

Resource Survey Report

Sea Scallop Survey

Cape Hatteras – Georges Bank

July 10 – August 16, 2007

R/V Albatross IV



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



R/V Albatross IV



A tow of sea scallops aboard the
R/V Albatross IV



Sorting sea scallops at sunrise
aboard the *R/V Albatross IV*



Cooperating commercial scallop
vessel *Kathy Marie*

RESOURCE SURVEY REPORT

Catch Summary

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The following field notes, charts, and station data indicate the distribution of sea scallops during the 2007 sea 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).

For further information contact Russell Brown (508-495-2380) or Linda Despres (508-495-2346), NOAA Fisheries Service, Northeast Fisheries Science Center, 166 Water Street, Woods Hole, MA 02543. To view this report in PDF format go the Ecosystems Surveys Branch website at: <http://www.nefsc.noaa.gov/esb> and choose:

- Resource Survey Reports
 - Available RSR
 - Select season and year of interest

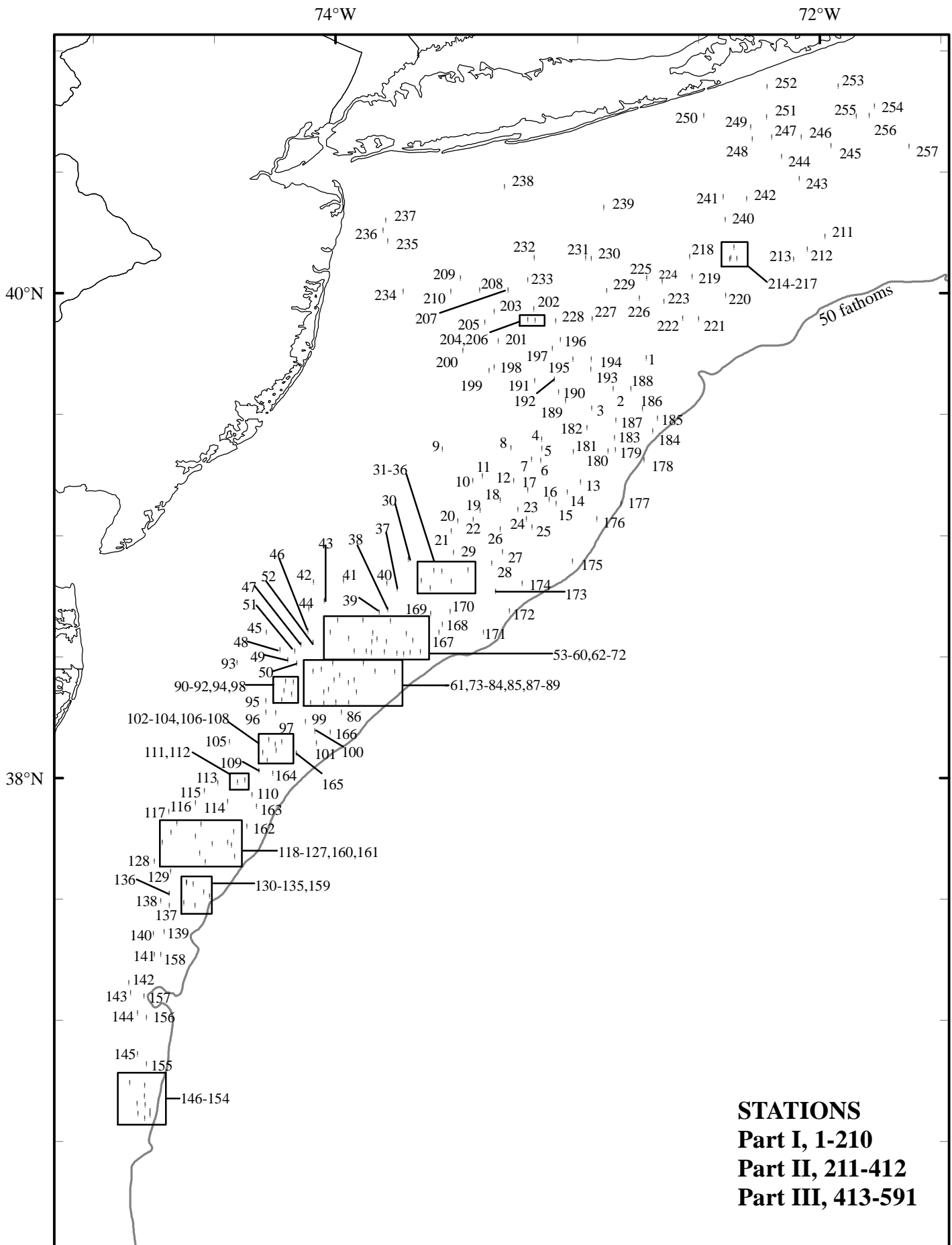


Figure 1. Dredge tows made from R/V *Albatross IV* (07 - 05), during NOAA Fisheries Service, Northeast Fisheries Science Center sea scallop survey, July 10 - August 16, 2007.

