25	4	21	14	1	10	89	782
0188	3933.1	7312.2	X26529.7	Y43140.6	314	21.9	45.7	18	9	9	5	1	5	94	598
0189	3935.6	7314.2	X26546.6	Y43165.6	309	21.9		34	8	26	15	1	10	89	644
0190	3948.2	7318.4	X26593.5	Y43290.1	336	23.5		696	231	465	159	1	5	94	322
0191	3955.2	7319.6	X26613.1	Y43358.9	129	27.9	46.8	276	107	169	122	1	80	19	483
0192	3953.5	7315.8	X26582.5	Y43340.3	132	27.9		450	227	223	154	2	80	18	322
0193	3954.2	7310.6	X26545.2	Y43344.2	132	29.5		296	83	213	157	10	80	10	138
0194	3956.3	7310.2	X26545.3	Y43364.1	287	42.1	45.3	6	6	0	0	1	0	99	46
0195	3958.4	7314.1	X26577.4	Y43386.6	267	32.8		5	4	1	0	10	0	90	46
0196	4008.9	7318.1	X26625.2	Y43490.2	217	22.4		29	5	24	22	1	1	98	1012
0197	4003.2	7328.1	X26690.4	Y43442.3	287	42.7	45.9	0	0	0	0	0	0	100	184
0198	4006.2	7331.9	X26724.8	Y43474.4	134	28.4		60	14	46	12	2	1	97	115
0199	4003.9	7341.8	X26794.0	Y43458.5	268	18.6		47	10	37	34	1	2	97	1196
0200	4008.4	7348.9	X26857.2	Y43508.6	345	16.4	53.6	54	35	19	19	1	1	98	460

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Station Data								Number of Scallops				By-Catch			
	Position		Loran			Depth	Bottom Temp	Total	<90mm	>90mm	>100mm	Shell	Stone	Inverts	Total
Station	Lat.	Long.	TD's		heading	(FM)	(F)	No.	>40ct	<40ct	<30ct	(Percentage)			Vol.(lt)
0201	4011.1	7345.0	X26834.3	Y43532.8	156	22.4		7	4	3	3	40	5	55	69
0202	4013.4	7338.6	X26791.1	Y43550.5	337	17.5		5	1	4	4	95	1	4	115
0203	4015.6	7330.8	X26736.1	Y43565.4	329	15.9	52.3	5	5	0	0	2	0	98	1058
0204	4023.5	7324.0	X26700.2	Y43635.0	170	15.9		15	11	4	2	3	0	97	1081
0205	4016.8	7309.2	X26570.4	Y43557.6	156	21.3		17	13	4	4	1	0	99	460
0206	4010.4	7300.9	X26495.4	Y43490.7	46	26.8	46.0	97	4	93	90	1	0	99	1150
0207	4005.8	7253.4	X26431.3	Y43442.2	39	26.8		22	3	19	19	1	0	99	414
0208	3959.3	7258.1	X26458.9	Y43385.0	221	29.5		95	12	83	68	1	0	99	345
0209	3956.9	7254.9	X26432.1	Y43360.5	153	28.4	46.6	159	41	118	80	2	0	98	276
0210	3951.3	7258.8	X26454.7	Y43310.2	124	39.9		5	1	4	4	5	0	95	368
0211	3948.9	7251.6	X26399.5	Y43283.9	140	33.9		293	61	232	206	5	0	95	414
0212	3951.3	7247.7	X26373.2	Y43304.3	144	29.0	46.8	117	7	110	97	10	0	90	115
0213	3955.9	7233.7	X26273.3	Y43338.4	73	33.4		381	145	236	95	30	30	40	276
0214	3958.8	7222.5	X26191.4	Y43357.4	316	38.3		1	0	1	0	90	1	9	150
0215	4005.8	7222.8	X26197.1	Y43419.4	304	36.1	52.3	222	78	144	104	2	1	97	276
0216	4001.3	7231.5	X26260.3	Y43385.6	232	36.1		29	11	18	9	9	1	90	230
0217	4000.8	7234.1	X26279.6	Y43382.9	341	35.0		284	62	222	126	4	1	95	368
0218	4006.4	7232.5	X26271.7	Y43431.9	286	31.2	50.9	93	3	90	89	4	1	95	437
0219	4008.3	7238.6	X26320.3	Y43453.6	346	30.6		88	4	84	83	2	1	97	644
0220	4013.7	7241.2	X26346.2	Y43504.3	74	30.1		112	10	102	85	5	30	65	276
0221	4016.2	7229.2	X26254.4	Y43516.0	156	30.1	50.0	46	0	46	46	1	4	95	736
0222	4018.7	7221.1	X26192.4	Y43530.5	97	29.5		49	0	49	49	1	1	98	368
0223	4019.2	7213.4	X26131.6	Y43527.7	132	32.8		86	2	84	71	1	0	99	460
0224	4006.5	7215.4	X26140.9	Y43420.0	136	37.7	52.5	0	0	0	0	30	0	70	276
0225	4006.2	7209.6	X26096.6	Y43413.1	73	38.3		5	5	0	0	30	0	70	368
0226	4005.8	7203.5	X26050.3	Y43405.2	26	38.3		62	16	46	44	10	0	90	276
0227	4011.3	7157.3	X26003.4	Y43447.0	31	38.3	52.5	0	0	0	0	60	0	40	92
0228	4021.3	7151.2	X25956.5	Y43524.9	261	38.8		0	0	0	0	60	0	40	9
0229	4026.6	7204.6	X26065.6	Y43581.6	274	32.8		1	1	0	0	30	0	70	161
0230	4033.4	7213.1	X26140.5	Y43647.3	346	28.4	47.7	29	2	27	25	10	0	90	230
0231	4042.9	7217.1	X26185.3	Y43731.1	52	24.6		101	11	90	86	2	1	97	782
0232	4038.9	7205.1	X26079.4	Y43683.7	60	27.3		39	13	26	22	5	0	95	368
0233	4041.1	7201.3	X26049.6	Y43697.1	122	26.8	47.5	170	70	100	43	5	0	95	690
0234	4041.0	7156.3	X26007.4	Y43690.4	273	26.8		204	21	183	121	2	1	97	460
0235	4045.7	7207.3	X26105.7	Y43741.8	16	24.1		62	9	53	48	1	4	95	690
0236	4051.6	7203.7	X26082.8	Y43784.6	89	19.7	50.9	17	5	12	12	2	1	97	506
0237	4056.6	7155.4	X26018.0	Y43812.9	142	16.4		1	1	0	0	3	0	97	46
0238	4052.0	7148.8	X25954.5	Y43768.3	204	24.6		26	6	20	19	6	4	90	276
0239	4046.4	7150.2	X25960.6	Y43726.1	135	26.8	48.0	38	12	26	17	20	40	40	276
0240	4046.8	7142.7	X25896.9	Y43720.1	192	33.4		2	1	1	0	30	5	65	69

