RESOURCE SURVEY REPORT
Catch Summary
NOAA Fisheries Service
Northeast Fisheries Science Center
Sea Scallop Survey
Cape Hatteras - Georges Bank
July 6 - August 12, 2005

Submitted to: NOAA, NEFSC

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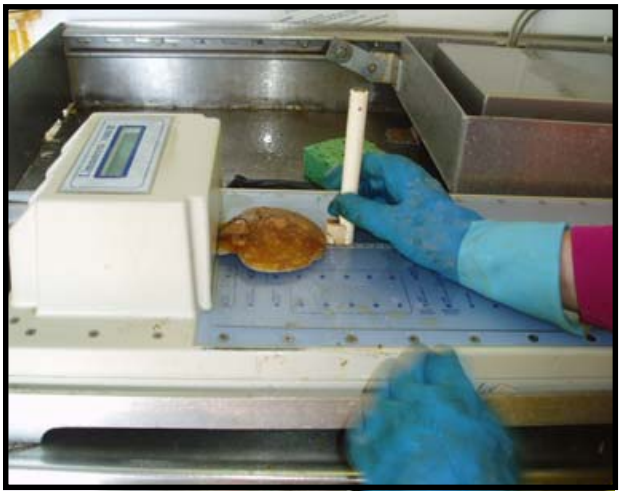
Date: 2005

Resource Survey Report

Sea Scallop Survey

Cape Hatteras - Georges Bank
July 6 - August 12, 2005
R/V ALBATROSS IV

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



New Electronic Measuring Boards

Old Manual Measuring Boards

Catch at selected non-random station in the Nantucket Lightship closed area

Random catch from Elephant Trunk Area

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The following field notes, charts, and station data indicate the distribution of sea scallops during the 2005 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 90mm (greater than 40 count), greater than 90mm (less than 40 count), and greater than or equal to 100mm (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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Field Notes

In an effort to share some of the natural history observations made during the sea scallop survey, we have requested that the Chief Scientists on each part of the cruise comment on some of the more interesting catches that were brought aboard the R/V ALBATROSS IV.

New Technology

Scallops were measured using electronic measuring boards for the first time this year. Lengths were input directly into the Fisheries Scientific Computer System to the nearest millimeter. This proved to be more efficient than the old method, which required manually entering each five-millimeter size grouping's tally into the database at the completion of each station.

Recruitment

Catches of scallops in the Hudson Canyon Restricted area were noticeably lighter this year. Just south, tows in the Elephant Trunk area appeared to have larger catches than observed the last few years.

Something Interesting

Leg II of the annual standard sea scallop survey was characterized by perfect weather and strong and efficient crew. We managed to make our way into Canadian waters for the second straight season. Also, we reoccupied stations in the three closed areas from last year and observed significant growth. Unfortunately, the only real strong recruitment of scallops north of Southern New England occurred on the Canadian side of Georges Bank.

Rock Chains

We conducted three more comparison tows for the rock chain calibration experiment. The new rock excluding design was used as the standard gear in the Great South Channel strata.

Young-of Year Atlantic Cod and Haddock

Throughout the survey area, a surprising number of small (1- 4 inch) cod and haddock were found mostly concentrated in the mid-Atlantic and Southern New England area. As compared to the 2003 scallop survey when 620 small cod were taken, the 2004 scallop survey caught only 5 young-of-year whereas this year over 350 were captured. The largest catches of these small cod were found at stations 78, 133, 152, 179, 478 and 499.

A dramatic increase in young haddock was also observed. In 2003, just under 700 small haddock were taken; in 2004, 120 small haddock were picked up and this year over 2,800 were identified. The largest haddock catches were found at stations 127, 159, 187, 214, 215 and 474. All of these stations were located south, east and north and outside of the mid-Atlantic closed area. Even though there were many more haddock taken this year they probably will not survive because they are distributed to the south of their optimal habitat. The number of young haddock on Georges this year was higher than 2004, but still well below the record 2003 year class. Catches of age 0+ are not used as an input in the stock assessment. However, age 0+ catches can provide indications of large recruitment events.

Fouled Scallop Shells

In the central and western part of the Nantucket Lightship (NLS) closed area as well as in the northern tip of Closed Area II, many large scallops (greater than 5 inches) were found with a variety of fouling organisms on them. Colonizing bryozoans (moss animals that look like orange or red scum growing on top of the scallops), hydroids, sea feathers, barnacles, anemones, horse mussels and sponges that were sometimes two to three times the size of the scallop itself were found growing on the shells. By-catch in the form of fish and substrate in the NLS area was also minimal (5 bushels) as opposed to 15 bushels in the northern tip of Closed Area I.

Paralytic Shellfish Poison Samples

Samples of shellfish were collected in waters from Georges Bank to east of Long Island in response to the 2005 summer red tide outbreak to assist other federal, state, and academic institutions in determining the extent of the bloom of *Alexandrium fundyense*, the organism responsible for paralytic shellfish poisoning (PSP). At five predetermined locations, a Rocking Chair dredge was deployed to collect the samples. In total, the dredge was set twenty-five times; 23 ocean quahogs and 28 scallops were captured. The Rocking Chair dredge is a non-hydraulic dredge with metal tines that sieve the sediment, but retain the shellfish.

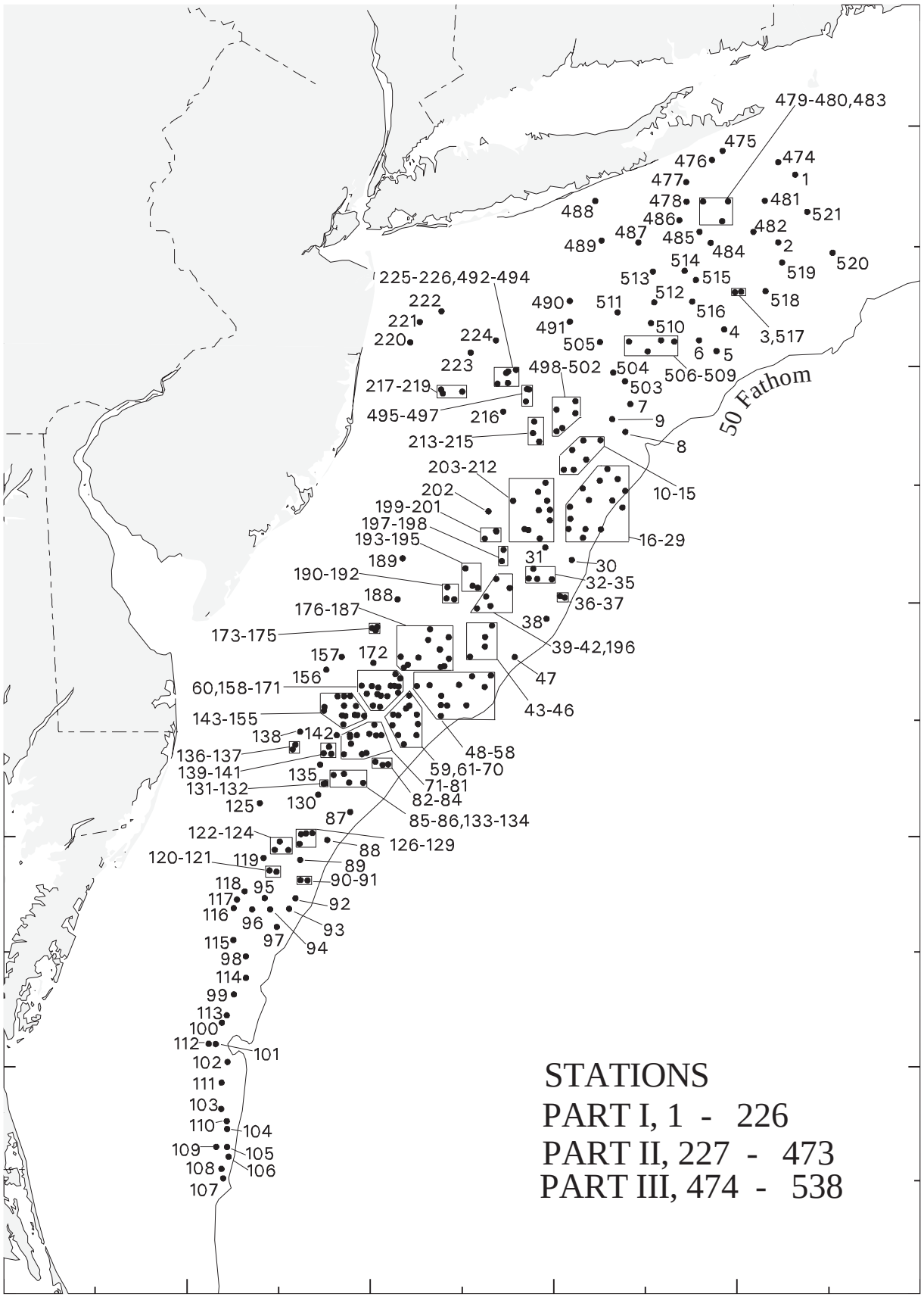

Figure 1. Dredge tows from the R/V ALBATROSS IV (05 - 06), during NOAA Fisheries Service, Northeast Fisheries Science Center, Sea Scallop Survey, July 6 - August 12, 2005.
Map 1 of 2