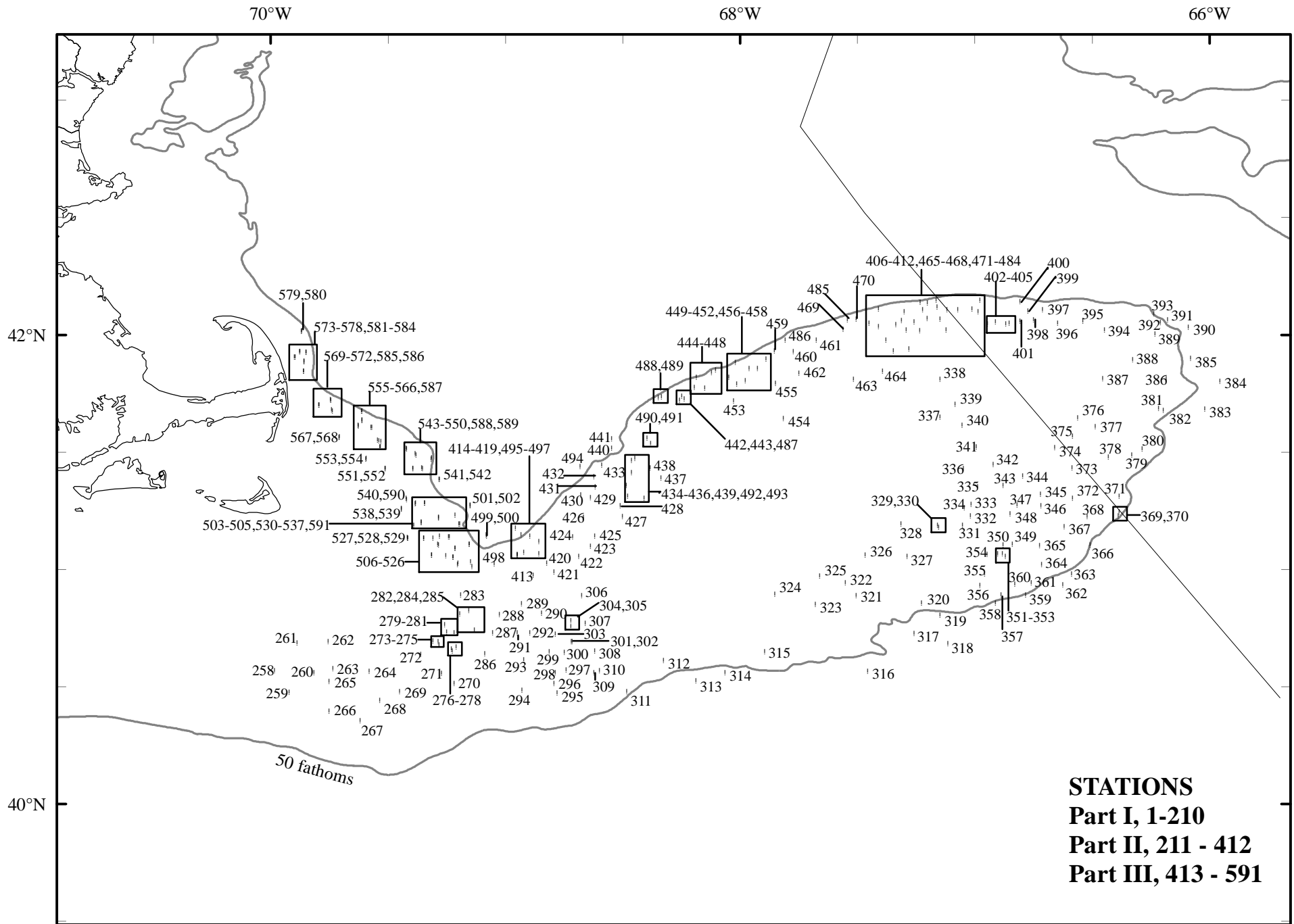


Figure 2. Dredge tows made from R/V *Albatross IV* (07 - 05), during NOAA Fisheries Service, Northeast Fisheries Science Center sea scallop survey, July 10 - August 16, 2007.

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 scientist on each part of the cruise comment on some of the more interesting catches that were brought aboard the research vessel *Albatross IV*.

Cooperative Research: Pairing up with commercial fishing vessels

Leg 1 of the 2007 sea scallop survey began in the intermediate waters off New Jersey in the northern portion of Hudson Canyon Closed Area. We spent a day working our way southwest through the Closed Area. The plan was to meet up with two commercial scallop vessels to conduct a three vessel station comparison during the standard scallop survey. The commercial scallop vessel was the *Nordic Pride*. This vessel deployed our standard 8' scallop survey dredge as well as the newly designed 8' prototype scallop survey dredge which was developed in conjunction with the Sea Scallop Advisory Panel. This allowed for a calibration between a commercial platform with both dredges and the R/V *Albatross IV* which deployed the standard scallop dredge. In addition, an intra-vessel comparison of the two gears can be made. The second vessel was the scallop vessel *Kathy Marie*. This vessel occupied the same station locations as the other two vessels, but deployed a towed underwater digital camera system. The camera system is capable of digitally photographing similar tracks of scallop habitat. The digital pictures are then overlaid and scallop counts and lengths can be calculated from the images. The *Kathy Marie* occupied about 35 of our paired station locations, while the *Nordic Pride* paired on 100 stations. After about four days of cooperative work we broke off and finished the bulk of the tows south of Hudson Canyon Closed Area.