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	Station Data							Number of Scallops				By-Catch			
	Position		Loran			Depth	Bottom Temp	Total	<90mm	>90mm	>100mm	Shell	Stone	Inverts	Total
Station	Lat.	Long.	TD's		heading	(FM)	(F)	No.	>40ct	<40ct	<30ct	(Percentage)			Vol.(lt)
0241	4038.5	7143.0	X25894.4	Y43655.2	33	35.5		0	0	0	0	0	0	0	0
0242	4038.7	7142.9	X25893.6	Y43656.7	24	35.0		2	1	1	0	5	0	95	115
0243	4041.4	7139.0	X25862.3	Y43673.5	162	37.2		0	0	0	0	5	0	95	161
0244	4036.6	7135.2	X25829.2	Y43631.7	162	39.4		0	0	0	0	1	0	99	81
0245	4026.2	7125.7	X25755.0	Y43540.5	134	38.8		0	0	0	0	1	0	99	40
0246	4035.7	6959.2	W14110.0	Y43532.0	38	31.2	47.7	0	0	0	0	35	0	65	92
0247	4039.0	6955.6	W14079.4	Y43551.3	113	28.4		1	0	1	0	2	0	98	92
0248	4028.7	6952.8	W14100.2	Y43478.9	89	38.3		0	0	0	0	50	0	50	23
0249	4028.9	6949.0	W14079.6	Y43477.3	144	38.8	47.5	0	0	0	0	100	0	0	5
0250	4021.0	6942.8	W14074.3	Y43419.1	18	39.4		0	0	0	0	99	0	1	966
0251	4028.2	6939.1	W14030.7	Y43465.1	346	37.7		4	1	3	3	99	0	1	920
0252	4033.8	6939.9	W14015.3	Y43503.2	254	35.0	48.7	952	1	951	951	75	0	25	460
* 0253	4033.9	6942.7	W14029.5	Y43506.1	9	35.0		976	1	975	975	10	0	90	276
0254	4038.8	6940.4	W14000.0	Y43536.8	54	29.0		0	0	0	0	5	0	95	276
0255	4040.8	6935.0	W13964.6	Y43545.4	206	26.8	52.9	1	1	0	0	1	0	99	920
0256	4036.7	6937.1	W13990.4	Y43520.2	133	32.3		0	0	0	0	35	0	65	35
0257	4031.7	6929.1	W13967.2	Y43480.8	135	32.3		11	1	10	10	45	0	55	92
0258	4026.0	6923.2	W13957.6	Y43439.0	27	38.3	48.6	3	0	3	3	40	0	60	115
0259	4030.5	6912.9	W13889.9	Y43461.1	353	39.4		26	0	26	26	49	1	50	46
0260	4035.5	6913.2	W13873.0	Y43493.5	8	31.7		50	3	47	41	45	1	54	115
0261	4033.8	6919.3	W13909.9	Y43487.1	176	30.6	52.7	97	3	94	94	20	0	80	161
0262	4035.7	6923.4	W13923.7	Y43502.6	52	28.4		46	0	46	46	5	0	95	345
* 0263	4039.0	6916.9	W13878.6	Y43518.8	63	31.2		127	3	124	117	5	0	95	184
* 0264	4040.9	6913.3	W13853.3	Y43528.1	27	33.9	51.8	206	19	187	171	1	0	99	598
* 0265	4042.9	6917.0	W13864.4	Y43543.9	335	30.6		133	9	124	121	50	0	50	46
* 0266	4045.0	6917.2	W13857.4	Y43557.5	3	31.7		434	77	357	253	30	40	30	161
* 0267	4048.3	6917.8	W13847.8	Y43579.0	121	30.1	53.4	673	243	430	316	20	40	40	736
* 0268	4048.1	6908.2	W13799.9	Y43569.4	217	36.1		583	7	576	552	30	30	40	276
0269	4046.5	6911.5	W13822.7	Y43562.2	120	37.2		1878	537	1341	1095	70	10	20	518
0270	4046.8	6908.6	W13807.0	Y43561.6	161	39.4	51.8	433	32	401	374	20	70	10	276
* 0271	4046.0	6909.4	W13814.1	Y43557.2	165	39.9		1086	27	1059	1026	40	40	20	299
* 0272	4044.7	6909.0	W13817.1	Y43548.7	96	38.8		393	85	308	275	35	30	35	161
* 0273	4044.4	6903.3	W13789.8	Y43542.2	219	45.9	51.1	239	12	227	224	45	40	15	184
0274	4031.1	6903.5	W13841.2	Y43458.2	87	41.6		1	0	1	1	75	1	24	322
0275	4031.7	6853.2	W13788.7	Y43454.9	155	38.8		10	0	10	10	85	1	14	276
0276	4028.6	6851.5	W13792.1	Y43434.3	73	40.5	49.8	0	0	0	0	95	1	4	207
0277	4031.3	6845.6	W13753.7	Y43447.2	98	38.3		1	0	1	1	95	1	4	322
0278	4028.8	6825.6	W13669.1	Y43419.0	57	50.3		21	21	0	0	98	1	1	460
0279	4036.0	6809.2	W13566.1	Y43452.0	106	50.3	48.9	9	4	5	4	80	0	20	207
0280	4033.5	6749.6	W13489.0	Y43425.4	69	51.4		8	8	0	0	80	0	20	276