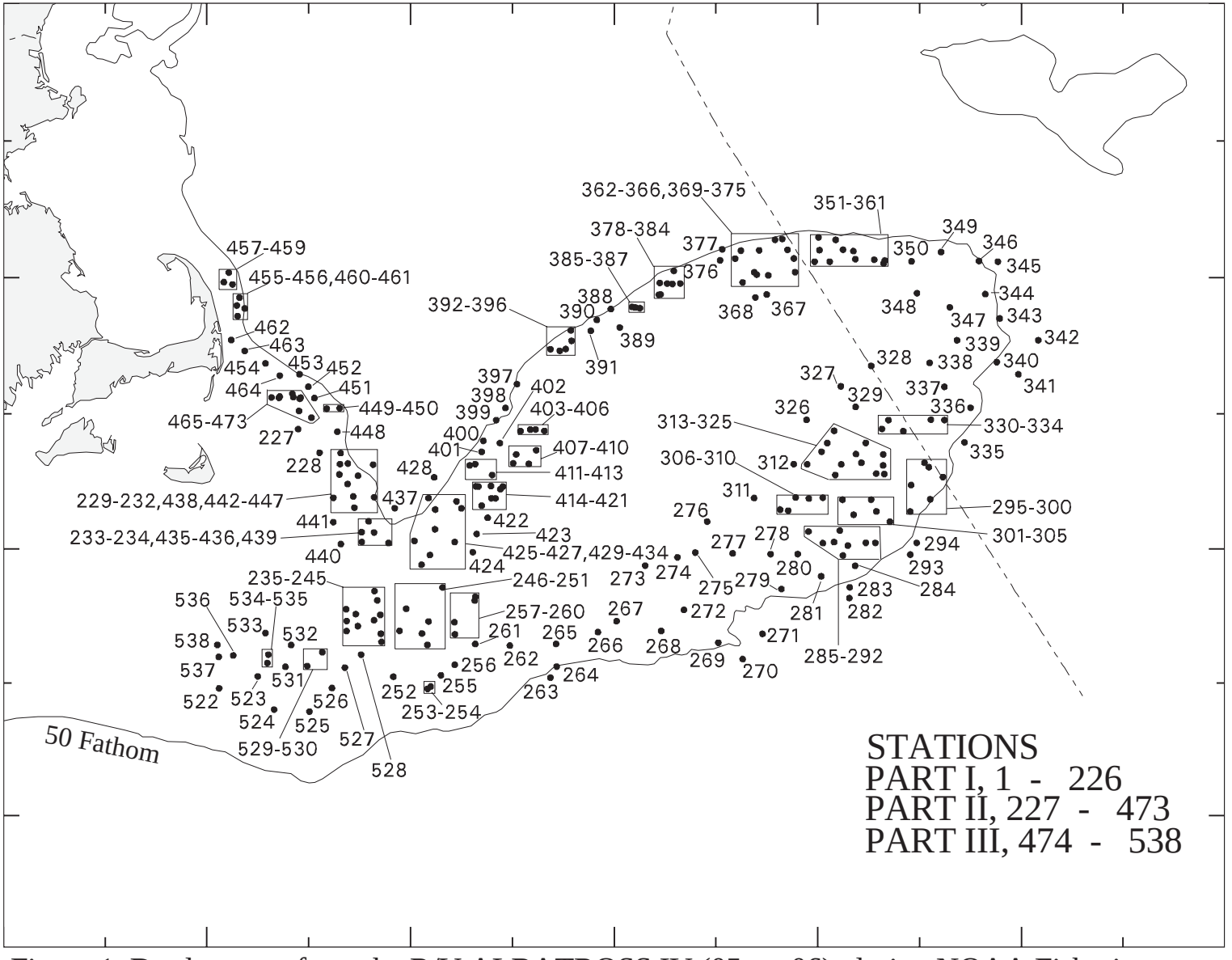

Figure 1. Dredge tows from the R/V ALBATROSS IV (05 - 06), during NOAA Fisheries Service, Northeast Fisheries Science Center, Sea Scallop Survey, July 6 - August 12, 2005.

Map 2 of 2

ALBATROSS IV 2005 SEA SCALLOP SURVEY
July 6 - August 12

	Station Data							Number of Scallops				Trash 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.(BU)
0001	4047.9	7141.0	X25883.3	Y43726.5	181.	33.9	45.3	4	2	2	0	25	0	75	58
0002	4031.0	7146.5	X25920.6	Y43599.1	215.	38.3		0	0	0	0	10	20	70	46
0003	4018.7	7158.6	X26014.4	Y43510.1	192.	33.9		6	1	5	0	50	40	10	92
0004	4009.2	7204.2	X26056.1	Y43434.7	206.	35.5	54.0	167	83	84	36	80	15	5	104
0005	4003.8	7206.7	X26074.3	Y43390.4	203.	39.9		0	0	0	0	50	40	10	138
0006	4006.5	7212.4	X26118.0	Y43417.8	220.	39.4		0	0	0	0	20	20	60	104
0007	3950.4	7234.9	X26278.8	Y43289.2	178.	32.8	53.4	786	269	517	368	50	25	25	115
0008	3943.4	7236.5	X26286.5	Y43226.1	321.	40.5		55	13	42	41	5	5	90	92
0009	3946.6	7240.8	X26319.3	Y43257.4	199.	32.8		395	67	328	283	10	5	85	92
0010	3941.3	7244.7	X26343.7	Y43210.0	237.	38.3	56.1	178	171	7	3	20	5	75	115
0011	3941.2	7250.2	X26382.8	Y43211.2	218.	38.8		75	22	53	44	10	10	80	207
0012	3938.9	7253.9	X26407.2	Y43190.9	226.	35.5		497	133	364	289	5	10	85	207
0013	3933.8	7256.6	X26421.9	Y43143.4	102.	33.4	53.1	311	35	276	240	10	70	20	184
0014	3933.8	7253.4	X26399.6	Y43142.5	87.3	32.3		463	48	415	321	40	20	40	69
0015	3936.4	7249.3	X26372.8	Y43165.8	111.	35.5		506	63	443	410	20	20	60	92
0016	3934.0	7242.4	X26323.1	Y43141.3	222	36.6	55.9	270	31	239	199	30	30	40	46
0017	3931.1	7244.9	X26338.9	Y43114.9	90.3	35.5		688	48	640	570	30	30	40	46
0018	3931.5	7239.0	X26298.4	Y43117.2	141.	41.0		111	96	15	12	45	5	50	161
0019	3928.5	7236.6	X26280.8	Y43088.9	179	50.3	54.9	0	0	0	0	5	0	95	184
0020	3924.3	7237.5	X26285.4	Y43050.2	318	56.9		0	0	0	0	5	0	95	92
0021	3926.1	7240.8	X26308.4	Y43067.4	255.	46.5		0	0	0	0	5	0	95	46
0022	3926.2	7248.4	X26360.0	Y43069.6	339.	37.2	55.8	711	576	135	99	25	50	25	184
0023	3929.1	7250.5	X26376.2	Y43097.4	199.	34.4		267	101	166	87	20	60	20	161
0024	3924.5	7254.7	X26401.7	Y43054.5	164.	38.8		191	84	107	94	5	5	90	161
0025	3921.4	7254.5	X26398.3	Y43024.9	170.	38.3	54.3	1438	1322	116	100	5	20	75	150
0026	3918.8	7255.1	X26400.6	Y43000.1	90.8	37.2		203	77	126	113	25	25	50	104
0027	3918.8	7249.6	X26364.0	Y42999.8	93.6	41.6		88	39	49	42	20	20	60	161
0028	3918.7	7244.5	X26330.1	Y42998.6	253.	49.2	55.6	0	0	0	0	5	5	90	161
0029	3916.6	7250.4	X26368.2	Y42979.0	208.	43.7		0	0	0	0	5	5	90	138
0030	3910.9	7254.0	X26388.7	Y42924.7	288	45.4		0	0	0	0	10	10	80	150
0031	3914.1	7302.7	X26447.6	Y42955.0	206.	39.4	52.7	477	369	108	74	10	10	80	138
0032	3908.7	7306.6	X26468.9	Y42902.3	208.	38.3		172	97	75	66	5	5	90	184
0033	3906.2	7308.1	X26476.6	Y42877.8	92.1	37.7		575	499	76	62	10	0	90	115
* 0034	3906.1	7305.4	X26459.2	Y42877.2	78.8	38.8	53.6	47	4	43	36	25	50	25	299
0035	3906.0	7300.5	X26427.7	Y42876.9	140.	42.1		19	19	0	0	5	0	95	161
* 0036	3901.7	7257.9	X26408.7	Y42835.9	89.1	42.7		10	10	0	0	5	0	95	161
0037	3901.4	7256.3	X26398.4	Y42833.3	225.	46.5	54.5	2	2	0	0	5	0	95	138
0038	3855.9	7302.3	X26433.0	Y42778.7	300.	45.4		97	96	1	0	5	0	95	92
0039	3903.8	7314.4	X26514.9	Y42853.1	252	37.7		91	40	51	38	20	10	70	138
0040	3901.6	7322.1	X26561.6	Y42829.6	221.	33.9	47.7	363	220	143	85	10	10	80	138

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July 6 - August 12

	Station Data							Number of Scallops				Trash By-Catch			
Station	Position Lat.	Position Long.	Loran TD's		heading	Depth (FM)	Bottom Temp (F)	Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell (Percentage)	Stone	Inverts	Total Vol.(BU)
0041	3858.6	7325.1	X26577.5	Y42798.8	84.9	33.4		293	153	140	114	20	40	40	276
0042	3859.2	7320.7	X26550.5	Y42806.0	175.	36.6		141	29	112	87	10	40	50	138
0043	3854.2	7320.2	X26542.7	Y42756.4	216	34.4	51.8	621	253	368	108	10	10	80	230
0044	3851.3	7322.4	X26553.7	Y42726.7	180.	35.0		546	139	407	118	10	60	30	69
0045	3848.8	7322.5	X26552.0	Y42701.6	234.	39.9		113	47	66	50	10	10	80	138
0046	3846.2	7327.4	X26579.4	Y42673.4	91.3	37.2	52.2	22	1	21	15	9	1	90	230
0047	3846.2	7312.7	X26490.5	Y42680.1	237.	43.7		30	30	0	0	5	0	95	150
0048	3841.4	7320.5	X26533.8	Y42628.8	210	42.7		5	4	1	1	10	0	90	150
0049	3838.5	7322.5	X26543.3	Y42598.8	322.	43.7	55.0	5	2	3	3	7	0	93	207
0050	3841.2	7326.7	X26570.5	Y42623.5	232.	41.0		90	72	18	17	10	5	85	161
0051	3839.0	7330.9	X26593.4	Y42599.0	216.	37.7		4167	3609	558	522	75	5	20	138
0052	3833.8	7328.5	X26574.6	Y42548.0	262.	44.8	55.4	749	749	0	0	50	0	50	104
0053	3833.7	7334.8	X26611.2	Y42542.9	211.	37.2		299	240	59	51	20	20	60	161
0054	3831.1	7336.9	X26620.8	Y42515.0	19.6	39.4		28	21	7	5	10	10	80	138
0055	3833.8	7336.9	X26623.5	Y42542.5	9.4	39.4	54.1	356	258	98	87	10	10	80	230
0056	3836.2	7336.7	X26624.7	Y42567.1	303.	35.5		6133	2463	3670	990	30	30	40	46
0057	3838.9	7340.5	X26650.0	Y42592.3	231.	33.9		6303	2753	3550	1853	10	10	80	46
0058	3838.7	7344.7	X26674.4	Y42587.7	196.	31.2	50.7	1815	315	1500	1245	10	10	80	150
0059	3836.3	7347.3	X26686.8	Y42561.3	278.	31.2		483	144	339	230	10	10	80	23
0060	3837.0	7350.9	X26708.7	Y42566.2	160.	29.0		1476	92	1384	1256	20	0	80	253
* 0061	3833.0	7348.3	X26688.7	Y42526.5	55.3	31.7	54.1	6236	2078	4158	1855	50	0	50	138
0062	3833.7	7347.2	X26683.2	Y42534.5	168.	31.7		11738	4976	6762	2114	50	0	50	92
0063	3831.4	7344.8	X26666.7	Y42512.5	174.	34.4		5517	2333	3184	1096	75	5	20	161
0064	3829.0	7344.4	X26661.7	Y42488.1	167.	36.1	56.1	917	287	630	296	25	5	70	150
0065	3826.1	7344.8	X26660.8	Y42458.0	231.	37.2		79	17	62	43	20	0	80	184
0066	3823.8	7349.0	X26682.1	Y42430.9	332.	37.7		32	3	29	29	10	10	80	207
0067	3826.1	7350.8	X26694.9	Y42453.2	2.4	33.4	50.7	3500	1064	2436	1736	10	10	80	46
0068	3828.7	7352.7	X26708.8	Y42478.7	322.	32.8		3115	770	2345	1414	10	20	70	69
0069	3831.2	7350.8	X26700.9	Y42506.1	269.	31.7		6929	2054	4875	2340	10	10	80	69
0070	3831.4	7352.5	X26710.9	Y42506.9	244.	30.1	48.6	4396	931	3465	2205	10	10	80	58
0071	3828.8	7358.6	X26742.5	Y42475.2	148.	27.9		1728	336	1392	1044	10	10	80	138
0072	3826.1	7356.4	X26726.6	Y42448.7	267.	31.7		3462	606	2856	2128	75	5	20	127
0073	3826.1	7358.1	X26736.2	Y42447.4	272.	31.2	48.9	824	56	768	652	12	3	85	230
0074	3826.5	7400.3	X26749.1	Y42449.8	232	29.0		1578	183	1395	1218	20	50	30	138
0075	3826.1	7404.4	X26771.7	Y42442.2	268.	32.3		459	67	392	363	25	0	75	276
0076	3826.2	7406.6	X26784.2	Y42441.4	156.	29.5	45.0					100	0	0	0
0077	3825.6	7406.6	X26783.3	Y42435.1	348.	29.5		3355	192	3163	2819	75	0	25	138
0078	3823.9	7406.3	X26779.3	Y42417.4	235	32.8		451	28	423	380	45	0	55	138
0079	3821.2	7408.6	X26788.3	Y42386.8	88.6	27.9		2175	610	1565	1460	10	10	80	69
0080	3821.2	7402.7	X26755.6	Y42392.1	100.	35.0	49.6	74	7	67	62	10	10	80	276