On Leg 2, the commercial scallop vessel *Kathy Marie* paired up with the R/V *Albatross IV* again at station 263, a nonrandom station in the western portion of the Nantucket Lightship Closed Area where we typically capture large numbers of big scallops. Scientists aboard the *Kathy Marie* from the Woods Hole Oceanographic Institution's Center for Image Analysis and Multi-Scale Visualization surveyed the area before and after our tow with their Habitat Mapping Camera System (HabCam). This is the second year they have paired up with us at this specific station. In addition they also resurveyed other stations with the HabCam during the first leg of the survey.

Leg 3 of the sea scallop survey began in the eastern side of Closed Area I east of Cape Cod. We chose a track that took us along the shallow portion of the backside of Georges Bank up to Closed Area II and then looped back to the deeper water back to Closed Area I and the Great South Channel. The commercial scallop vessel *Kathy Marie* was scheduled to meet up with us to continue the three vessel comparison, but had mechanical issues and had to cancel. We did continue the shadow survey between a commercial scallop vessel with the two dredges, and the R/V *Albatross IV*, but this time it was the commercial scallop vessel *Celtic*. This time they paired with us for 91 tows before running out of time. We conducted 17 pairs of rock chain comparison stations in the Great South Channel to try to improve our calibration factor for the rock chain dredge in that area.

Cooperative Research: The FDA tests scallops for toxins

On Legs 2 and 3, scientists from the Food and Drug Administration (FDA) sailed aboard the R/V *Albatross IV*. In addition to performing NEFSC sampling duties at every station, these scientists collected scallop viscera and gonads to test for paralytic shellfish poisoning (PSP) toxicity. They collected samples at almost every station where scallops were captured.

What's large and white and floats in the ocean?

On the morning of July 25th, we had a short detour when a Coast Guard plane spotted what appeared to be a dead whale from the air. Since we were in the vicinity, they asked if we could get a closer look. Once alongside the animal, we could see the remains of large gills in the head, indicating it was not a whale. It was likely a badly decomposed large basking shark.

On the next to the last day of Leg 3, we temporarily stopped operations and steamed 7 nautical miles west toward Wellfleet due to a report of a dead whale. It turned out to be an adult humpback that had its head smashed in, probably from a ship strike. It was so bloated that it was almost totally out of the water. Soon after, we completed the survey and headed home.

Vic Nordahl
Chief Scientist, legs 1 & 3
Vic.Nordahl@noaa.gov

Stacy Rowe
Chief Scientist, leg 2
Stacy.Rowe@noaa.gov

R/V ALBATROSS IV 2007 SEA SCALLOP SURVEY
July 10 - August 16

Station	Station Data				Bottom		Number of Scallops				By-Catch				
	Position Lat. Long.	Loran TD's	heading	Depth (FM)	Temp (F)	Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone	Inverts	Total Vol. (L)		
0001	3944.1	7242.6	X26330.6	Y43235.1	217	37.2	44	3	41	39	2	3	95	138	
0002	3936.4	7250.8	X26383.4	Y43166.3	222	35.0	1902	1569	333	222	2	3	95	46	
0003	3931.6	7256.2	X26417.3	Y43122.4	237	33.4	42.4	347	191	156	131	5	5	90	115
0004	3923.8	7308.6	X26495.2	Y43049.4	188	33.9	609	418	191	101	20	10	70	736	
0005	3921.6	7308.5	X26492.4	Y43028.0	184	32.3	732	456	276	80	20	30	50	368	
0006	3918.7	7308.9	X26492.4	Y42999.7	271	34.4	43.2	664	364	300	102	25	10	65	322
0007	3918.9	7311.0	X26506.6	Y43001.8	305	35.5	116	10	106	57	10	10	80	736	
0008	3921.8	7316.2	X26544.3	Y43030.5	249	29.5	340	299	41	24	10	25	65	690	
0009	3921.4	7333.2	X26657.5	Y43027.4	188	26.2	46.4	226	139	87	70	10	25	65	276
0010	3913.7	7325.6	X26597.3	Y42950.1	96	23.5	114	83	31	28	15	15	70	1058	
0011	3914.7	7323.3	X26583.4	Y42960.2	143	25.2	225	186	39	35	5	15	80	1380	
0012	3913.6	7315.5	X26531.1	Y42949.7	96	32.3	43.7	1222	830	392	120	10	20	70	368
0013	3913.2	7259.0	X26422.7	Y42946.5	236	42.1	6	0	6	6	10	15	75	322	
0014	3910.8	7302.3	X26442.6	Y42923.1	172	36.1	209	107	102	26	5	15	80	92	
0015	3908.0	7305.0	X26458.0	Y42895.7	318	39.9	42.6	500	214	286	68	10	10	80	115
0016	3909.0	7306.7	X26469.7	Y42905.2	298	38.8	165	66	99	31	2	3	95	368	
0017	3911.2	7312.0	X26506.0	Y42926.3	264	35.0	825	297	528	207	6	4	90	92	
0018	3908.7	7318.8	X26547.7	Y42900.9	242	31.7	43.3	548	323	225	140	2	3	95	522
0019	3906.2	7323.8	X26577.2	Y42875.2	221	30.6	634	468	166	110	2	3	95	828	
0020	3903.6	7329.4	X26610.0	Y42848.0	157	29.0	669	581	88	69	1	4	95	1104	
0021	3901.2	7330.9	X26616.7	Y42823.4	77	29.5	44.6	259	165	94	62	2	8	90	782
0022	3904.0	7325.5	X26585.7	Y42852.9	133	31.2	377	267	110	96	3	7	90	966	
0023	3906.4	7314.5	X26517.8	Y42878.7	142	36.6	1133	629	504	76	90	5	5	138	
0024	3904.1	7312.3	X26501.7	Y42856.5	154	38.8	42.4	123	16	107	46	4	1	95	276
0025	3902.0	7311.0	X26491.8	Y42836.1	148	42.1	849	576	273	27	8	2	90	138	
0026	3901.6	7318.8	X26540.8	Y42830.4	181	37.2	148	60	88	63	3	2	95	253	
0027	3856.0	7318.3	X26532.6	Y42774.9	202	36.6	43.0	1038	853	185	79	40	58	2	782
0028	3853.2	7321.0	X26546.8	Y42746.1	328	35.0	708	528	180	110	18	80	2	138	
0029	3855.8	7330.4	X26607.5	Y42769.0	173	30.6	199	134	65	41	10	80	10	828	
0030	3854.1	7341.6	X26674.7	Y42747.6	125	23.0	45.7	236	175	61	60	20	15	65	736
0031	3851.3	7335.4	X26633.3	Y42721.5	95	31.2	315	190	125	75	10	15	75	506	
0032	3851.2	7333.3	X26620.3	Y42721.3	85	31.7	464	275	189	116	10	40	50	782	
0033	3851.6	7326.8	X26580.9	Y42727.9	211	32.3	43.5	962	780	182	134	35	30	35	92
0034	3848.6	7331.0	X26603.5	Y42695.9	220	31.2	2700	110	2590	2520	65	15	20	69	
0035	3847.0	7336.2	X26633.3	Y42677.3	222	30.1	1686	96	1590	1518	15	10	75	322	
0036	3848.9	7338.5	X26649.4	Y42695.6	253	31.2	44.6	630	116	514	436	10	25	65	414
0037	3846.8	7344.4	X26682.5	Y42671.3	205	27.3	296	83	213	181	10	10	80	1012	
0038	3841.8	7346.7	X26690.0	Y42618.5	156	28.4	1312	424	888	748	20	15	65	414	
0039	3841.0	7348.8	X26701.4	Y42609.0	346	27.9	45.3	2079	196	1883	1785	25	25	50	368
0040	3848.2	7346.9	X26699.3	Y42684.5	346	27.3	174	26	148	147	15	15	70	598	