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	Station Data							Number of Scallops				By-Catch			
	Position		Loran			Depth	Bottom Temp	Total	<90mm	>90mm	>100mm	Shell	Stone	Inverts	Total
Station	Lat.	Long.	TD's		heading	(FM)	(F)	No.	>40ct	<40ct	<30ct	(Percentage)			Vol.(lt)
0281	4035.4	6740.9	W13443.8	Y43431.3	356	51.9		0	0	0	0	0	0	0	0
0282	4037.0	6741.3	W13439.0	Y43440.6	115	43.7		55	35	20	4	90	0	10	92
0283	4043.8	6744.4	W13424.5	Y43481.3	233	38.3		286	67	219	180	60	0	40	69
0284	4036.2	6800.2	W13524.9	Y43447.5	249	49.2		14	1	13	12	70	20	10	736
0285	4033.6	6814.1	W13597.8	Y43440.8	279	51.4		2	1	1	0	80	0	20	46
0286	4038.6	6830.9	W13655.8	Y43482.0	287	34.4	49.5	13	0	13	13	60	0	40	115
0287	4041.3	6836.8	W13673.0	Y43502.6	249	32.3		53	23	30	30	10	10	80	138
0288	4036.1	6842.5	W13720.5	Y43474.9	330	33.4		60	3	57	54	15	5	80	23
0289	4038.9	6842.8	W13711.1	Y43492.3	332	33.9	50.2	61	9	52	50	10	5	85	115
0290	4041.1	6842.3	W13700.1	Y43505.4	271	35.0		30	1	29	28	30	20	50	207
0291	4043.3	6849.9	W13728.2	Y43524.7	319	36.6		57	11	46	41	55	15	30	92
0292	4048.2	6852.6	W13722.0	Y43557.0	317	36.1	52.7	229	70	159	125	15	85	0	368
0293	4051.2	6854.1	W13717.3	Y43576.7	47	37.7		162	56	106	52	15	75	10	391
0294	4053.0	6850.7	W13693.3	Y43584.8	314	37.7		649	66	583	554	35	25	40	161
0295	4058.9	6850.7	W13669.1	Y43620.7	122	37.7	56.7	1911	189	1722	1639	30	0	70	368
0296	4056.9	6844.9	W13648.9	Y43603.5	166	36.1		142	9	133	131	30	0	70	127
0297	4051.4	6845.5	W13674.4	Y43570.8	82	35.5		155	9	146	146	25	30	45	184
0298	4051.6	6841.2	W13652.7	Y43568.4	180	37.2	57.6	19	0	19	19	50	35	15	104
0299	4048.6	6759.0	W13468.9	Y43518.6	46	36.6		80	4	76	68	95	0	5	1012
0300	4053.6	6751.5	W13414.5	Y43541.8	100	32.3		48	2	46	46	60	0	40	138
0301	4053.3	6749.0	W13404.7	Y43538.3	118	33.9	51.1	105	1	104	103	40	0	60	161
0302	4053.5	6735.7	W13346.1	Y43530.1	81	38.8		51	13	38	37	30	0	70	86
0303	4055.8	6725.4	W13292.5	Y43535.7	65	41.0		148	82	66	62	50	0	50	69
0304	4054.1	6716.8	W13264.1	Y43520.6	178	45.4	49.1	117	41	76	74	85	5	10	161
0305	4048.9	6722.9	W13311.7	Y43496.1	147	47.6		18	0	18	16	80	15	5	460
0306	4038.5	6715.1	W13323.0	Y43434.0	54	55.8		6	6	0	0	97	0	3	46
0307	4043.5	6705.4	W13262.8	Y43455.9	83	55.2	55.8	24	24	0	0	98	0	2	920
0308	4048.5	6650.5	W13182.7	Y43474.2	326	56.3		15	15	0	0	98	0	2	173
0309	4053.1	6656.4	W13186.1	Y43502.2	334	49.2		0	0	0	0	98	0	2	46
0310	4058.8	6653.2	W13148.7	Y43530.4	108	39.9	49.5	149	11	138	52	35	0	65	46
0311	4056.8	6647.0	W13133.3	Y43515.9	173	47.0		0	0	0	0	95	0	5	45
0312	4051.0	6645.3	W13151.9	Y43484.4	40	58.0		5	5	0	0	98	0	2	12
0313	4100.8	6632.4	W13060.2	Y43527.6	257	52.5	50.0	0	0	0	0	0	0	0	0
0314	4100.4	6635.2	W13072.5	Y43527.3	43	46.5		0	0	0	0	0	0	0	0
0315	4101.1	6633.2	W13061.9	Y43529.7	75	48.1		41	40	1	0	75	20	5	1334
0316	4100.8	6643.0	W13100.4	Y43534.3	11	39.9		97	37	60	22	50	0	50	23
0317	4103.7	6642.2	W13084.5	Y43548.8	255	41.6		31	10	21	3	50	0	50	46
0318	4103.3	6647.4	W13106.3	Y43550.2	356	40.5	49.6	159	10	149	80	50	0	50	92
* 0319	4107.4	6649.2	W13094.9	Y43572.7	318	39.9		81	1	80	77	40	0	60	115
0320	4108.5	6650.8	W13096.2	Y43579.5	249	38.3		45	3	42	40	30	0	70	46

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	Station Data								Number of Scallops				By-Catch			
		Position		Loran			Depth	Bottom Temp	Total	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone	Inverts	Total
Station		Lat.	Long.	TD's		heading	(FM)	(F)	No.				(Percentage)			Vol.(lt)
	0321	4106.8	6654.5	W13118.4	Y43573.2	210	38.8	49.6	138	2	136	136	30	0	70	138
*	0322	4104.5	6652.7	W13121.6	Y43560.0	243	38.8		201	0	201	194	60	0	40	115
	0323	4100.7	6658.0	W13159.3	Y43543.5	305	38.3		413	7	406	395	30	0	70	92
	0324	4103.2	6702.2	W13165.0	Y43559.6	11	37.7	49.8	41	3	38	34	80	0	20	138
	0325	4107.9	6658.7	W13130.0	Y43581.9	14	37.2		134	7	127	124	80	0	20	138
	0326	4105.6	6704.0	W13161.5	Y43573.5	306	35.5		156	1	155	153	30	0	70	138
	0327	4108.5	6706.3	W13157.8	Y43590.5	236	35.5	51.6	58	0	58	58	60	0	40	104
	0328	4105.9	6709.9	W13184.0	Y43579.3	272	34.4		144	1	143	143	70	0	30	368
	0329	4108.1	6720.8	W13219.1	Y43599.1	353	31.7		3	1	2	2	30	0	70	161
	0330	4114.1	6719.4	W13186.1	Y43630.1	149	27.3	54.9	4	0	4	4	15	0	85	621
	0331	4111.0	6713.3	W13175.0	Y43608.9	55	32.3		22	0	22	22	85	0	15	460
	0332	4113.6	6709.5	W13147.6	Y43619.8	94	32.3		7	0	7	7	35	0	65	173
	0333	4113.9	6654.8	W13087.4	Y43610.4	102	37.2	51.4	40	0	40	39	15	0	85	58
	0334	4113.4	6645.2	W13052.3	Y43600.9	40	39.9		1	0	1	1	2	0	98	23
	0335	4115.6	6642.9	W13033.4	Y43610.5	2	41.0		189	6	183	179	45	0	55	276
	0336	4121.9	6642.1	W13001.2	Y43641.9	256	43.2	48.6	7	1	6	5	95	0	5	23
	0337	4121.6	6648.3	W13026.5	Y43645.1	197	38.8		100	0	100	100	30	0	70	48
	0338	4119.1	6649.8	W13043.9	Y43633.4	265	39.4		145	0	145	145	20	0	80	69
	0339	4118.1	6652.7	W13059.8	Y43630.5	5	38.3	50.0	121	0	121	121	25	0	75	81
	0340	4123.1	6650.4	W13027.6	Y43654.3	325	39.4		109	2	107	105	95	0	5	460
	0341	4126.3	6652.8	W13021.9	Y43672.5	213	37.7		64	0	64	64	75	0	25	92
	0342	4118.6	6656.3	W13071.7	Y43635.8	264	37.2	52.9	3	0	3	3	99	0	1	1
	0343	4118.5	6701.9	W13094.4	Y43639.6	251	35.0		18	0	18	18	1	0	99	345
	0344	4118.2	6705.8	W13111.5	Y43641.0	279	32.3		2	0	2	2	1	0	99	1472
	0345	4121.1	6715.8	W13138.8	Y43664.2	78	26.8	56.8	0	0	0	0	25	0	75	322
	0346	4123.8	6705.6	W13084.5	Y43670.0	83	32.8		0	0	0	0	1	0	99	1932
	0347	4123.4	6700.3	W13065.2	Y43663.6	282	34.4		3	0	3	3	1	0	99	874
	0348	4126.3	6706.7	W13077.2	Y43683.8	12	30.1	54.5	0	0	0	0	1	0	99	1840
	0349	4133.1	6705.6	W13040.3	Y43717.7	329	31.7		0	0	0	0	20	0	80	184
	0350	4138.7	6709.2	W13027.6	Y43749.4	48	31.7		0	0	0	0	80	0	20	69
	0351	4145.5	6658.3	W12950.4	Y43773.7	312	30.1	57.0	0	0	0	0	95	0	5	161
	0352	4139.3	6653.4	W12961.7	Y43738.5	181	35.5		0	0	0	0	5	0	95	161
	0353	4131.4	6657.1	W13014.5	Y43701.9	154	36.1		2	0	2	2	75	0	25	207
	0354	4128.6	6643.2	W12973.9	Y43676.5	95	41.0	51.4	95	0	95	95	90	0	10	196
	0355	4129.1	6636.9	W12947.6	Y43674.1	209	43.2		107	1	106	105	90	0	10	138
	0356	4126.7	6637.3	W12960.5	Y43662.4	140	45.4		241	2	239	239	95	0	5	391
	0357	4124.0	6631.1	W12950.0	Y43644.3	193	50.9	49.3	143	1	142	131	85	0	15	138
	0358	4118.9	6628.7	W12964.8	Y43617.0	216	51.4		0	0	0	0	0	0	0	0
	0359	4118.4	6629.1	W12968.6	Y43614.8	43	50.3		700	140	560	546	85	0	15	92
	0360	4111.8	6635.5	W13022.7	Y43585.9	129	47.0		959	183	776	632	85	0	15	92