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Station	Station Data: Position Lat.	Position Long.	Loran TD's		heading	Depth (FM)	Bottom Temp (F)	Number of Scallops: Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Trash By-Catch: Shell (Percentage)	Stone (Percentage)	Inverts (Percentage)	Total Vol.(BU)
0081	3821.5	7401.3	X26748.2	Y42396.5	125.	34.4		49	11	38	27	10	10	80	253
0082	3818.6	7354.1	X26704.7	Y42372.7	268.	37.7		489	441	48	44	10	10	80	184
0083	3818.5	7355.9	X26714.5	Y42370.0	300.	37.7	51.6	33	22	11	10	10	10	80	138
0084	3819.3	7358.3	X26728.8	Y42376.1	213.	35.5		31	12	19	17	10	10	80	138
0085	3813.8	7402.3	X26744.0	Y42314.8	255.	39.4		296	176	120	102	10	10	80	138
0086	3813.9	7406.9	X26769.2	Y42311.3	171.	36.1	45.1	1290	600	690	645	10	10	80	69
0087	3806.3	7406.5	X26757.4	Y42231.7	217.	39.4		409	229	180	175	15	0	85	138
0088	3759.1	7414.0	X26787.9	Y42147.2	230.	38.8		1161	1066	95	89	25	0	75	184
0089	3753.9	7422.9	X26827.1	Y42080.8	160.	34.4	44.1	261	111	150	126	20	0	80	184
0090	3748.6	7420.5	X26807.9	Y42027.7	285.	36.6		4311	3950	361	288	55	0	45	69
0091	3748.7	7422.8	X26819.6	Y42025.6	160.	37.2		4350	4170	180	154	10	10	80	92
0092	3744.0	7424.4	X26821.6	Y41973.4	203.	36.6	44.2	1038	982	56	53	10	10	80	138
0093	3741.2	7426.5	X26828.4	Y41940.6	267.	35.0		795	695	100	93	10	10	80	92
0094	3741.1	7432.7	X26858.8	Y41930.4	329.	29.0		502	353	149	124	10	10	80	115
0095	3744.0	7434.5	X26871.8	Y41958.9	216	29.5	44.2	890	751	139	99	10	75	15	184
0096	3741.1	7438.6	X26887.8	Y41921.7	127.	30.6		204	53	151	118	10	10	80	184
0097	3736.5	7430.5	X26841.9	Y41884.6	214.	33.9		2350	2135	215	180	35	10	55	92
0098	3728.8	7440.7	X26880.7	Y41785.9	174.	30.6	44.2	669	474	195	149	55	0	45	92
0099	3718.9	7444.6	X26885.7	Y41673.1	213.	29.5		524	507	17	8	30	15	55	58
0100	3711.5	7448.5	X26893.8	Y41586.7	209.	30.1		2	1	1	0	5	5	90	184
0101	3705.9	7450.5	X26895.4	Y41523.0	152.	32.3	45.0	155	148	7	4	25	0	75	150
0102	3701.2	7446.7	X26872.5	Y41480.7	189.	37.7		318	318	0	0	30	5	65	115
0103	3648.9	7448.7	X26866.4	Y41347.0	176.	28.4		216	216	0	0	70	15	15	69
0104	3643.6	7446.8	X26852.1	Y41296.1	165.	35.5	47.5	561	561	0	0	30	10	60	161
0105	3638.9	7446.8	X26846.9	Y41247.5	185	33.9		363	363	0	0	20	10	70	138
0106	3636.3	7446.3	X26841.9	Y41222.0	195.	44.3		3	3	0	0	10	10	80	184
0107	3630.6	7448.1	X26843.3	Y41159.3	11.1	41.0	54.3	0	0	0	0	20	20	60	150
0108	3633.1	7448.6	X26848.1	Y41183.6	352.	27.3		55	55	0	0	75	10	15	69
0109	3638.9	7450.4	X26862.1	Y41239.0	6.1	27.3		22	22	0	0	20	20	60	69
0110	3645.7	7446.9	X26854.9	Y41317.7	5.3	36.1	46.4	24	24	0	0	30	30	40	138
0111	3655.8	7448.6	X26874.3	Y41419.7	345.	30.6		258	258	0	0	25	50	25	115
0112	3706.0	7452.8	X26905.9	Y41519.5	22.8	28.4		0	0	0	0	5	0	95	184
0113	3713.4	7446.9	X26889.0	Y41610.0	33.3	31.2	44.4	49	28	21	16	50	0	50	184
0114	3723.2	7440.7	X26873.2	Y41725.9	.3	32.3		618	422	196	173	20	10	70	92
0115	3733.1	7444.7	X26905.8	Y41825.8	1.1	31.2		59	13	46	30	20	20	60	69
0116	3741.4	7444.6	X26917.6	Y41916.1	38.1	25.7	47.1	99	31	68	43	20	20	60	92
0117	3743.6	7443.6	X26916.0	Y41941.5	79.3	25.7		52	22	30	22	10	10	80	92
0118	3745.7	7441.1	X26906.9	Y41967.9	33.8	27.3		43	11	32	32	10	10	80	69
0119	3754.4	7434.9	X26888.9	Y42070.7	108.	26.8	45.5	233	39	194	109	10	10	80	138
0120	3751.2	7432.9	X26874.1	Y42038.7	95.6	29.5		573	235	338	118	10	10	80	161

ALBATROSS IV 2005 SEA SCALLOP SURVEY
July 6 - August 12

	Station Data							Number of Scallops				Trash 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.(BU)
0121	3750.8	7430.7	X26862.4	Y42037.4	36.1	31.2		297	87	210	113	50	0	50	161
0122	3756.5	7431.2	X26873.2	Y42098.1	126.	28.4	45.0	276	76	200	98	55	0	45	115
0123	3756.5	7426.8	X26850.6	Y42103.7	318.	30.1		475	168	307	128	65	0	35	138
0124	3758.7	7429.6	X26868.2	Y42123.8	245.	27.9		150	72	78	32	50	0	50	92
* 0125	3808.6	7436.1	X26917.4	Y42223.6	131	21.3	49.5	78	78	0	0	25	50	25	230
0126	3800.6	7422.6	X26834.7	Y42152.8	184.	29.5		204	71	133	89	10	10	80	161
0127	3758.1	7423.1	X26833.8	Y42125.4	29.9	31.2		265	68	197	137	10	10	80	276
0128	3800.8	7421.0	X26826.7	Y42156.8	20.3	30.6	45.0	200	51	149	122	10	10	80	184
0129	3800.9	7418.9	X26815.9	Y42160.4	12.6	30.6		494	368	126	73	10	10	80	138
0130	3810.8	7417.0	X26819.5	Y42268.0	28.4	24.1		1260	140	1120	868	20	10	70	138
0131	3813.6	7415.2	X26813.8	Y42299.8	65.5	24.6									
0132	3813.7	7414.6	X26810.7	Y42301.4	231.	24.1		1228	236	992	752	20	10	70	92
0133	3816.1	7408.6	X26781.4	Y42332.8	262	35.5		304	13	291	281	15	0	85	230
0134	3815.9	7412.0	X26799.6	Y42327.4	304.	31.7		785	183	602	448	15	0	85	161
0135	3818.5	7416.3	X26826.8	Y42351.0	299.	28.4	45.5	1072	118	954	774	85	0	15	138
* 0136	3822.5	7425.4	X26882.8	Y42385.5	20.3	23.0						0	0	0	0
* 0137	3823.7	7424.5	X26879.9	Y42399.3	205.	23.0		204	58	146	108	55	25	20	138
* 0138	3827.0	7422.9	X26876.4	Y42436.4	133.	26.8		172	60	112	64	35	5	60	138
0139	3821.5	7415.2	X26825.2	Y42384.0	101	29.5	45.5	315	17	298	286	15	0	85	230
0140	3821.3	7412.7	X26811.1	Y42384.2	358.	30.1		2010	370	1640	1210	30	10	60	138
0141	3823.1	7413.5	X26818.2	Y42402.6	48.9	30.6		1305	141	1164	975	20	10	70	207
0142	3826.1	7410.9	X26808.1	Y42436.8	50.3	27.9	45.5	1588	396	1192	860	20	10	70	92
0143	3828.9	7408.7	X26799.8	Y42468.4	67.3	27.3		2247	245	2002	1869	20	10	70	138
0144	3831.1	7402.0	X26764.9	Y42496.8	275.	27.3		2499	448	2051	1715	20	10	70	46
* 0145	3831.3	7404.2	X26777.8	Y42497.2	242.	33.9	46.8	1209	72	1137	1095	30	30	40	184
0146	3831.3	7405.0	X26782.3	Y42496.6	252.	30.6		1471	214	1257	1224	25	0	75	138
0147	3831.1	7408.1	X26799.7	Y42492.2	276.	27.3						0	0	0	0
0148	3831.2	7409.2	X26806.1	Y42492.4	87.5	27.3		2544	758	1786	1669	75	0	25	161
* 0149	3832.4	7415.1	X26841.4	Y42500.7	4.8	23.5	46.2					0	0	0	0
* 0150	3833.3	7414.9	X26841.7	Y42510.5	185	25.7						0	0	0	0
0151	3833.7	7408.6	X26806.4	Y42519.4	98.1	27.3		2294	564	1730	1224	50	0	50	138
0152	3833.6	7404.6	X26783.3	Y42521.2	319.	30.6		213	125	88	86	25	25	50	184
0153	3836.2	7406.5	X26798.1	Y42547.4	275	29.0	45.1	461	93	368	255	25	10	65	161
0154	3836.1	7408.5	X26809.5	Y42545.0	282.	28.4		500	56	444	350	20	20	60	138
0155	3836.1	7410.7	X26822.1	Y42543.5	331.	27.9		536	60	476	372	20	10	70	46
* 0156	3842.9	7414.3	X26854.0	Y42613.8	81.4	21.9	46.8	300	91	209	190	20	20	60	115
* 0157	3846.2	7409.3	X26830.1	Y42652.0	145.	24.1		439	169	270	207	40	20	40	138
0158	3838.8	7402.8	X26780.5	Y42577.4	145.	27.3		2826	684	2142	1008	20	5	75	161
0159	3836.8	7401.1	X26767.7	Y42557.4	158.	28.4	46.0	644	302	342	312	30	10	60	161
0160	3833.7	7359.1	X26751.9	Y42526.2	89.1	28.4		1830	186	1644	1356	20	20	60	161