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	Lat.	Long.	Loran TD's	heading	Depth (FM)	Temp (F)	Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone	Inverts	Total Vol. (L)	
0041	3848.8	7357.6	X26764.5	Y42685.6	289	23.5		289	23	266	247	15	20	65	322
0042	3848.6	7405.1	X26809.1	Y42679.7	165	24.1	48.2	295	10	285	276	4	1	95	230
0043	3843.9	7402.4	X26785.8	Y42631.5	234	26.2		612	8	604	604	5	0	95	437
0044	3841.8	7406.3	X26805.5	Y42607.0	243	24.6		127	16	111	98	48	4	48	276
0045	3836.0	7416.8	X26856.9	Y42538.1	89	24.1	49.5	303	73	230	197	9	1	90	184
0046	3836.3	7406.6	X26798.8	Y42548.4	198	29.0		396	14	382	364	8	2	90	276
0047	3833.1	7408.2	X26803.2	Y42513.3	243	26.8		1704	44	1660	1572	4	1	95	184
0048	3831.8	7413.4	X26830.8	Y42495.6	155	24.6	47.5	480	77	403	354	30	10	60	230
0049	3829.2	7411.5	X26816.1	Y42469.3	154	27.9		318	12	306	295	28	2	70	230
0050	3828.3	7409.2	X26801.8	Y42461.6	352	27.3		191	9	182	175	45	10	45	207
0051	3831.3	7409.8	X26809.6	Y42493.0	22	28.4	46.2	880	35	845	790	15	5	80	230
0052	3833.6	7405.2	X26786.8	Y42520.8	57	31.2		394	20	374	342	4	1	95	276
0053	3836.0	7401.0	X26766.0	Y42549.1	30	29.0		493	7	486	474	15	5	80	207
0054	3839.0	7359.2	X26759.8	Y42581.8	94	27.3	46.2	168	0	168	166	45	5	50	276
0055	3839.1	7352.9	X26723.1	Y42586.8	92	25.7		523	25	498	474	60	10	30	184
0056	3838.9	7346.1	X26682.9	Y42588.9	200	31.2		2559	94	2465	2227	15	15	70	138
0057	3835.9	7350.4	X26704.4	Y42555.1	248	31.2	44.8	2016	77	1939	1747	15	30	55	184
0058	3834.4	7356.4	X26737.3	Y42535.4	178	27.9		2976	48	2928	2760	10	15	75	1104
0059	3831.3	7355.0	X26725.2	Y42504.1	102	29.5		1575	70	1505	1345	15	20	65	69
0060	3831.3	7352.0	X26708.0	Y42506.3	212	29.5	44.4	3410	108	3302	3061	70	10	20	33
0061	3828.4	7352.8	X26709.0	Y42475.5	35	32.8		4752	384	4368	3408	5	65	30	128
0062	3831.1	7350.7	X26700.2	Y42505.1	31	31.7		4423	164	4259	3412	20	20	60	50
0063	3833.8	7350.7	X26703.5	Y42533.1	37	31.7	44.4	4953	247	4706	3783	15	15	70	138
0064	3834.4	7349.3	X26696.2	Y42540.3	94	33.9		2421	163	2258	1802	30	30	40	138
0065	3833.7	7347.0	X26682.0	Y42534.6	172	32.3		7920	910	7010	4850	35	30	35	90
0066	3831.2	7347.6	X26682.5	Y42508.4	124	33.4	44.2	4420	570	3850	2180	20	30	50	46
0067	3830.9	7344.5	X26664.4	Y42507.6	35	36.1		2664	222	2442	1518	30	30	40	138
0068	3835.7	7342.2	X26656.4	Y42558.4	182	33.9		3858	426	3432	2352	30	30	40	46
0069	3830.8	7342.8	X26654.5	Y42507.8	32	35.5	43.0	2040	156	1884	1232	8	2	90	92
0070	3833.9	7340.5	X26644.5	Y42541.1	190	33.9		2901	351	2550	1625	80	5	15	46
0071	3831.1	7341.1	X26645.0	Y42512.0	34	36.1		448	47	401	286	5	0	95	207
0072	3831.2	7338.6	X26630.7	Y42514.8	230	37.7	43.2	169	52	117	103	20	0	80	230
0073	3826.2	7345.0	X26662.1	Y42458.9	270	37.2		20	2	18	17	20	0	80	230
0074	3826.4	7349.9	X26690.1	Y42457.1	244	34.4		263	31	232	178	10	30	60	230
0075	3824.3	7355.0	X26716.5	Y42431.1	172	33.9	44.4	266	47	219	174	15	5	80	161
0076	3821.2	7354.5	X26709.9	Y42399.3	330	35.5		17	0	17	13	4	1	95	414
0077	3823.5	7356.5	X26723.9	Y42421.5	343	33.9		698	69	629	543	5	0	95	207
0078	3825.5	7358.6	X26738.2	Y42440.7	22	31.7	44.8	543	12	531	504	20	0	80	276
0079	3828.4	7400.4	X26752.2	Y42469.6	238	29.5		2185	85	2100	1950	8	2	90	115
0080	3826.3	7405.2	X26776.4	Y42443.7	93	31.2		342	3	339	324	15	0	85	276