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Station Data								Number of Scallops				By-Catch			
	Position		Loran			Depth	Bottom Temp	Total	<90mm	>90mm	>100mm	Shell	Stone	Inverts	Total
Station	Lat.	Long.	TD's		heading	(FM)	(F)	No.	>40ct	<40ct	<30ct	(Percentage)			Vol.(lt)
0361	4109.0	6630.9	W13018.1	Y43568.6	16	50.3	50.2	49	22	27	26	95	0	5	414
0362	4113.0	6628.7	W12991.8	Y43587.4	345	50.3		14	14	0	0	100	0	0	1
0363	4114.0	6628.0	W12984.7	Y43591.9	26	50.3		47	47	0	0	98	0	2	35
0364	4120.6	6623.1	W12936.4	Y43621.6	16	51.9		491	390	101	94	90	0	10	138
0365	4126.1	6617.8	W12891.6	Y43644.9	256	49.8	49.5	0	0	0	0	0	0	0	0
0366	4125.7	6619.5	W12899.6	Y43644.2	51	50.3		1	0	1	1	98	0	2	10
0367	4125.8	6624.0	W12915.5	Y43648.0	310	52.5		56	7	49	41	95	3	2	1104
0368	4131.3	6633.7	W12925.2	Y43682.5	88	45.9		72	1	71	71	90	0	10	644
0369	4130.9	6627.0	W12902.3	Y43675.3	46	49.2	48.6	31	0	31	31	95	0	5	207
0370	4133.6	6617.4	W12854.7	Y43681.2	48	48.1		211	18	193	103	60	0	40	161
0371	4138.6	6557.2	W12760.7	Y43690.0	277	57.4		1	1	0	0	99	0	1	35
0372	4138.5	6606.7	W12793.7	Y43696.7	344	53.0	47.8	47	5	42	40	60	0	40	92
0373	4143.9	6610.4	W12780.4	Y43725.3	54	48.7		131	23	108	80	70	0	30	69
0374	4151.3	6556.2	W12695.8	Y43748.7	358	55.2		157	95	62	53	10	80	10	736
0375	4156.3	6607.8	W12710.2	Y43781.5	219	50.9	46.6	485	471	14	10	30	50	20	368
0376	4143.4	6622.3	W12825.0	Y43732.4	297	43.2		41	2	39	38	60	20	20	69
0377	4148.4	6628.8	W12823.9	Y43761.9	9	41.6		106	11	95	91	5	90	5	253
0378	4201.1	6623.7	W12741.5	Y43817.7	50	46.5	45.1	2124	1044	1080	324	10	85	5	322
0379	4203.8	6606.4	W12667.5	Y43815.0	306	51.4		1102	866	236	120	2	95	3	322
0380	4205.9	6612.8	W12678.7	Y43830.3	222	54.1		3572	2684	888	632	2	96	2	506
0381	4204.2	6616.2	W12699.2	Y43825.5	230	47.0	45.7	5320	2730	2590	380	2	3	95	644
0382	4203.8	6630.0	W12750.3	Y43836.1	266	47.0		3832	2128	1704	488	96	2	2	184
0383	4200.5	6636.4	W12790.7	Y43826.5	344	42.1		288	99	189	129	6	88	6	322
0384	4203.4	6635.7	W12773.2	Y43839.5	285	41.6	45.3	199	153	46	33	6	90	4	276
0385	4203.5	6642.0	W12796.1	Y43846.0	292	41.6		433	101	332	202	3	92	5	414
0386	4203.3	6647.5	W12817.9	Y43850.3	7	40.5		1850	1560	290	130	60	30	10	368
0387	4208.1	6645.8	W12786.4	Y43871.4	278	43.7	47.3	594	509	85	18	10	70	20	1001
0388	4206.7	6648.4	W12803.6	Y43867.3	227	37.2		3017	1169	1848	770	30	50	20	943
0389	4203.9	6650.9	W12827.8	Y43856.4	332	37.2		1089	753	336	180	30	60	10	1012
0390	4206.6	6652.6	W12820.2	Y43871.0	252	35.0	43.5	7475	3432	4043	1391	60	25	15	575
0391	4206.6	6654.4	W12827.2	Y43872.8	264	35.0		6620	4060	2560	1060	60	25	15	506
0392	4206.1	6700.8	W12854.9	Y43876.8	16	33.4		1533	741	792	558	85	10	5	1196
0393	4209.1	6659.9	W12835.5	Y43890.2	237	45.4	46.2	576	441	135	96	50	30	20	552
0394	4206.9	6702.0	W12855.4	Y43881.8	235	33.9		756	388	368	280	20	60	20	920
0395	4201.0	6706.6	W12904.6	Y43857.9	324	26.2		3	1	2	2	15	0	85	138
0396	4202.9	6708.9	W12904.0	Y43869.5	27	29.0	53.6	463	12	451	438	95	0	5	1794
0397	4205.5	6706.2	W12879.5	Y43879.3	324	29.0		1270	258	1012	866	60	0	40	127
0398	4208.2	6708.6	W12874.9	Y43894.8	285	43.2		101	4	97	96	1	98	1	1242
0399	4208.2	6708.4	W12874.1	Y43894.6	291	41.6		837	60	777	759	3	95	2	368
0400	4208.3	6712.5	W12890.2	Y43899.4	287	50.3	42.4	1205	4	1201	1201	5	5	90	460