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July 6 - August 12

	Station Data							Number of Scallops				Trash By-Catch			
Station	Position Lat.	Long.	Loran TD's		heading	Depth (FM)	Bottom Temp (F)	Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone (Percentage)	Inverts	Total Vol.(BU)
0161	3833.4	7356.8	X26738.2	Y42524.7	38.8	29.0		4568	520	4048	3256	85	0	15	69
0162	3836.2	7354.4	X26728.0	Y42555.6	273.	28.4	49.8	1026	68	958	780	15	0	85	230
0163	3836.3	7356.5	X26740.4	Y42555.2	319.	26.8						0	0	0	0
0164	3836.6	7357.6	X26747.2	Y42557.7	158.	26.2		2004	83	1921	1623	25	0	75	276
0165	3838.7	7359.4	X26760.6	Y42578.5	96.6	27.3		1320	57	1263	1110	15	0	85	230
0166	3838.3	7357.3	X26747.7	Y42575.7	56.4	26.2	45.9	2860	40	2820	2570	25	0	75	138
0167	3838.8	7353.3	X26725.0	Y42583.4	100.	25.7						0	0	0	0
0168	3838.8	7352.0	X26717.4	Y42584.2	268.	26.2		1993	130	1863	1717	25	0	75	230
0169	3838.6	7350.7	X26709.5	Y42583.0	345.	28.4		715	67	648	506	15	0	85	299
0170	3840.7	7350.2	X26709.3	Y42605.1	315	26.8	46.9	3632	368	3264	1752	10	10	80	46
* 0171	3841.8	7351.7	X26719.6	Y42615.6	299.	24.6		1122	81	1041	636	10	10	80	207
* 0172	3844.7	7358.9	X26766.2	Y42641.9	355.	25.7		590	18	572	396	10	10	80	46
* 0173	3853.9	7357.7	X26772.8	Y42739.1	177.	23.0	46.6					0	0	0	0
* 0174	3853.0	7358.2	X26774.5	Y42729.4	311	21.9						0	0	0	0
* 0175	3853.6	7359.3	X26782.1	Y42735.3	132.	22.4		341	267	74	45	20	10	70	92
* 0176	3846.2	7350.0	X26715.3	Y42662.3	173.	25.2		1106	56	1050	594	40	20	40	276
0177	3843.5	7348.9	X26705.2	Y42634.8	38.8	26.8						0	0	0	0
0178	3844.2	7347.7	X26699.0	Y42642.8	222.	26.2		1296	87	1209	1029	50	0	50	138
0179	3846.0	7344.2	X26680.3	Y42663.2	121.	26.8	46.9	846	158	688	430	15	0	85	299
0180	3843.6	7336.9	X26633.8	Y42642.3	59.1	33.9						0	0	0	0
0181	3843.8	7335.7	X26626.8	Y42645.0	251.	34.4		4890	1344	3546	1566	50	0	50	150
0182	3845.7	7334.2	X26619.8	Y42665.1	318.	33.9		2392	128	2264	1864	25	0	75	161
0183	3848.1	7337.2	X26640.6	Y42688.1	9.4	29.5	50.0					0	0	0	0
0184	3848.1	7337.3	X26641.2	Y42688.0	33.1	29.5		251	89	162	130	20	20	60	334
0185	3851.2	7334.3	X26626.4	Y42720.9	267.	31.2		124	45	79	51	10	30	60	506
0186	3850.6	7341.0	X26666.6	Y42711.9	359.	24.6		107	22	85	71	20	10	70	414
0187	3853.3	7340.4	X26666.3	Y42739.9	320.	26.2	46.9	105	7	98	90	10	10	80	322
0188	3900.9	7351.0	X26742.3	Y42814.7	13.4	22.4		97	23	74	74	15	15	70	460
0189	3911.4	7349.4	X26748.4	Y42924.1	119.	24.6		105	34	71	67	10	10	80	414
0190	3904.0	7334.7	X26644.1	Y42850.9	175.	27.3	47.1	93	2	91	88	5	0	95	644
0191	3901.1	7335.0	X26642.4	Y42821.3	108.	28.4		152	52	100	74	5	35	60	690
0192	3900.9	7332.5	X26626.4	Y42819.9	329.	28.4		39	15	24	21	10	35	55	598
0193	3908.8	7328.8	X26612.3	Y42900.5	147	27.3	46.6	96	13	83	73	5	10	85	828
0194	3904.4	7326.5	X26592.5	Y42856.7	186.	29.5		102	54	48	39	5	10	85	920
0195	3903.9	7324.8	X26581.1	Y42852.0	147.	31.2		177	62	115	79	5	30	65	690
0196	3906.1	7318.7	X26544.4	Y42875.1	5.9	33.4	50.4	295	117	178	96	10	5	85	276
0197	3910.7	7316.9	X26537.4	Y42920.9	1.1	32.3		214	149	65	48	10	5	85	345
0198	3913.5	7316.4	X26536.9	Y42948.6	295.	32.3		159	69	90	52	10	20	70	529
0199	3916.4	7322.5	X26580.1	Y42977.2	49.9	26.2	46.6	61	4	57	55	10	10	80	518
0200	3918.4	7318.8	X26557.9	Y42997.0	353.	27.3						0	0	0	0

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	Station Data							Number of Scallops				Trash 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.(BU)
0201	3918.2	7318.7	X26557.0	Y42995.1	349.	28.4		17	8	9	7	10	10	80	897
0202	3923.3	7321.3	X26580.3	Y43045.7	67.3	27.3		74	2	72	70	10	20	70	138
0203	3926.0	7313.2	X26528.6	Y43071.5	195.	29.0	47.7	23	2	21	21	1	0	99	920
0204	3918.8	7309.5	X26496.5	Y43000.7	127.	34.4						0	0	0	0
0205	3918.6	7308.3	X26488.3	Y42998.8	318.	35.5		364	188	176	92	40	5	55	161
0206	3916.4	7304.5	X26461.2	Y42977.3	35.6	37.2		1012	961	51	41	50	0	50	161
0207	3921.0	7301.2	X26442.9	Y43021.6	336.	36.6	52.3	883	767	116	69	25	25	50	69
0208	3923.7	7301.2	X26445.1	Y43047.6	313.	34.4		382	264	118	69	50	5	45	161
0209	3923.6	7304.8	X26469.3	Y43047.1	30.6	33.9		513	252	261	141	40	15	45	207
0210	3926.0	7302.1	X26453.1	Y43069.9	321.	35.0	54.5	160	78	82	46	10	5	85	253
0211	3928.2	7305.0	X26474.9	Y43091.6	30.9	35.5		54	30	24	15	10	5	85	276
0212	3930.5	7302.6	X26460.5	Y43113.3	350.	36.6		87	25	62	56	10	10	80	230
0213	3940.9	7304.7	X26485.8	Y43213.8	339.	26.8	46.8	70	5	65	56	10	10	80	506
0214	3943.1	7306.7	X26502.5	Y43235.7	4.4	25.7		83	25	58	46	5	5	90	506
0215	3946.0	7306.3	X26503.1	Y43263.4	291.	26.2		46	12	34	29	5	5	90	966
0216	3948.5	7316.5	X26580.2	Y43292.2	280.	23.5	46.6	157	90	67	64	5	5	90	782
0217	3953.6	7329.9	X26685.9	Y43348.9	267.	21.9		58	8	50	49	5	1	94	184
0218	3953.1	7336.2	X26730.9	Y43347.2	324.	18.6						0	0	0	0
0219	3954.1	7336.8	X26737.1	Y43357.5	144.	16.4		72	35	37	37	2	2	96	1058
0220	4006.0	7346.9	X26836.7	Y43483.1	33.3	16.4	53.4	216	199	17	9	5	0	95	1058
0221	4011.1	7343.8	X26825.3	Y43531.9	136.	33.9		0	0	0	0	25	50	25	35
0222	4013.8	7336.7	X26777.5	Y43552.9	145.	15.9		34	31	3	3	0	40	60	23
0223	4003.4	7327.1	X26683.3	Y43443.6	76.6	40.5	46.2	2	2	0	0	10	10	80	46
0224	4006.5	7318.8	X26626.3	Y43467.7	161.	21.3		28	4	24	24	5	5	90	1196
0225	3958.6	7314.8	X26582.9	Y43389.0	228.	32.8						0	0	0	0
0226	3958.3	7315.5	X26587.7	Y43386.5	74.1	35.5		2	2	0	0	30	30	40	23
0227	4126.6	6933.1	W13770.4	Y43833.1	181.	17.0	46.0	125	85	40	15	10	80	10	276
0228	4121.3	6926.8	W13759.6	Y43793.5	158.	15.9		19	6	13	12	10	80	10	368
0229	4116.5	6920.9	W13748.9	Y43757.6	156.	33.9		7	7	0	0	60	10	30	184
0230	4114.4	6918.5	W13745.3	Y43742.2	189.	33.4	42.1	133	31	102	79	10	85	5	667
0231	4111.6	6916.9	W13748.8	Y43723.4	156.	29.5		6	4	2	1	20	60	20	230
0232	4109.1	6916.5	W13757.3	Y43707.7	183	27.9		398	46	352	270	5	90	5	759
0233	4103.7	6914.4	W13768.8	Y43672.3	220.	30.6	50.7	5585	3480	2105	1685	5	30	65	322
0234	4101.5	6914.3	W13777.3	Y43658.6	210.	32.3		3576	2172	1404	960	20	60	20	414
0235	4050.5	6910.6	W13802.6	Y43586.6	209.	33.9		95	25	70	59	20	30	50	230
* 0236	4048.4	6909.7	W13806.3	Y43572.6	233.	35.5	50.0	2167	42	2125	2083	65	20	15	368
* 0237	4045.4	6916.1	W13850.3	Y43559.1	5.9	29.5		1154	109	1045	982	60	20	20	161
* 0238	4046.5	6918.9	W13860.3	Y43568.5	65.8	31.2		188	19	169	163	5	20	75	506
0239	4043.8	6918.8	W13870.1	Y43551.2	163.	26.2	51.6	191	2	189	187	70	10	20	92
* 0240	4041.6	6918.8	W13878.4	Y43537.1	47.4	31.2		47	2	45	45	10	10	80	46