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0081	3827.0	7403.3	X26766.7	Y42452.6	151	31.2	44.4	840	4	836	792	5	0	95	230
0082	3824.3	7400.0	X26744.5	Y42426.9	204	32.3		255	3	252	249	5	15	80	230
0083	3822.0	7401.4	X26749.4	Y42401.6	166	34.4		73	0	73	71	10	5	85	207
0084	3818.8	7359.6	X26735.4	Y42369.7	89	36.6	44.4	8	2	6	5	5	10	85	230
0085	3818.7	7356.4	X26717.5	Y42371.6	202	38.3		7	0	7	4	10	5	85	230
0086	3816.2	7358.2	X26724.5	Y42343.9	277	36.1		116	30	86	36	10	5	85	138
0087	3818.4	7402.6	X26751.4	Y42362.8	355	35.0	44.4	21	0	21	18	10	5	85	276
0088	3821.2	7402.6	X26755.1	Y42392.2	217	35.0		35	3	32	31	10	5	85	230
0089	3818.5	7405.9	X26769.8	Y42360.7	287	33.4		419	106	313	239	20	5	75	230
0090	3820.7	7410.5	X26798.1	Y42379.8	17	29.0	45.7	913	31	882	852	45	5	50	92
0091	3823.7	7410.1	X26800.2	Y42412.0	267	29.0		252	8	244	238	80	2	18	92
0092	3824.0	7412.0	X26811.2	Y42413.5	277	29.0		804	16	788	760	60	5	35	184
0093	3828.5	7424.1	X26885.6	Y42451.6	271	25.2	49.1	90	74	16	11	30	50	20	92
0094	3821.5	7412.4	X26809.8	Y42386.6	228	30.1		2334	132	2202	2076	50	5	45	92
0095	3819.1	7416.9	X26831.0	Y42356.8	183	29.0		1010	29	981	929	40	10	50	184
0096	3816.2	7416.9	X26826.7	Y42325.8	125	28.4	47.8	1694	53	1641	1546	50	5	45	161
0097	3816.1	7414.4	X26813.0	Y42327.2	31	28.4		1266	15	1251	1172	60	5	35	138
0098	3819.3	7413.0	X26809.9	Y42362.6	156	30.1		1688	10	1678	1659	25	5	70	69
0099	3814.0	7407.1	X26770.4	Y42312.1	146	36.1	44.4	1327	460	867	666	80	5	15	92
0100	3811.7	7404.8	X26755.0	Y42290.3	184	38.8		483	123	360	247	40	40	20	184
0101	3808.7	7404.4	X26749.1	Y42259.2	271	38.8		1488	666	822	141	20	20	60	92
0102	3808.9	7413.0	X26795.5	Y42252.1	210	23.5	47.5	136	11	125	118	45	40	15	69
0103	3808.3	7414.5	X26802.7	Y42244.1	329	21.3		111	23	88	68	95	0	5	138
0104	3809.4	7416.2	X26813.3	Y42254.0	218	25.2		156	31	125	95	80	0	20	161
0105	3808.9	7425.9	X26864.1	Y42238.1	288	23.5	47.5	223	186	37	29	45	50	5	115
0106	3806.2	7417.7	X26816.8	Y42218.2	94	25.2		93	15	78	64	95	0	5	161
0107	3806.7	7414.3	X26799.5	Y42227.3	207	30.1		441	181	260	170	40	0	60	69
0108	3804.3	7416.6	X26808.4	Y42199.3	223	25.7	46.4	939	719	220	175	80	2	18	138
0109	3801.7	7418.7	X26815.9	Y42169.2	201	29.5		366	51	315	261	80	0	20	161
0110	3755.8	7420.3	X26816.3	Y42104.4	331	36.1		123	5	118	112	10	0	90	276
0111	3759.5	7422.2	X26831.1	Y42141.5	220	31.2	44.8	126	12	114	108	10	0	90	253
0112	3759.0	7423.9	X26839.2	Y42134.1	282	30.1		97	18	79	70	8	2	90	173
0113	3758.8	7428.9	X26864.7	Y42125.8	159	27.9		175	59	116	81	85	5	10	138
0114	3754.1	7426.4	X26845.2	Y42078.4	220	31.2	44.6	136	18	118	105	80	5	15	161
0115	3756.7	7432.2	X26878.6	Y42099.0	219	26.8		150	14	136	111	20	5	75	115
0116	3753.8	7434.3	X26884.9	Y42064.9	248	26.8		69	15	54	51	15	5	80	115
0117	3751.6	7440.9	X26914.9	Y42032.3	166	24.1	48.2	70	33	37	34	50	20	30	115
0118	3748.8	7438.9	X26900.6	Y42004.6	140	26.2		201	28	173	119	20	75	5	184
0119	3748.5	7432.9	X26870.2	Y42009.6	90	30.6		213	66	147	93	20	15	65	138
0120	3746.6	7424.9	X26827.5	Y42000.4	201	35.5	44.4	2018	301	1717	1022	10	10	80	138