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	Station Data							Number of Scallops				By-Catch			
	Position		Loran TD's			Depth	Bottom Temp	Total	<90mm	>90mm	>100mm	Shell	Stone	Inverts	Total
Station	Lat.	Long.			heading	(FM)	(F)	No.	>40ct	<40ct	<30ct	(Percentage)			Vol.(lt)
* 0401	4208.3	6714.2	W12897.1	Y43901.2	250	50.9		179	9	170	166	2	3	95	184
0402	4206.6	6716.0	W12913.5	Y43894.8	239	33.9		655	9	646	637	5	5	90	552
0403	4205.8	6718.6	W12928.5	Y43893.6	267	29.0	51.3	1480	4	1476	1448	80	10	10	506
0404	4205.7	6721.0	W12939.0	Y43895.7	293	32.3		434	236	198	129	5	90	5	644
0405	4203.9	6721.0	W12948.4	Y43886.8	97	27.3		807	276	531	415	6	90	4	598
0406	4203.6	6718.8	W12940.9	Y43883.0	74	27.9	54.7	2568	56	2512	2472	94	2	4	322
0407	4204.0	6715.0	W12923.1	Y43881.1	129	25.7		2627	57	2570	2508	93	2	5	414
0408	4201.8	6713.0	W12926.4	Y43868.2	141	27.9		1868	204	1664	1548	85	5	10	1012
0409	4158.5	6710.4	W12932.9	Y43849.4	313	31.2	59.2	0	0	0	0	0	0	0	0
0410	4159.1	6710.2	W12929.0	Y43852.2	277	30.1		221	23	198	158	95	2	3	1702
0411	4200.8	6714.0	W12935.7	Y43864.4	309	26.2		1104	129	975	828	95	0	5	437
0412	4201.5	6716.4	W12941.9	Y43870.2	199	24.6		2094	192	1902	1710	90	5	5	598
0413	4158.2	6718.4	W12967.3	Y43856.0	319	29.0	57.2	644	128	516	492	85	10	5	1196
0414	4201.1	6722.5	W12969.4	Y43874.6	268	26.8		830	406	424	248	80	5	15	828
0415	4200.8	6724.8	W12980.6	Y43875.5	360	25.7		1172	280	892	456	20	60	20	920
0416	4200.6	6724.6	W12980.8	Y43874.3	5	25.2		872	352	520	288	60	25	15	828
0417	4203.8	6724.6	W12964.1	Y43890.1	260	29.0	48.4	231	67	164	136	40	40	20	828
0418	4203.5	6734.4	W13007.4	Y43899.1	249	49.2		121	7	114	109	2	0	98	552
0419	4201.4	6737.3	W13031.0	Y43891.8	271	33.4		157	99	58	49	50	0	50	81
0420	4201.3	6738.7	W13037.6	Y43892.8	220	37.2	55.2	108	69	39	36	10	0	90	207
0421	4201.5	6742.2	W13051.9	Y43897.6	253	49.8		79	19	60	46	20	0	80	184
0422	4158.7	6739.9	W13056.4	Y43881.0	267	25.7		1	1	0	0	0	95	5	368
0423	4159.3	6746.2	W13081.1	Y43890.8	231	44.3	45.0	127	116	11	9	5	0	95	46
0424	4158.8	6749.9	W13100.2	Y43892.3	233	54.1		11	5	6	4	1	0	99	184
0425	4156.1	6746.4	W13098.5	Y43874.7	314	27.3		8	1	7	6	1	0	99	1104
0426	4156.4	6748.3	W13105.4	Y43878.3	247	31.7	46.0	15	0	15	14	12	0	88	322
0427	4156.4	6752.7	W13125.2	Y43883.1	237	46.5		0	0	0	0	0	0	0	0
0428	4154.1	6750.4	W13126.7	Y43868.8	224	26.2		8	0	8	6	5	0	95	621
0429	4151.3	6754.1	W13157.6	Y43858.3	226	27.9	54.1	51	0	51	41	70	0	30	460
0430	4148.8	6757.6	W13186.1	Y43849.0	286	26.2		3	0	3	3	2	0	98	1242
0431	4151.1	6757.8	W13175.4	Y43861.3	271	32.3		64	1	63	60	3	0	97	414
0432	4151.6	6807.1	W13215.8	Y43874.1	257	77.6	43.5	1	0	1	1	50	0	50	1
0433	4148.1	6807.1	W13233.5	Y43855.6	60	35.0		50	5	45	39	5	0	95	368
0434	4148.5	6805.4	W13223.5	Y43855.9	221	35.0		25	1	24	22	3	0	97	322
0435	4146.0	6809.2	W13253.7	Y43846.8	264	30.1	57.0	23	0	23	23	3	0	97	506
0436	4144.1	6815.9	W13294.7	Y43843.9	238	32.8		20	0	20	20	4	0	96	69
0437	4144.2	6818.2	W13305.2	Y43847.0	234	39.9		1	0	1	1	2	0	98	253
0438	4134.4	6830.7	W13412.9	Y43806.9	181	59.1	43.3	4	0	4	4	1	0	99	92
0439	4131.1	6830.5	W13427.5	Y43788.3	267	54.1		1	0	1	1	2	0	98	12
0440	4131.5	6834.5	W13445.2	Y43794.8	206	60.1		3	0	3	3	2	0	98	230