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	Station Data							Number of Scallops				Trash By-Catch			
Station	Position Lat.	Long.	Loran TD's	heading	Depth (FM)	Bottom Temp (F)	Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone (Percentage)	Inverts	Total Vol.(BU)
* 0241	4042.7	6915.5	W13857.5	Y43541.4 358.	30.6		198	13	185	171	20	20	60	46
* 0242	4045.2	6908.9	W13814.7	Y43551.8 215.	36.6	48.9	606	9	597	582	20	20	60	46
* 0243	4044.0	6910.7	W13828.4	Y43545.7 172.	37.7		1210	33	1177	1155	10	20	70	253
* 0244	4041.0	6908.7	W13829.8	Y43525.1 179.	38.3		816	24	792	750	20	20	60	138
0245	4039.2	6908.5	W13835.7	Y43513.5 209.	38.3	46.4	2196	14	2182	2182	60	10	30	115
* 0246	4041.6	6903.2	W13800.1	Y43524.5 26.6	42.1		2034	0	2034	2034	75	10	15	115
* 0247	4046.6	6901.2	W13770.8	Y43554.2 50.8	40.5		994	32	962	903	60	20	20	380
0248	4051.3	6850.5	W13699.2	Y43574.3 198.	37.2	49.6	550	46	504	486	50	30	20	92
0249	4043.7	6854.7	W13750.0	Y43530.9 212.	36.6		86	29	57	52	20	20	60	58
0250	4041.0	6856.6	W13769.9	Y43515.6 143.	37.2		105	26	79	68	10	10	80	23
0251	4038.5	6855.0	W13771.7	Y43498.8 210.	36.1	47.8	109	13	96	87	75	0	25	30
0252	4031.3	6905.0	W13847.9	Y43460.6 117.	42.1		10	1	9	8	95	1	4	184
0253	4028.6	6854.9	W13808.5	Y43436.5 67.6	40.5						0	0	0	0
0254	4029.1	6854.0	W13802.3	Y43439.1 228.	40.5	45.7	3	1	2	1	98	1	1	184
0255	4031.6	6851.0	W13778.5	Y43452.8 131	38.3		8	0	8	8	95	0	5	345
0256	4034.0	6846.9	W13749.7	Y43464.9 355.	36.6		7	2	5	5	50	0	50	58
0257	4040.8	6846.9	W13723.4	Y43507.0 357.	35.5	47.8	36	4	32	30	50	0	50	138
0258	4043.6	6847.0	W13712.9	Y43524.3 44.3	35.0		43	8	35	34	10	0	90	782
0259	4049.3	6840.8	W13660.1	Y43554.2 170.	32.8		0	0	0	0	100	0	0	1
0260	4048.4	6841.1	W13665.2	Y43549.0 331.	33.4		23	0	23	23	60	10	30	92
0261	4038.7	6840.9	W13702.8	Y43489.7 93.5	33.9		24	4	20	20	35	5	60	69
0262	4038.3	6830.7	W13656.0	Y43480.1 116.	34.4	46.8	31	8	23	21	15	5	80	207
0263	4031.1	6818.7	W13628.5	Y43428.7 11.3	51.9		1	1	0	0	10	0	90	58
0264	4033.6	6816.9	W13610.5	Y43442.6 6.1	50.9		0	0	0	0	25	0	75	69
0265	4038.7	6817.1	W13591.3	Y43473.2 80.6	43.2	46.2	5	2	3	2	80	1	19	414
0266	4041.3	6804.7	W13524.5	Y43480.2 73.1	43.7		51	14	37	34	75	5	20	184
0267	4043.8	6759.3	W13490.1	Y43491.1 108.	41.0		131	36	95	90	90	5	5	460
0268	4041.6	6746.1	W13441.0	Y43469.9 137.	42.1	45.5	117	63	54	29	90	5	5	115
0269	4039.0	6729.2	W13379.4	Y43444.8 125.	50.3		11	11	0	0	90	5	5	414
0270	4035.3	6722.1	W13364.9	Y43420.1 136.	56.9		37	37	0	0	90	0	10	966
0271	4040.9	6716.2	W13317.5	Y43447.9 318.	51.4	52.2	1	1	0	0	50	0	50	437
0272	4046.3	6739.4	W13392.5	Y43492.2 294.	41.0		134	34	100	90	60	0	40	81
0273	4056.2	6750.8	W13400.2	Y43556.0 155.	32.3		31	0	31	30	50	0	50	253
0274	4058.1	6741.3	W13350.5	Y43559.7 93.1	34.4	47.7	93	11	82	75	50	0	50	391
0275	4059.1	6736.0	W13323.2	Y43561.3 78.3	36.1		99	5	94	91	50	0	50	322
0276	4106.0	6732.6	W13278.3	Y43596.7 146.	31.2		7	0	7	7	50	0	50	230
0277	4058.9	6725.0	W13277.4	Y43552.4 94.5	38.8	46.8	94	14	80	72	50	0	50	115
0278	4058.8	6713.8	W13231.4	Y43544.0 327.	41.0		362	158	204	168	50	0	50	92
0279	4051.0	6710.7	W13252.5	Y43499.8 23.1	49.2		28	12	16	15	98	1	1	598
0280	4058.8	6705.9	W13199.2	Y43538.7 136.	41.6	46.6	550	426	124	112	99	0	1	207

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July 6 - August 12

	Station Data							Number of Scallops				Trash 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.(BU)
0281	4053.8	6659.0	W13193.4	Y43507.5	134.	47.0		220	130	90	61	99	0	1	1012
0282	4049.0	6650.6	W13181.0	Y43476.9	359	56.9		9	8	1	0	99	0	1	736
0283	4051.4	6650.5	W13170.3	Y43489.6	49.9	53.0	48.2	10	10	0	0	90	5	5	851
0284	4056.2	6649.0	W13143.7	Y43514.0	304.	48.7		185	161	24	21	90	5	5	690
0285	4058.5	6652.5	W13147.3	Y43528.3	31.6	42.7		301	211	90	74	70	15	15	46
0286	4101.5	6655.1	W13144.3	Y43545.8	323.	39.9	46.6	458	6	452	448	20	20	60	69
0287	4101.2	6658.4	W13158.7	Y43546.4	305.	38.3		309	28	281	277	40	40	20	46
0288	4103.8	6702.7	W13164.3	Y43563.1	95.6	38.3		36	13	23	19	20	20	60	138
* 0289	4104.0	6653.4	W13126.5	Y43557.8	147.	38.8	46.4	1344	3	1341	1338	20	20	60	115
0290	4100.7	6651.1	W13132.2	Y43539.0	34.6	39.4		428	81	347	335	85	0	15	58
0291	4101.3	6645.8	W13109.0	Y43538.7	96.6	42.7		1022	236	786	780	60	0	40	46
0292	4101.3	6643.0	W13098.2	Y43536.9	118.	41.0	44.2	732	704	28	28	90	0	10	46
0293	4058.7	6632.7	W13070.6	Y43517.0	355.	58.0		15	15	0	0	80	18	2	1288
0294	4101.3	6630.8	W13052.1	Y43529.2	347.	55.2		6	6	0	0	90	5	5	1012
0295	4108.3	6632.7	W13028.0	Y43566.2	11.6	50.3	50.2	32	6	26	19	90	8	2	667
0296	4111.0	6626.8	W12993.9	Y43576.0	20.8	48.7		31	24	7	6	80	0	20	138
0297	4115.9	6623.1	W12958.0	Y43598.1	318.	49.8		144	86	58	58	30	30	40	46
0298	4118.1	6627.2	W12963.0	Y43612.0	357	51.4	46.4	892	76	816	812	20	20	60	69
0299	4119.1	6628.5	W12963.2	Y43617.9	202.	50.9		924	182	742	738	98	1	1	115
0300	4114.2	6632.4	W13000.1	Y43596.0	204.	47.6		1341	294	1047	1047	20	20	60	69
0301	4106.0	6638.7	W13060.9	Y43558.4	348.	45.9	46.9	1564	748	816	812	20	20	60	46
0302	4108.3	6642.7	W13065.8	Y43572.9	349.	42.1		1631	0	1631	1610	10	10	80	81
0303	4110.9	6644.2	W13059.8	Y43587.3	181.	39.4		2408	0	2408	2384	20	0	80	230
* 0304	4107.6	6649.4	W13094.8	Y43573.9	318.	39.9	44.2	1202	21	1181	1148	40	0	60	138
0305	4110.9	6652.7	W13092.8	Y43593.3	353.	39.4		59	9	50	47	40	0	60	92
0306	4111.4	6658.5	W13113.4	Y43600.1	204.	37.2		204	1	203	201	50	0	50	58
0307	4111.2	6702.6	W13130.7	Y43602.0	352.	36.1	47.1	195	2	193	192	40	0	60	230
0308	4111.4	6706.5	W13145.5	Y43606.0	203.	34.4		200	3	197	192	40	0	60	161
0309	4108.5	6708.7	W13167.5	Y43592.3	339.	35.0		133	3	130	122	40	0	60	138
0310	4108.7	6711.0	W13175.9	Y43595.0	336.	33.4	49.1	166	1	165	163	30	30	40	184
0311	4111.3	6718.7	W13195.9	Y43614.6	49.4	29.5		2	0	2	2	0	5	95	1058
0312	4118.8	6707.0	W13113.5	Y43645.1	86.5	31.7		2	0	2	2	5	5	90	1380
0313	4118.8	6703.0	W13097.4	Y43642.0	40.6	34.4	48.7	9	0	9	9	10	10	80	506
0314	4121.6	6658.8	W13067.6	Y43653.2	147.	36.1		40	0	40	40	10	10	80	276
0315	4116.4	6654.8	W13075.9	Y43623.3	27.8	37.7		212	0	212	209	10	10	80	92
0316	4118.8	6653.0	W13057.8	Y43634.3	61.3	38.3	44.8	308	0	308	305	35	0	65	115
0317	4121.1	6648.7	W13030.3	Y43642.8	156.	39.9		159	4	155	149	40	0	60	92
0318	4119.1	6647.1	W13033.4	Y43631.4	144.	39.9		126	4	122	119	40	0	60	58
0319	4116.7	6642.7	W13027.6	Y43615.9	67.5	42.1	44.4	317	1	316	316	20	0	80	322
0320	4116.6	6640.3	W13018.9	Y43613.7	185.	42.1		84	7	77	77	50	0	50	138