R/V ALBATROSS IV 2007 SEA SCALLOP SURVEY
July 10 - August 16

Station	Position		Station Data			Bottom		Number of Scallops				By-Catch			
	Lat.	Long.	Loran TD's	heading	Depth (FM)	Temp (F)	Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone	Inverts	Total Vol. (L)	
0121	3744.1	7426.4	X26831.7	Y41971.6	224	36.1		309	74	235	138	20	10	70	115
0122	3739.2	7432.0	X26852.8	Y41911.1	220	32.8		796	248	548	366	20	10	70	115
0123	3741.3	7433.4	X26862.6	Y41931.5	58	31.7	45.5	510	188	322	231	20	10	70	92
0124	3743.7	7430.2	X26850.0	Y41961.9	299	32.3		497	185	312	200	30	10	60	161
0125	3745.5	7434.3	X26872.9	Y41975.4	344	30.6		158	23	135	110	20	5	75	230
0126	3746.4	7440.5	X26904.9	Y41976.3	214	27.3	47.3	69	6	63	50	30	5	65	230
0127	3744.0	7442.6	X26911.7	Y41947.3	201	26.2		51	12	39	33	30	5	65	230
0128	3739.3	7444.6	X26914.4	Y41893.2	201	27.3		110	5	105	79	15	5	80	276
0129	3736.8	7440.6	X26891.4	Y41872.2	192	30.1	47.1	504	238	266	175	10	50	40	265
0130	3734.1	7436.6	X26868.3	Y41849.4	94	35.5									
0131	3734.2	7436.6	X26868.4	Y41850.5	188	35.0		279	114	165	112	15	5	80	161
0132	3733.6	7434.9	X26859.4	Y41846.7	159	33.9		2485	695	1790	645	20	40	40	332
0133	3731.7	7432.3	X26844.4	Y41830.6	196	35.0		3314	1436	1878	378	10	20	70	184
0134	3728.3	7434.5	X26850.5	Y41790.8	254	33.9		1510	577	933	327	80	5	15	46
0135	3729.0	7437.2	X26864.3	Y41793.8	326	30.6		1349	677	672	456	60	10	30	69
0136	3731.4	7440.9	X26885.3	Y41813.6	174	29.5		939	699	240	172	25	50	25	276
0137	3728.3	7440.9	X26881.0	Y41780.2	312	30.1		327	195	132	94	40	40	20	138
0138	3729.5	7442.9	X26892.2	Y41789.9	178	27.3		289	125	164	106	70	10	20	138
0139	3721.9	7442.1	X26878.0	Y41709.6	199	33.4		462	72	390	314	20	50	30	345
0140	3721.4	7444.8	X26890.0	Y41699.5	179	31.2		460	330	130	91	45	45	10	230
0141	3716.3	7444.6	X26882.2	Y41645.2	211	33.9		68	36	32	26	30	50	20	184
0142	3709.1	7450.9	X26901.4	Y41556.4	171	29.0	47.3	0	0	0	0	10	10	80	368
0143	3706.7	7450.5	X26896.5	Y41531.5	176	31.7		0	0	0	0	10	5	85	322
0144	3701.8	7448.8	X26882.6	Y41482.7	184	33.4		708	48	660	506	10	15	75	276
0145	3651.7	7448.8	X26870.2	Y41376.2	180	28.4	46.0	306	306	0	0	30	30	40	230
0146	3644.5	7450.7	X26869.9	Y41296.6	172	25.7		7	7	0	0	70	10	20	138
0147	3639.4	7448.8	X26855.9	Y41248.0	181	27.3		72	72	0	0	70	20	10	46
0148	3636.9	7448.6	X26852.3	Y41222.7	155	31.2	46.4	168	168	0	0	50	20	30	161
0149	3635.7	7447.0	X26844.2	Y41214.2	36	40.5									
0150	3636.5	7445.7	X26839.6	Y41225.5	194	46.5		0	0	0	0	20	10	70	230
0151	3637.6	7445.7	X26840.8	Y41236.8	28	45.9		0	0	0	0	20	10	70	230
0152	3639.0	7446.8	X26847.0	Y41248.6	356	33.9	52.2	0	0	0	0	20	10	70	230
0153	3641.2	7447.0	X26850.3	Y41270.8	358	34.4		2	2	0	0	20	15	65	184
0154	3643.8	7447.0	X26853.2	Y41297.7	359	35.5		0	0	0	0	15	25	60	230
0155	3649.0	7446.5	X26857.0	Y41352.9	359	38.3	52.0	0	0	0	0	5	10	85	207
0156	3700.7	7446.5	X26871.0	Y41475.8	2	37.7		319	139	180	17	30	60	10	184
0157	3705.9	7447.2	X26880.6	Y41529.5	6	37.7		0	0	0	0	20	50	30	184
0158	3716.3	7443.0	X26874.9	Y41648.2	38	33.4		1158	165	993	654	50	10	40	184
0159	3730.8	7430.9	X26836.5	Y41823.3	27	36.6		2080	1216	864	132	50	0	50	92
0160	3740.6	7424.7	X26818.7	Y41936.9	4	40.5		290	94	196	107	35	5	60	138