ALBATROSS IV 2006 SEA SCALLOP SURVEY
July 13 - August 11

Station Data								Number of Scallops				By-Catch			
	Position		Loran			Depth	Bottom Temp	Total	<90mm	>90mm	>100mm	Shell	Stone	Inverts	Total
Station	Lat.	Long.	TD's		heading	(FM)	(F)	No.	>40ct	<40ct	<30ct	(Percentage)			Vol.(lt)
0441	4128.6	6836.8	W13470.0	Y43780.9	87	54.1	42.8	43	0	43	43	1	0	99	483
0442	4128.7	6831.3	W13442.6	Y43775.7	121	50.3		39	2	37	36	1	0	99	161
0443	4129.1	6823.3	W13402.1	Y43769.6	157	26.8		57	2	55	55	20	0	80	322
0444	4126.5	6824.7	W13421.0	Y43756.5	168	36.1	53.1	13	0	13	13	2	0	98	460
0445	4121.7	6822.1	W13430.7	Y43726.9	235	32.3		23	2	21	19	1	0	99	1564
0446	4116.3	6830.8	W13496.8	Y43704.6	353	30.1		2	0	2	2	2	0	98	184
0447	4121.2	6830.4	W13472.8	Y43732.3	193	37.7	48.4	550	10	540	526	50	0	50	276
0448	4123.9	6831.3	W13464.8	Y43748.5	255	43.2		209	22	187	183	40	0	60	115
0449	4123.9	6838.6	W13500.5	Y43756.0	150	51.4		51	13	38	38	50	0	50	207
0450	4121.9	6836.4	W13498.8	Y43742.3	181	44.3	45.1	317	51	266	263	60	0	40	69
0451	4118.8	6836.1	W13511.3	Y43724.2	261	39.4		128	6	122	119	40	0	60	69
0452	4119.1	6839.9	W13528.6	Y43729.8	231	43.2		572	23	549	545	60	0	40	115
0453	4116.4	6844.7	W13564.3	Y43718.9	109	43.2	45.9	909	4	905	894	25	0	75	506
0454	4116.6	6840.9	W13544.7	Y43716.3	160	39.4		70	9	61	60	30	60	10	368
0455	4114.0	6839.2	W13547.9	Y43699.5	135	33.9		213	6	207	203	50	0	50	69
0456	4111.1	6833.9	W13534.9	Y43677.5	256	34.4	57.9	753	64	689	662	15	0	85	207
0457	4111.1	6838.1	W13555.2	Y43681.5	285	32.3		268	66	202	199	30	0	70	69
0458	4111.6	6842.3	W13573.6	Y43688.5	178	36.1		1048	136	912	818	10	0	90	230
0459	4109.0	6841.7	W13582.0	Y43672.6	358	35.5	50.9	712	43	669	628	75	10	15	276
0460	4111.1	6849.1	W13609.4	Y43692.1	229	46.5		0	0	0	0	0	0	0	0
0461	4110.9	6849.4	W13611.7	Y43691.2	71	47.0		0	0	0	0	0	0	0	0
0462	4115.7	6854.8	W13617.9	Y43725.0	190	59.1	43.3	268	8	260	259	85	0	15	69
0463	4109.4	6854.5	W13643.7	Y43687.3	191	54.1		43	1	42	41	2	0	98	345
0464	4106.9	6852.3	W13643.4	Y43670.2	187	44.3		71	16	55	48	20	0	80	115
0465	4104.2	6851.4	W13650.4	Y43653.2	122	38.8	54.9	186	16	170	160	10	60	30	506
0466	4103.8	6843.8	W13614.6	Y43643.8	145	35.5		98	5	93	88	5	5	90	368
0467	4101.2	6844.1	W13627.0	Y43628.6	260	37.7		556	14	542	524	65	10	25	506
0468	4100.8	6850.3	W13659.2	Y43631.8	318	38.3	55.9	1272	67	1205	1151	40	0	60	207
0469	4103.6	6852.3	W13657.4	Y43650.4	259	38.3		586	34	552	521	25	50	25	368
0470	4103.2	6856.6	W13680.5	Y43652.1	309	44.3		2127	177	1950	1860	40	0	60	92
0471	4103.0	6856.5	W13680.8	Y43650.8	311	44.8		1296	78	1218	1143	35	5	60	138
0472	4145.5	6952.6	W13793.8	Y43972.3	344	14.2		1	1	0	0	2	0	98	368
0473	4148.3	6950.5	W13768.9	Y43985.9	350	39.9	44.1	1	0	1	1	30	60	10	92
0474	4150.6	6951.2	W13762.1	Y44000.5	8	31.2		111	46	65	59	50	0	50	92
0475	4153.0	6950.9	W13749.1	Y44014.1	349	34.4		19	14	5	5	30	60	10	207
0476	4155.6	6950.3	W13733.3	Y44028.3	330	39.4	43.9	6	1	5	5	15	80	5	299
0477	4201.0	6954.5	W13731.4	Y44065.7	120	36.6		0	0	0	0	5	90	5	414
0478	4156.6	6949.1	W13721.6	Y44032.4	132	51.4		28	12	16	15	92	2	6	92
0479	4154.0	6946.5	W13719.2	Y44013.6	174	62.9	43.2	8	0	8	7	90	5	5	92
0480	4144.2	6945.1	W13757.4	Y43954.2	120	47.0		22	17	5	5	40	50	10	115