ALBATROSS IV 2005 SEA SCALLOP SURVEY
July 6 - August 12

Station	Position Lat.	Position Long.	Loran TD's	Loran TD's	heading	Depth (FM)	Bottom Temp (F)	Number of Scallops Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Trash By-Catch Shell (Percentage)	Stone (Percentage)	Inverts (Percentage)	Total Vol.(BU)
0321	4118.5	6640.7	W13011.7	Y43623.6	344.	43.2		532	0	532	532	50	0	50	138
0322	4121.0	6640.6	W12999.7	Y43636.2	274.	43.7	45.9	30	0	30	30	20	0	80	368
0323	4123.5	6645.8	W13007.9	Y43652.8	356.	41.0		98	1	97	89	50	0	50	184
0324	4123.5	6657.1	W13052.0	Y43661.6	24.8	36.1		24	0	24	22	10	10	80	184
0325	4126.2	6655.1	W13031.4	Y43673.8	303.	36.1	46.6	3	0	3	3	10	10	80	92
0326	4128.6	6703.3	W13052.6	Y43692.8	46	33.4		0	0	0	0	2	0	98	874
0327	4136.0	6653.2	W12977.0	Y43721.8	56.9	35.5		0	0	0	0	2	3	95	161
0328	4140.6	6644.2	W12919.8	Y43737.0	164	39.9	51.8	0	0	0	0	40	10	50	92
0329	4131.5	6648.8	W12981.6	Y43695.6	137.	37.7		24	0	24	24	5	0	95	414
0330	4126.6	6641.0	W12975.0	Y43664.8	52.3	43.2		125	22	103	79	60	0	40	138
0331	4128.6	6639.1	W12958.3	Y43673.3	135	43.2	45.3	49	5	44	27	50	0	50	69
0332	4126.1	6634.7	W12953.6	Y43657.4	68.1	47.0		204	57	147	141	80	0	20	276
0333	4128.7	6626.6	W12911.3	Y43664.2	80.1	51.9		176	10	166	157	35	30	35	184
0334	4128.6	6622.6	W12897.2	Y43660.7	165.	50.9	45.0	207	19	188	180	60	5	35	150
0335	4123.6	6616.7	W12899.4	Y43631.8	15.6	55.8		8	8	0	0	80	15	5	782
0336	4131.3	6614.9	W12856.8	Y43668.2	310.	48.7		279	24	255	250	20	20	60	46
0337	4135.9	6622.6	W12862.4	Y43696.4	331.	47.0	46.0	188	86	102	99	10	10	80	115
0338	4141.2	6627.0	W12852.7	Y43725.7	51.3	42.7		14	0	14	13	35	35	30	46
0339	4146.2	6618.9	W12799.0	Y43743.1	120	44.3		42	2	40	40	30	10	60	92
0340	4141.4	6607.2	W12781.4	Y43710.9	121	51.9	46.0	181	110	71	66	50	5	45	46
0341	4138.7	6600.8	W12772.5	Y43693.2	33.3	52.5		2850	615	2235	940	15	0	85	69
0342	4146.2	6555.0	W12716.7	Y43724.1	298.	59.1		1587	657	930	328	20	70	10	368
0343	4151.0	6606.4	W12731.7	Y43755.6	301.	49.8	45.9	232	63	169	165	20	70	10	276
0344	4156.4	6610.6	W12719.3	Y43784.3	12.8	48.1		298	151	147	116	10	80	10	414
0345	4203.5	6606.9	W12670.8	Y43814.0	287.	51.4		2682	2604	78	66	10	80	10	81
0346	4203.6	6612.4	W12689.1	Y43819.3	280.	49.8	43.5	6336	2136	4200	636	40	60	0	115
0347	4153.5	6621.1	W12770.6	Y43779.6	305.	44.3		234	129	105	82	30	10	60	92
0348	4156.6	6630.7	W12789.6	Y43802.8	31.4	43.7		1024	598	426	340	30	60	10	230
0349	4205.6	6623.6	W12718.0	Y43838.7	238.	46.5	44.2	757	693	64	60	20	75	5	368
0350	4203.6	6632.3	W12759.7	Y43837.3	246.	45.4		250	164	86	70	5	90	5	522
0351	4203.1	6640.5	W12792.5	Y43842.6	264.	39.9		1835	1285	550	235	5	90	5	460
0352	4203.8	6640.2	W12787.8	Y43845.7	132	39.9		2628	1950	678	348	10	85	5	828
0353	4203.9	6643.3	W12798.9	Y43849.1	261	38.8	45.3	1470	800	670	260	15	80	5	368
0354	4204.1	6648.9	W12819.1	Y43855.4	1.3	36.1		5860	5270	590	370	20	75	5	690
0355	4205.8	6649.5	W12812.5	Y43864.1	300.	36.6		2424	2048	376	140	10	85	5	644
0356	4206.1	6652.5	W12822.5	Y43868.5	237.	35.0	46.0	10240	9720	520	280	50	30	20	920
0357	4203.5	6656.4	W12851.2	Y43859.9	305	32.8		284	216	68	45	40	40	20	184
0358	4203.5	6700.9	W12868.9	Y43864.3	22.1	32.3		1132	828	304	72	85	5	10	1150
0359	4206.0	6659.5	W12850.3	Y43875.0	32.1	33.9	43.9	579	396	183	138	80	15	5	1058
0360	4208.3	6654.7	W12819.4	Y43881.2	321.	43.2		1942	1788	154	150	80	15	5	368

ALBATROSS IV 2005 SEA SCALLOP SURVEY
July 6 - August 12

Station Data								Number of Scallops				Trash By-Catch			
Station	Position Lat.	Position Long.	Loran TD's	heading	Depth (FM)	Bottom Temp (F)	Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell (Percentage)	Stone	Inverts	Total Vol.(BU)
0361	4208.8	6659.7	W12836.3	Y43888.6 270.	44.3		498	362	136	134	50	25	25	230
0362	4208.5	6710.4	W12880.6	Y43898.2 266.	47.0	42.1	1250	54	1196	1196	10	0	90	460
0363	4208.3	6712.5	W12890.2	Y43899.4 101.	50.3		816	0	816	816	10	0	90	299
0364	4206.1	6708.9	W12887.2	Y43885.0 117	29.5		4188	696	3492	2900	50	0	50	322
0365	4204.2	6707.0	W12889.5	Y43873.9 96.1	30.6	48.2	3090	139	2951	2794	50	0	50	230
0366	4201.2	6706.6	W12903.6	Y43858.9 236	28.4		7	2	5	3	10	0	90	690
0367	4156.3	6715.0	W12963.1	Y43843.2 323.	32.3		83	27	56	44	35	30	35	736
0368	4155.7	6718.3	W12979.8	Y43843.5 329.	27.9	55.0	230	48	182	180	40	30	30	552
0369	4159.0	6722.1	W12978.6	Y43863.8 57.6	27.9		263	67	196	161	80	10	10	966
0370	4201.2	6718.7	W12953.0	Y43871.1 96.1	24.1						0	0	0	0
0371	4200.7	6717.9	W12952.3	Y43867.8 264.	20.8		852	192	660	369	75	5	20	552
0372	4200.5	6714.5	W12939.3	Y43863.4 341.	25.7	52.3	314	61	253	204	80	20	0	460
0373	4206.0	6717.2	W12921.6	Y43893.1 268.	27.9		1768	0	1768	1768	60	10	30	460
0374	4205.9	6722.6	W12944.6	Y43898.3 233.	35.0		187	174	13	11	65	20	15	92
0375	4204.2	6724.3	W12960.7	Y43891.8 229.	27.9	45.9	804	183	621	588	10	80	10	506
0376	4203.8	6728.7	W12981.4	Y43894.5 359.	34.4		147	69	78	74	10	0	90	115
0377	4206.2	6728.1	W12966.2	Y43905.7 245.	60.7		53	27	26	22	15	0	85	207
0378	4201.5	6742.4	W13052.8	Y43897.8 220.	50.9	42.8	25	6	19	19	10	0	90	207
0379	4158.7	6740.5	W13059.0	Y43881.6 246.	26.2		52	7	45	34	40	20	40	345
0380	4158.6	6742.8	W13069.7	Y43883.6 235.	28.4		20	0	20	20	1	0	99	1518
0381	4158.7	6744.4	W13076.2	Y43885.8 272.	31.7	51.4	1	0	0	0	1	0	99	782
0382	4158.8	6746.5	W13085.0	Y43888.6 245.	38.3		108	91	17	17	1	0	99	207
0383	4156.3	6746.3	W13097.0	Y43875.7 233.	27.9						0	0	0	0
0384	4156.2	6746.8	W13099.8	Y43875.7 284.	29.0		3	0	3	3	0	5	95	1104
0385	4153.3	6752.4	W13139.7	Y43866.8 277	28.4	49.1					0	0	0	0
0386	4153.4	6753.7	W13145.1	Y43868.8 96.1	31.7		4	0	4	4	0	0	100	1150
0387	4153.6	6754.7	W13148.6	Y43870.9 84.8	33.9		29	0	29	25	0	0	100	1104
0388	4153.1	6800.9	W13179.5	Y43875.1 88.3	53.0		34	8	26	26	0	0	100	184
0389	4149.0	6758.3	W13188.3	Y43850.8 92.1	28.4	50.2	3	0	3	3	1	0	99	1380
0390	4150.7	6805.1	W13211.1	Y43867.1 139.	48.7		57	32	25	20	2	18	80	552
0391	4148.3	6806.8	W13231.1	Y43856.3 218.	37.2		17	2	15	15	1	0	99	575
0392	4148.4	6812.7	W13258.2	Y43863.4 179.	53.0	41.9	9	1	8	8	5	20	75	276
0393	4146.1	6812.5	W13268.7	Y43850.9 235.	37.2		43	2	41	37	50	0	50	46
0394	4144.3	6814.2	W13285.7	Y43843.1 245.	30.6		93	0	93	90	45	0	55	35
0395	4143.9	6816.0	W13296.2	Y43842.9 256.	31.2	47.3	31	0	31	31	0	0	100	23
0396	4144.3	6818.7	W13307.1	Y43848.1 300.	42.1		3	1	2	2	0	0	100	184
0397	4136.5	6828.6	W13392.7	Y43816.3 216.	51.9		4	1	3	3	0	0	100	1104
0398	4131.3	6832.0	W13433.9	Y43791.0 191.	53.6	41.2	40	2	38	37	0	40	60	276
0399	4128.6	6834.7	W13459.7	Y43778.7 213.	51.9		7	1	6	6	20	0	80	184
0400	4124.0	6838.5	W13499.5	Y43756.5 208.	51.4		50	4	46	41	0	25	75	184

ALBATROSS IV 2005 SEA SCALLOP SURVEY
July 6 - August 12

Station	Station Data: Position Lat.	Position Long.	Loran TD's	Loran TD's	heading	Depth (FM)	Bottom Temp (F)	Number of Scallops: Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Trash By-Catch: Shell (Percentage)	Stone (Percentage)	Inverts (Percentage)	Total Vol.(BU)
0401	4121.5	6839.0	W13513.4	Y43742.7	66.6	47.6	41.7	82	7	75	72	0	0	100	46
0402	4123.5	6833.6	W13477.8	Y43748.6	85.8	44.8		462	24	438	436	60	0	40	92
0403	4126.1	6827.6	W13436.8	Y43757.2	98.1	42.1		44	1	43	43	10	0	90	345
0404	4126.5	6824.6	W13420.5	Y43756.4	110.	36.1	51.8	33	2	31	31	5	0	95	1334
0405	4126.5	6823.1	W13413.3	Y43754.9	128.	33.9		5	0	5	5	1	0	99	1794
0406	4126.2	6820.5	W13402.3	Y43750.6	193	29.5		0	0	0	0	1	0	99	2024
0407	4121.9	6822.9	W13433.6	Y43728.8	219.	32.3	54.7	0	0	0	0	1	0	99	2070
0408	4118.9	6825.1	W13457.8	Y43714.0	302.	32.3		138	0	138	135	60	0	40	184
0409	4121.0	6828.8	W13466.0	Y43729.5	208.	38.3		144	0	144	141	20	5	75	230
0410	4119.0	6829.7	W13479.4	Y43719.0	250	35.0	52.2	17	1	16	16	10	40	50	368
0411	4116.4	6835.9	W13521.1	Y43710.2	276.	36.6		492	60	432	372	10	10	80	92
0412	4118.8	6840.9	W13534.9	Y43729.0	268.	43.7		882	0	882	868	10	25	65	58
0413	4118.5	6842.5	W13544.1	Y43728.9	181.	45.4	42.3	868	28	840	840	20	10	70	184
0414	4113.9	6840.7	W13555.7	Y43700.4	109.	33.4						0	0	0	0
0415	4113.8	6839.9	W13552.2	Y43699.0	318.	33.9		488	4	484	472	20	10	70	184
0416	4114.0	6836.2	W13533.2	Y43696.6	113.	33.9		131	32	99	96	10	10	80	138
0417	4113.8	6832.8	W13517.6	Y43692.2	196.	34.4	54.7					0	0	100	1
0418	4113.2	6833.5	W13523.7	Y43689.4	339.	34.4		87	6	81	81	50	0	50	46
0419	4111.2	6834.9	W13539.3	Y43679.1	338.	33.4		70	31	39	36	50	0	50	69
0420	4111.2	6836.1	W13545.1	Y43680.2	217.	33.4		887	62	825	821	50	0	50	92
0421	4109.6	6839.0	W13566.2	Y43673.6	179.	33.9	55.6	131	31	100	90	50	0	50	92
0422	4106.9	6837.2	W13569.1	Y43656.1	161.	32.3		15	3	12	8	30	50	20	69
0423	4103.3	6840.5	W13600.6	Y43637.8	190	32.3		1225	27	1198	1006	50	0	50	92
0424	4059.2	6841.6	W13623.2	Y43614.4	288.	37.2	55.0	1	0	1	1	25	50	25	115
0425	4101.5	6847.0	W13640.0	Y43633.0	345.	33.9		93	6	87	82	10	10	80	58
0426	4109.0	6845.0	W13598.2	Y43675.7	328	35.0		0	0	0	0	0	0	0	0
0427	4110.5	6846.4	W13598.6	Y43685.9	359.	39.4	48.6	399	33	366	334	20	20	60	161
0428	4115.9	6853.0	W13607.9	Y43724.4	209.	55.8		60	2	58	58	5	5	90	46
0429	4111.3	6854.7	W13636.5	Y43698.8	155.	54.1		28	0	28	28	0	0	100	690
0430	4108.7	6852.7	W13637.7	Y43681.4	136.	49.8	42.6	43	1	42	41	10	10	80	253
0431	4104.3	6852.8	W13656.9	Y43655.1	236.	38.8		42	7	35	29	15	75	10	184
0432	4058.6	6854.2	W13687.6	Y43622.0	191.	38.3		1482	234	1248	1179	40	25	35	230
0433	4056.4	6856.7	W13709.1	Y43610.8	33.4	38.8	51.8	1096	452	644	372	60	15	25	506
0434	4101.7	6858.8	W13697.8	Y43645.0	256	45.4		796	132	664	608	55	5	40	92
0435	4101.3	6906.4	W13737.8	Y43649.7	345.	42.7		580	174	406	320	20	50	30	161
0436	4103.6	6910.7	W13750.2	Y43668.0	329.	29.0	48.2	280	79	201	178	25	50	25	276
0437	4109.0	6904.6	W13696.4	Y43694.9	308.	55.2		94	1	93	93	10	10	80	92
0438	4111.5	6910.7	W13717.1	Y43716.3	298.	47.0		11	5	6	6	10	10	80	23
0439	4106.1	6912.3	W13748.1	Y43685.0	231.	31.2	46.0	54	8	46	38	5	90	5	460
0440	4101.0	6920.5	W13811.4	Y43661.5	43.6	25.2		35	11	24	24	10	40	50	322