R/V ALBATROSS IV 2007 SEA SCALLOP SURVEY
 July 10 - August 16

Station	Position		Loran		Depth (FM)	Bottom Temp (F)	Number of Scallops				By-Catch				
	Lat.	Long.	TD's	heading			Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone	Inverts	Total Vol.(L)	
0161	3743.3	7425.5	X26826.1	Y41964.4	34	36.6	45.0	708	276	432	126	60	5	35	161
0162	3748.1	7421.6	X26812.8	Y42020.9	28	36.6		1494	471	1023	429	65	5	30	161
0163	3753.0	7419.3	X26807.5	Y42075.9	4	37.2		177	32	145	66	25	5	70	276
0164	3801.1	7415.3	X26797.3	Y42166.8	46	35.5	44.2	294	53	241	180	30	5	65	184
0165	3806.1	7409.4	X26772.6	Y42226.4	53	42.7		20	4	16	8	15	5	80	138
0166	3811.2	7401.0	X26733.8	Y42288.9	19	43.7		12	11	1	1	20	5	75	184
0167	3836.1	7334.1	X26609.4	Y42567.7	342	36.6	43.3	45	31	14	10	20	20	60	230
0168	3838.1	7333.2	X26606.1	Y42588.5	22	37.2		1620	663	957	657	25	15	60	138
0169	3840.6	7336.1	X26625.8	Y42612.2	303	33.4		3726	414	3312	2304	25	30	45	27
0170	3841.2	7331.3	X26597.9	Y42621.0	21	37.2	43.3	1740	300	1440	1130	20	60	20	207
0171	3836.1	7323.0	X26544.3	Y42574.5	51	45.9		34	33	1	0	10	10	80	138
0172	3841.3	7316.7	X26511.0	Y42629.8	342	49.2		0	0	0	0	5	5	90	184
0173	3846.2	7320.0	X26534.7	Y42676.8	29	41.6	47.1	107	84	23	1	20	20	60	184
0174	3848.2	7313.4	X26496.2	Y42699.5	74	45.4		29	25	4	0	19	1	80	138
0175	3853.7	7300.9	X26423.1	Y42757.9	57	48.1		4	4	0	0	15	75	10	184
0176	3904.2	7254.9	X26391.0	Y42860.4	62	45.9	50.5	0	0	0	0	20	50	30	230
0177	3908.1	7249.0	X26355.0	Y42898.4	32	53.0		0	0	0	0	25	5	70	138
0178	3918.7	7243.2	X26321.5	Y42998.5	358	56.3		0	0	0	0	5	0	95	92
0179	3921.2	7250.3	X26370.0	Y43022.6	346	40.5	43.7	91	62	29	21	8	2	90	138
0180	3921.0	7252.1	X26381.9	Y43020.9	271	39.4		387	208	179	74	5	0	95	92
0181	3920.7	7300.7	X26439.3	Y43018.7	18	37.7		334	105	229	67	8	2	90	138
0182	3926.7	7257.3	X26421.0	Y43075.8	118	34.4	42.4	196	51	145	74	35	40	25	276
0183	3924.3	7250.6	X26373.8	Y43052.0	138	36.6		710	300	410	108	15	5	80	92
0184	3925.9	7241.1	X26310.3	Y43065.6	29	47.6		0	0	0	0	15	5	80	138
0185	3929.0	7240.0	X26304.2	Y43094.2	251	44.8	44.4	3	2	1	0	5	5	90	207
0186	3931.3	7243.6	X26330.0	Y43116.5	242	36.6		1082	901	181	157	10	20	70	23
0187	3928.5	7250.2	X26373.7	Y43091.7	307	33.9		546	391	155	124	10	20	70	138
0188	3936.4	7246.5	X26353.2	Y43165.0	311	37.2	42.3	127	24	103	85	15	60	25	322
0189	3933.4	7302.6	X26463.3	Y43141.1	337	36.1		136	53	83	80	10	10	80	230
0190	3935.4	7304.4	X26477.8	Y43160.9	294	26.2		47	30	17	16	10	10	80	506
0191	3938.5	7310.3	X26522.7	Y43192.6	300	23.0	44.2	29	17	12	11	10	10	80	506
0192	3938.8	7305.5	X26489.1	Y43193.9	67	23.0		4	3	1	1	10	20	70	460
0193	3941.2	7256.4	X26427.0	Y43213.6	19	35.5		338	235	103	65	20	20	60	230
0194	3943.6	7256.2	X26427.8	Y43236.2	264	36.1	43.3	228	72	156	111	10	10	80	184
0195	3943.6	7300.8	X26460.8	Y43238.1	320	29.5		182	127	55	52	10	10	80	299
0196	3948.5	7304.0	X26489.4	Y43286.2	345	33.4		54	22	32	26	10	10	80	230
0197	3946.4	7306.0	X26501.4	Y43267.1	286	26.8	43.7	40	28	12	11	1	1	98	874
0198	3941.7	7320.3	X26597.7	Y43227.3	259	20.2		124	78	46	45	4	1	95	874
0199	3940.8	7321.6	X26605.6	Y43218.9	338	19.1		75	50	25	25	8	2	90	368
0200	3945.8	7328.1	X26659.5	Y43270.7	326	18.6	46.6	34	22	12	8	4	1	95	782