ALBATROSS IV 2006 SEA SCALLOP SURVEY
July 13 - August 11

Station Data								Number of Scallops				By-Catch			
	Position		Loran			Depth	Bottom Temp	Total	<90mm	>90mm	>100mm	Shell	Stone	Inverts	Total
Station	Lat.	Long.	TD's		heading	(FM)	(F)	No.	>40ct	<40ct	<30ct	(Percentage)			Vol.(lt)
0481	4135.9	6938.0	W13755.8	Y43895.3	305	29.0		361	139	222	164	10	85	5	207
0482	4136.6	6939.4	W13760.4	Y43901.3	126	29.5		1065	308	757	565	15	40	45	322
0483	4130.9	6937.6	W13776.0	Y43864.7	297	17.5		0	0	0	0	0	99	1	1150
0484	4131.5	6938.3	W13777.1	Y43869.2	118	17.5		18	10	8	7	3	90	7	460
0485	4131.2	6934.7	W13758.8	Y43862.9	10	21.3		41	7	34	21	5	55	40	736
0486	4133.7	6934.8	W13748.1	Y43878.0	4	27.3		411	146	265	236	37	30	33	138
0487	4136.7	6934.8	W13734.5	Y43895.9	174	38.3		179	66	113	104	5	80	15	276
0488	4135.5	6934.6	W13738.9	Y43888.5	332	33.9		218	152	66	54	20	70	10	529
0489	4138.4	6930.1	W13701.1	Y43900.0	298	53.6		6	4	2	2	50	45	5	460
0490	4138.6	6930.5	W13702.3	Y43901.7	120	54.1		7	4	3	3	15	25	60	414
0491	4136.1	6925.0	W13683.9	Y43879.9	104	56.3	43.0	2	2	0	0	70	20	10	598
0492	4133.8	6929.1	W13716.6	Y43871.5	79	32.8		74	43	31	30	50	25	25	598
0493	4131.1	6924.8	W13705.6	Y43850.1	109	34.4		283	271	12	11	30	60	10	299
0494	4131.2	6924.0	W13700.8	Y43849.7	349	37.7		267	22	245	238	20	70	10	644
0495	4129.1	6921.1	W13694.7	Y43833.7	147	42.7		380	23	357	353	80	10	10	127
0496	4128.2	6920.2	W13694.0	Y43827.3	335	43.7		112	14	98	96	60	5	35	35
0497	4128.6	6926.9	W13728.0	Y43837.7	188	23.5	45.9	239	108	131	86	20	40	40	621
0498	4126.1	6930.3	W13757.4	Y43826.7	338	19.7		40	24	16	13	30	40	30	506
0499	4126.5	6933.4	W13772.4	Y43832.9	103	16.4		101	25	76	64	15	45	40	644
0500	4124.3	6923.0	W13726.2	Y43807.2	152	25.2	46.6	587	80	507	431	50	5	45	138
0501	4121.8	6917.4	W13707.5	Y43785.8	109	56.3		65	37	28	19	94	4	2	460
0502	4121.2	6915.9	W13702.3	Y43780.5	324	58.0		0	0	0	0	0	0	0	0
0503	4122.1	6917.1	W13704.6	Y43787.2	120	59.1		49	38	11	8	98	0	2	644
0504	4119.4	6913.4	W13697.1	Y43766.9	108	55.8		0	0	0	0	0	0	100	1
0505	4119.0	6911.7	W13689.9	Y43762.6	317	57.4		756	14	742	740	80	0	20	322
0506	4116.3	6908.4	W13684.6	Y43742.8	210	53.6	43.0	41	6	35	34	95	0	5	46
0507	4113.1	6910.5	W13709.2	Y43725.8	200	49.8		14	4	10	8	95	0	5	81
0508	4110.9	6911.2	W13722.2	Y43713.2	183	46.5		17	4	13	13	98	0	2	23
0509	4110.6	6911.3	W13724.0	Y43711.4	10	45.4		15	7	8	8	96	0	4	46
0510	4108.5	6912.5	W13739.1	Y43699.9	158	33.9		40	28	12	9	3	80	17	598
0511	4108.6	6912.6	W13739.1	Y43700.6	342	33.9		20	12	8	5	15	70	15	690
0512	4108.9	6905.3	W13700.4	Y43695.0	67	57.4	43.7	65	1	64	64	25	65	10	138
0513	4111.4	6858.8	W13656.7	Y43703.5	183	54.1		1078	130	948	924	65	15	20	58
0514	4106.5	6857.9	W13673.1	Y43673.2	258	52.5		18	1	17	14	0	0	100	598
0515	4106.3	6859.3	W13681.0	Y43673.4	75	49.8		17	1	16	15	2	0	98	621
0516	4104.2	6908.9	W13738.5	Y43669.9	167	38.8	49.6	1572	990	582	459	10	60	30	805
0517	4103.5	6908.4	W13738.9	Y43665.2	336	41.0		722	300	422	372	10	40	50	644
0518	4101.9	6906.4	W13735.3	Y43653.4	151	43.7		244	74	170	128	30	40	30	345
0519	4101.0	6905.8	W13736.0	Y43647.3	340	42.7		154	34	120	100	10	60	30	345
0520	4055.6	6908.5	W13771.6	Y43616.5	2	37.2		122	70	52	23	20	60	20	207

ALBATROSS IV 2006 SEA SCALLOP SURVEY
July 13 - August 11

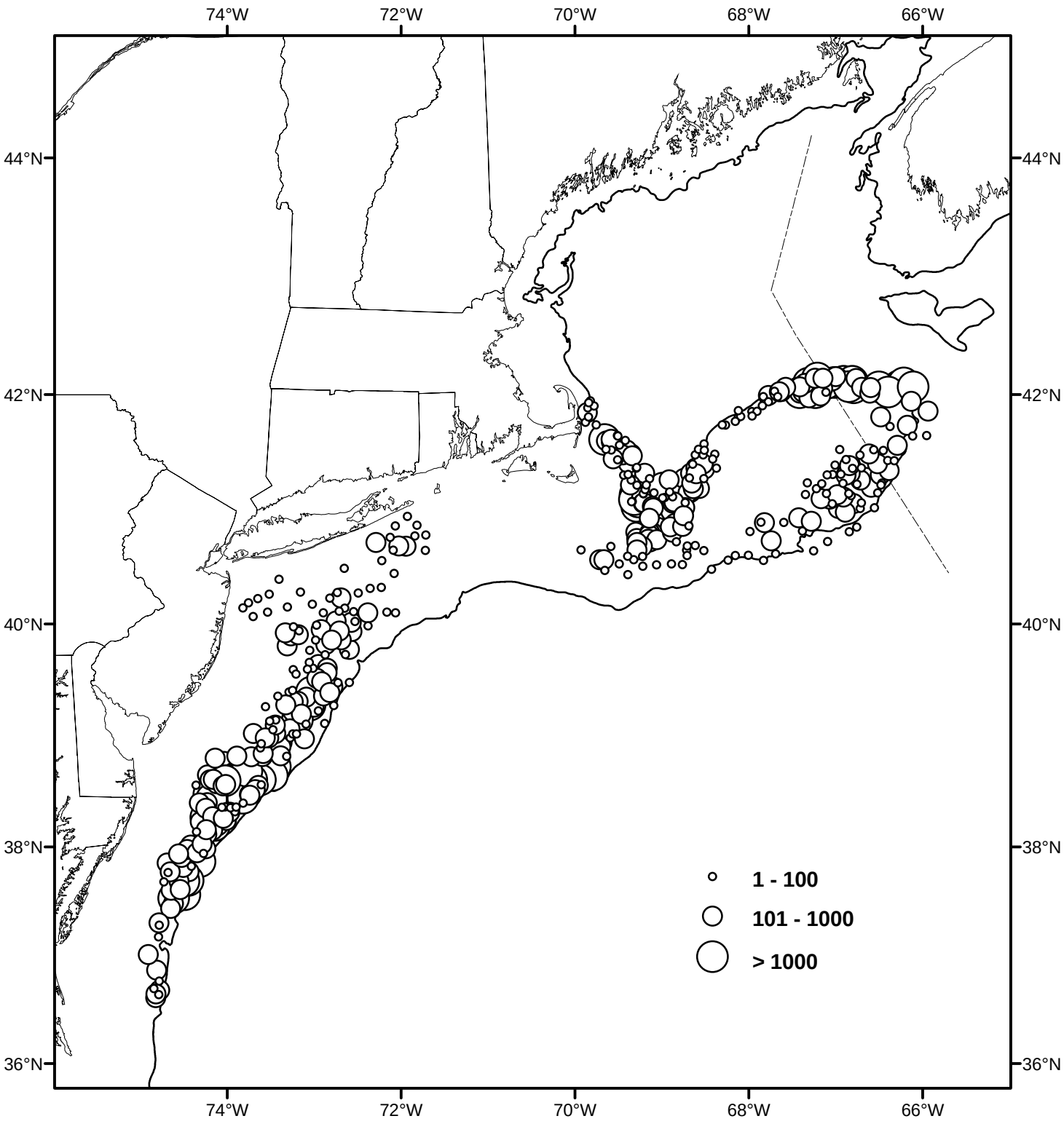
Station Data								Number of Scallops				By-Catch			
	Position		Loran			Depth	Bottom Temp	Total	<90mm	>90mm	>100mm	Shell	Stone	Inverts	Total
Station	Lat.	Long.	TD's		heading	(FM)	(F)	No.	>40ct	<40ct	<30ct	(Percentage)			Vol.(lt)
0521	4103.5	6912.6	W13760.4	Y43669.3	1	31.7	46.8	486	287	199	153	60	15	25	207
0522	4103.8	6912.3	W13757.6	Y43670.8	14	31.2		267	181	86	69	20	40	40	253
0523	4101.6	6915.2	W13781.5	Y43660.1	140	30.1		2359	1820	539	308	30	40	30	437
0524	4104.1	6916.0	W13775.4	Y43676.3	292	31.2		1389	960	429	294	20	40	40	437
0525	4101.9	6917.2	W13790.6	Y43663.9	146	30.6		1968	1533	435	228	30	40	30	598
0526	4104.3	6920.7	W13799.0	Y43682.3	199	22.4	52.3	1	1	0	0	98	0	2	184
0527	4104.4	6920.3	W13796.5	Y43682.5	218	19.7		6	5	1	1	80	5	15	46
0528	4106.4	6913.9	W13755.1	Y43688.4	265	28.4		681	244	437	392	35	60	5	414
0529	4105.9	6916.1	W13768.5	Y43687.6	286	30.6	52.7	3440	3104	336	240	60	30	10	368
0530	4105.4	6918.7	W13784.1	Y43687.1	344	27.9		1246	634	612	465	10	80	10	874
0531	4108.0	6918.3	W13771.2	Y43702.8	12	29.5		4400	4136	264	128	75	20	5	506
0532	4112.9	6916.9	W13743.3	Y43731.3	358	32.3	44.8	8	8	0	0	45	5	50	92
0533	4113.1	6921.4	W13766.0	Y43737.4	13	27.3		140	3	137	118	10	75	15	161
0534	4115.6	6921.0	W13753.3	Y43752.2	20	31.2		21	11	10	8	65	20	15	138
0535	4118.5	6923.0	W13751.4	Y43772.1	29	25.2	46.8	17	1	16	15	75	5	20	58
0536	4118.2	6926.2	W13769.7	Y43773.9	317	21.9		20	18	2	2	60	15	25	161
Total								285880	112052	171839	128964				