ALBATROSS IV 2005 SEA SCALLOP SURVEY
July 6 - August 12

	Station Data							Number of Scallops				Trash 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.(BU)
0441	4105.9	6922.7	W13802.9	Y43694.3	22.3	24.1		129	33	96	35	20	30	50	552
0442	4111.3	6922.7	W13780.4	Y43727.7	59.9	26.8	44.4	2610	1668	942	318	30	35	35	414
0443	4116.2	6915.4	W13721.4	Y43749.8	15.1	44.8		14	9	5	5	70	0	30	23
0444	4118.7	6911.0	W13687.6	Y43760.0	317.	58.5		252	2	250	250	80	0	20	46
0445	4119.0	6918.4	W13725.0	Y43770.0	222	45.9	41.4	40	9	31	29	40	30	30	138
0446	4118.8	6920.7	W13738.0	Y43771.4	12.9	35.0		90	17	73	72	50	20	30	69
0447	4121.3	6920.6	W13726.6	Y43786.4	16.3	32.3		131	39	92	90	70	0	30	92
0448	4126.0	6921.5	W13710.7	Y43815.7	4.9	35.0	41.9	173	13	160	158	70	0	30	69
0449	4131.2	6920.9	W13684.2	Y43845.9	273.	48.7		2898	210	2688	1519	60	0	40	92
0450	4131.1	6924.7	W13705.0	Y43850.0	320.	36.1		334	94	240	228	15	75	10	644
0451	4133.4	6928.3	W13714.1	Y43868.1	315.	33.4	41.7	41	20	21	21	20	20	60	667
0452	4136.0	6930.1	W13712.0	Y43885.8	316.	41.6		205	10	195	166	10	20	70	230
0453	4138.7	6932.7	W13713.9	Y43905.1	290.	49.2		13	0	13	12	20	20	60	138
0454	4141.1	6942.7	W13758.2	Y43932.5	325.	40.5	41.5	90	22	68	65	20	10	70	46
0455	4153.2	6948.8	W13736.1	Y44012.2	347.	45.4		25	1	24	24	75	10	15	96
0456	4155.6	6950.4	W13733.8	Y44028.5	332.	38.3		4	0	4	3	5	90	5	322
0457	4158.5	6952.4	W13731.4	Y44048.2	0	36.1	42.3	1	0	1	1	20	75	5	276
0458	4201.1	6953.5	W13725.1	Y44064.8	325.	39.9		2	0	2	2	3	95	2	506
0459	4159.0	6955.0	W13744.0	Y44055.0	152.	26.8		16	10	6	6	3	95	2	69
0460	4153.9	6951.1	W13746.0	Y44019.6	171.	33.4	42.4	35	13	22	21	20	75	5	58
0461	4151.5	6950.9	W13756.2	Y44005.3	188.	32.3		65	32	33	32	20	60	20	92
0462	4146.3	6952.8	W13791.3	Y43977.4	145.	15.3		7	7	0	0	5	0	95	368
0463	4143.9	6948.8	W13779.6	Y43957.5	119.	29.5	42.6	48	19	29	28	90	0	10	334
0464	4138.4	6938.5	W13747.2	Y43910.9	177.	38.8		93	41	52	45	80	10	10	92
0465	4133.6	6940.9	W13782.1	Y43885.2	102.	17.0		141	58	83	18	10	80	10	460
0466	4133.5	6938.7	W13770.4	Y43881.8	86	20.2	45.0	368	151	217	58	10	80	10	460
0467	4133.7	6934.5	W13746.5	Y43877.7	41.8	27.3		454	190	264	171	60	20	20	161
0468	4133.5	6932.4	W13735.9	Y43873.8	181.	27.9		39	26	13	13	20	60	20	575
0469	4130.6	6932.8	W13751.1	Y43856.9	180.	20.2	43.2	4	1	3	2	5	90	5	644
0470	4129.1	6929.2	W13738.2	Y43843.5	315.	21.3		60	29	31	12	10	80	10	552
* 0471	4133.3	6932.6	W13737.9	Y43872.9	318.	26.2		275	125	150	142	10	80	10	644
* 0472	4134.4	6934.8	W13745.0	Y43882.2	266	29.0		670	296	374	134	1	98	1	483
* 0473	4133.8	6938.5	W13768.0	Y43883.4	101.	21.3		180	65	115	40	3	95	2	1380
0474	4050.9	7146.5	X25933.4	Y43756.7	329.	27.3	45.3	44	5	39	27	25	0	75	92
0475	4053.8	7204.7	X26094.7	Y43803.5	230.	17.5		9	4	5	3	25	25	50	138
0476	4051.5	7208.2	X26121.5	Y43789.8	227.	19.1		1	0	1	1	1	0	99	1700
0477	4046.0	7216.6	X26185.4	Y43756.1	184.	20.8	46.8	36	1	35	34	5	0	95	690
0478	4041.1	7216.5	X26177.8	Y43715.4	85.5	24.1		17	1	16	16	25	0	75	644
0479	4041.2	7211.1	X26132.4	Y43709.7	93.3	24.6		37	0	37	36	5	0	95	1564
0480	4041.2	7202.9	X26063.2	Y43699.9	92	27.3	45.7	50	12	38	35	25	2	73	414

ALBATROSS IV 2005 SEA SCALLOP SURVEY
July 6 - August 12

Station Data								Number of Scallops				Trash By-Catch			
Station	Position Lat.	Long.	Loran TD's		heading	Depth (FM)	Bottom Temp (F)	Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone (Percentage)	Inverts	Total Vol.(BU)
0481	4041.4	7150.9	X25962.3	Y43687.3	200.	31.2		92	26	66	48	45	0	55	92
0482	4033.6	7154.6	X25988.0	Y43628.7	279	31.7		9	7	2	1	1	0	99	184
0483	4036.3	7204.8	X26074.4	Y43662.1	201.	28.4	45.3	26	7	19	19	3	2	95	598
0484	4030.9	7208.6	X26101.2	Y43621.6	254	30.6		256	17	239	161	20	0	80	115
0485	4033.6	7212.2	X26133.3	Y43648.0	299.	29.0		25	0	25	18	15	0	85	288
0486	4036.5	7218.8	X26191.3	Y43679.8	239.	26.8	45.9	227	35	192	171	10	0	90	276
0487	4031.0	7232.2	X26295.2	Y43648.1	312.	23.5		14	1	13	13	27	2	71	690
0488	4041.3	7246.4	X26429.5	Y43754.3	237.	14.8		0	0	0	0	3	2	95	1288
0489	4031.4	7244.3	X26395.1	Y43665.0	218	23.0	46.0	41	1	40	40	5	25	70	2024
0490	4016.3	7254.7	X26455.7	Y43539.8	177.	25.2		57	1	56	53	5	5	90	690
0491	4011.2	7254.7	X26448.4	Y43493.0	261.	27.3		33	1	32	31	25	0	75	322
0492	3959.0	7312.3	X26564.9	Y43391.2	298.	31.7	47.5	11	1	10	4	10	80	10	58
0493	3955.5	7318.4	X26604.7	Y43361.2	272	29.0		284	89	195	146	3	95	2	690
0494	3955.7	7314.9	X26579.2	Y43361.1	99.8	39.4		0	0	0	0	0	0	100	23
0495	3954.2	7308.7	X26531.2	Y43343.1	119.	40.5	48.6					0	0	100	0
0496	3954.1	7308.0	X26525.9	Y43341.8	295.	39.4		9	9	0	0	5	0	95	115
0497	3951.1	7309.0	X26529.2	Y43313.6	159.	28.4		393	186	207	137	50	0	50	115
0498	3949.0	7259.0	X26453.6	Y43288.5	139.	38.3		2	0	2	2	10	75	15	230
0499	3943.6	7259.0	X26447.9	Y43237.3	91	30.6	46.6	85	18	67	59	50	0	50	207
0500	3944.4	7257.2	X26435.8	Y43244.2	124.	38.3		392	245	147	101	25	15	60	92
0501	3948.1	7252.9	X26408.3	Y43277.1	4.3	39.4		12	0	12	11	25	0	75	322
0502	3951.1	7252.8	X26410.4	Y43305.1	65.1	29.5	46.2	258	31	227	170	25	0	75	161
0503	3956.2	7236.6	X26295.0	Y43342.9	309.	31.2		1012	266	746	440	60	5	35	92
0504	3958.3	7240.5	X26325.8	Y43364.4	325.	31.2		199	36	163	107	25	0	75	184
0505	4006.0	7244.8	X26365.7	Y43437.6	85.6	28.4	47.1	117	6	111	104	8	0	92	644
0506	4006.1	7235.3	X26292.9	Y43431.3	120	30.6		141	8	133	116	10	0	90	299
0507	4003.7	7229.2	X26244.5	Y43405.4	65.6	32.3		409	58	351	247	40	0	60	92
0508	4006.1	7220.5	X26179.6	Y43420.3	272.	38.8	50.9	3	1	2	1	85	5	10	138
0509	4006.5	7224.8	X26212.8	Y43427.0	326.	33.9		878	118	760	408	15	0	85	69
0510	4010.8	7228.1	X26241.2	Y43467.5	311.	35.0		36	2	34	32	25	0	75	92
0511	4013.5	7239.0	X26328.8	Y43500.6	69.5	31.2	46.9	657	50	607	399	50	15	35	92
0512	4016.0	7227.1	X26237.7	Y43512.4	37.3	30.6		25	0	25	25	30	5	65	322
0513	4023.7	7227.5	X26248.2	Y43579.9	91.3	26.8		146	106	40	29	5	0	95	506
0514	4023.9	7217.1	X26164.6	Y43571.3	115	30.6	46.4	92	12	80	76	30	2	68	460
0515	4021.6	7213.5	X26134.0	Y43548.2	168.	32.8		101	34	67	47	25	0	75	115
0516	4016.2	7214.6	X26139.3	Y43503.1	76.1	32.3		65	10	55	36	5	0	95	460
0517	4018.5	7200.6	X26030.1	Y43510.2	89.1	33.4	47.1	6	1	5	3	40	0	60	92
0518	4018.8	7150.7	X25952.5	Y43503.8	30.8	39.4		0	0	0	0	5	0	95	35
0519	4026.0	7145.2	X25909.3	Y43557.5	43.1	39.4		0	0	0	0	5	0	95	46
0520	4028.4	7128.7	X25777.6	Y43560.7	330	39.4	48.9	0	0	0	0	5	0	95	46