* Non-Random Station

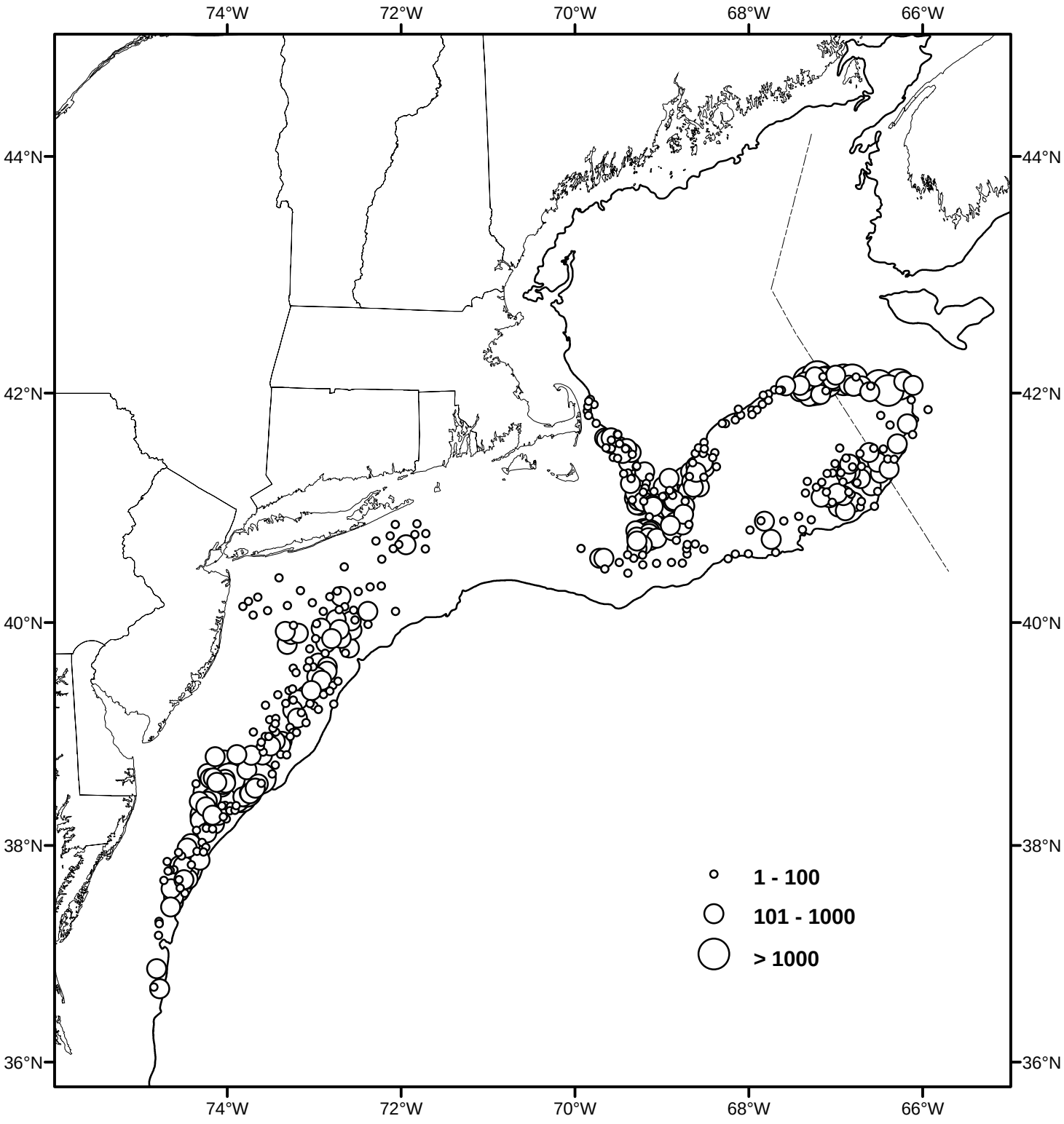
Stations with no scallop or by-catch data indicate a flipped or hung-up dredge.

Lorans are estimated from recorded latitude and longitude readings.

NEFSC SEA SCALLOP SURVEY 2006
NOAA Fisheries Service
SEA SCALLOPS - Number/Tow
Total Number



NEFSC SEA SCALLOP SURVEY 2006
NOAA Fisheries Service
SEA SCALLOPS - Number/Tow
Greater Than or Equal To 90 mm



NEFSC SEA SCALLOP SURVEY 2006
NOAA Fisheries Service
SEA SCALLOPS - Number/Tow
Less Than 90 mm