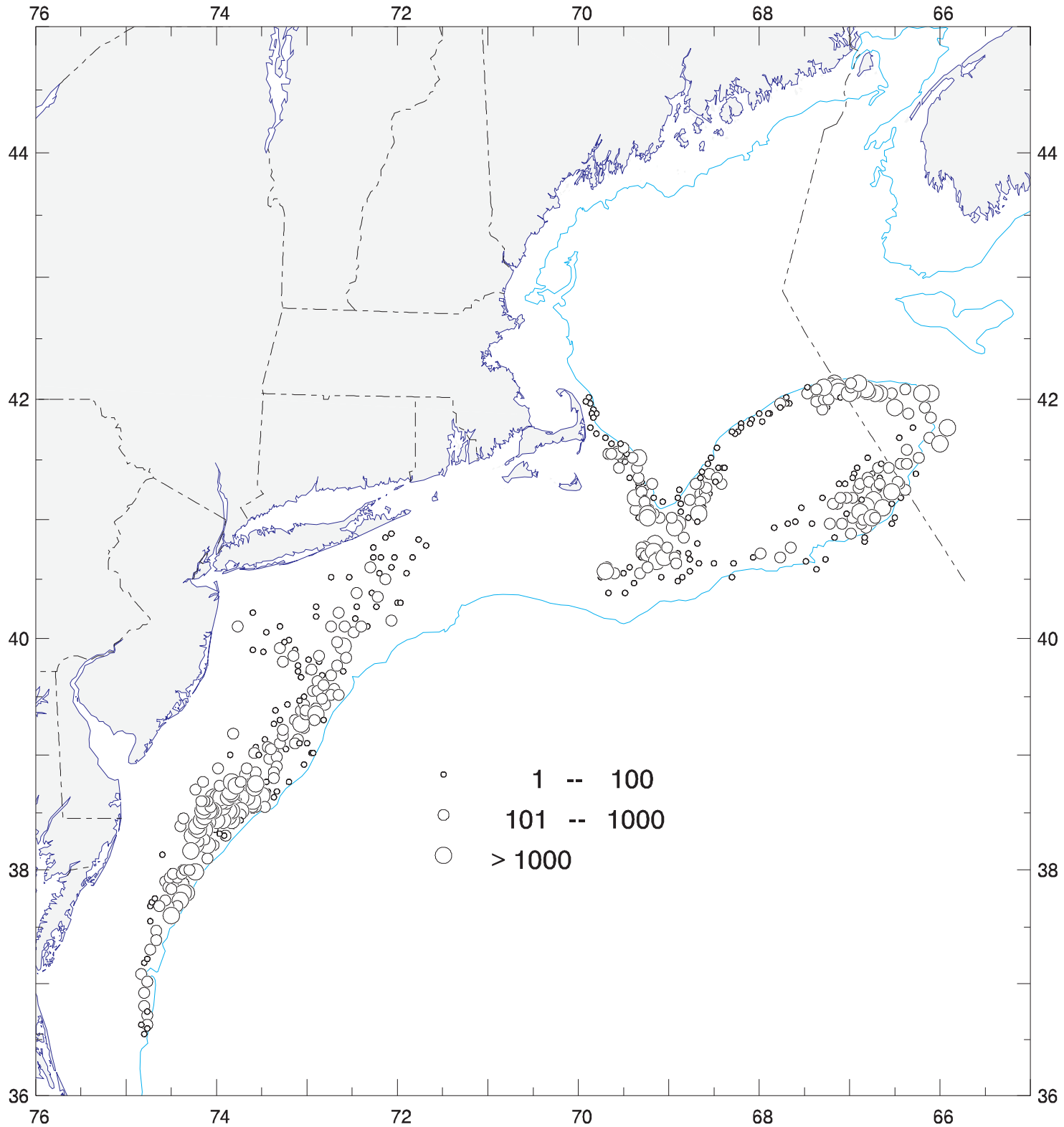
ALBATROSS IV 2005 SEA SCALLOP SURVEY
July 6 - August 12

	Station Data							Number of Scallops				Trash 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.(BU)
0521	4038.6	7137.0	X25844.5	Y43649.3	88.8	38.8		0	0	0	0	10	0	90	138
0522	4028.7	6956.4	W14119.0	Y43481.7	96.6	38.3		0	0	0	0	10	0	90	12
0523	4031.4	6945.0	W14050.2	Y43491.1	156.	36.1	47.3	6	4	2	1	80	0	20	115
0524	4023.9	6940.2	W14051.1	Y43436.9	90.6	37.2		2	1	1	1	90	0	10	529
0525	4023.5	6929.8	W13999.6	Y43427.0	66.8	37.7		18	6	12	9	85	0	15	322
0526	4028.8	6923.1	W13947.1	Y43457.3	26.3	35.5	47.8	4	0	4	4	80	5	15	598
0527	4033.4	6919.3	W13911.4	Y43484.5	58.3	30.6		107	2	105	105	50	0	50	92
0528	4036.3	6914.5	W13876.6	Y43499.6	264.	30.6		645	0	645	645	95	0	5	92
0529	4036.8	6926.0	W13932.9	Y43511.9	212.	27.9	51.4	4	0	4	4	5	0	95	1058
0530	4033.7	6930.4	W13966.7	Y43495.0	251	31.7		22	0	22	17	5	35	60	276
0531	4033.6	6936.8	W13999.9	Y43499.4	18.3	35.0		210	1	209	208	25	0	75	460
0532	4038.4	6935.2	W13974.4	Y43529.8	288.	27.9	49.6	0	0	0	0	15	0	85	46
0533	4041.1	6942.7	W14003.7	Y43554.0	185.	26.2		0	0	0	0	5	0	95	161
0534	4036.3	6941.8	W14016.3	Y43521.4	181.	32.3		164	1	163	162	5	0	95	92
* 0535	4034.4	6942.2	W14025.1	Y43509.0	319.	34.4	47.5	1326	6	1320	1320	40	0	60	184
0536	4036.1	6952.2	W14071.5	Y43528.7	279.	32.3		0	0	0	0	10	0	90	58
0537	4035.8	6956.5	W14095.3	Y43530.4	298.	31.7		0	0	0	0	10	0	90	92
0538	4038.5	6956.9	W14088.1	Y43549.0	358.	29.5	48.0	0	0	0	0	60	0	40	138
Total								316388	117195	195752	141130				

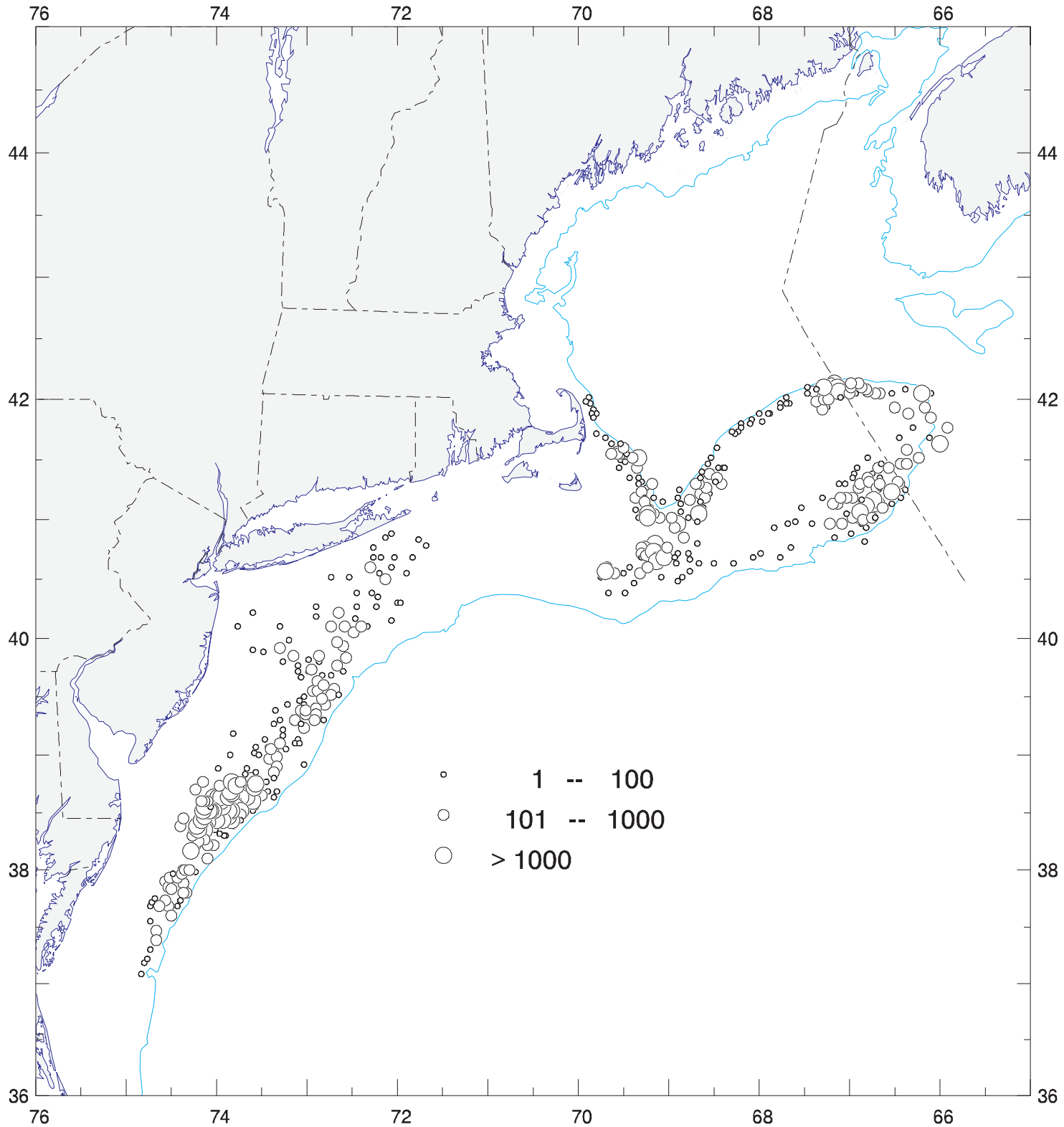
* Non-random station

Stations with no scallop or trash data indicate a flipped or hung-up dredge

NMFS-NEFSC SEA SCALLOP SURVEY - 2005
SEA SCALLOPS - Number/Tow
Total Number



NMFS-NEFSC SEA SCALLOP SURVEY - 2005
SEA SCALLOPS - Number/Tow
Greater Than 90 mm



NMFS-NEFSC SEA SCALLOP SURVEY - 2005
SEA SCALLOPS - Number/Tow
Less Than 90 mm