R/V ALBATROSS IV 2007 SEA SCALLOP SURVEY
 July 10 - August 16

Station	Station Data				Depth (FM)	Bottom Temp (F)	Number of Scallops				By-Catch				
	Position Lat. Long.	Loran TD's	heading				Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone	Inverts	Total Vol. (L)	
0201	3948.1	7319.4	X26600.6	Y43289.6	17	23.0		323	179	144	87	20	50	30	230
0202	3953.3	7310.2	X26541.0	Y43335.3	321	29.0		298	167	131	100	15	80	5	253
0203	3956.1	7310.6	X26547.9	Y43362.4	316	45.9	43.7	0	0	0	0	10	5	85	35
0204	3953.5	7312.0	X26554.5	Y43338.2	272	31.2		297	136	161	118	1	98	1	610
0205	3952.9	7322.7	X26632.1	Y43338.2	324	23.5		289	199	90	82	1	4	95	598
0206	3955.6	7320.3	X26618.9	Y43363.2	310	27.9	45.3	106	74	32	20	5	15	80	230
0207	4000.8	7317.0	X26602.9	Y43411.6	288	27.9		84	64	20	10	15	5	80	115
0208	4000.8	7324.0	X26655.3	Y43416.1	308	42.1		1	1	0	0	0	5	95	12
0209	4003.7	7328.7	X26695.8	Y43447.6	308	45.4	44.4	0	0	0	0	5	5	90	92
0210	4000.5	7331.0	X26706.8	Y43417.7	309	24.1		500	384	116	94	5	20	75	184
0211	4014.0	7158.4	X26012.1	Y43470.6	171	36.1	42.4	32	3	29	18	5	0	95	115
0212	4011.0	7202.8	X26045.6	Y43448.9	232	35.5		214	20	194	153	98	1	1	92
0213	4008.5	7206.1	X26070.5	Y43430.2	287	35.5		99	5	94	75	1	1	98	276
0214	4011.5	7220.9	X26185.8	Y43467.8	139	35.5	42.6	2	0	2	2	24	1	75	69
0215	4008.7	7220.2	X26178.7	Y43442.8	270	38.3						0	0	0	0
0216	4008.9	7221.7	X26190.4	Y43445.7	123	38.3		0	0	0	0	50	20	30	115
0217	4008.5	7222.0	X26192.5	Y43442.5	246	37.7		6	0	6	6	9	1	90	138
0218	4009.2	7232.0	X26270.1	Y43456.5	157	32.3	43.7	42	6	36	36	9	1	90	276
0219	4004.2	7231.3	X26260.9	Y43411.4	137	32.3		173	61	112	104	13	2	85	138
0220	3959.4	7223.0	X26195.4	Y43363.0	128	39.4		4	0	4	4	90	3	7	552
0221	3953.6	7229.7	X26242.3	Y43315.3	273	35.0	42.8	572	116	456	196	95	2	3	115
0222	3953.7	7233.6	X26271.2	Y43318.5	307	35.0		615	387	228	160	80	5	15	92
0223	3957.9	7238.3	X26309.0	Y43359.4	328	31.2		472	420	52	50	13	2	85	92
0224	4003.0	7238.8	X26317.0	Y43406.0	324	32.3	43.9	114	10	104	83	12	3	85	184
0225	4003.8	7242.6	X26346.6	Y43415.9	194	31.7		75	36	39	32	9	1	90	253
0226	3958.8	7244.4	X26355.5	Y43371.5	232	31.2		41	26	15	14	4	1	95	276
0227	3953.7	7256.1	X26437.5	Y43331.3	274	29.0	44.4	48	32	16	13	3	2	95	184
0228	3953.2	7305.1	X26503.3	Y43331.6	342	37.7		0	0	0	0	5	40	55	138
0229	4000.6	7252.4	X26417.6	Y43393.3	345	29.5		70	50	20	18	2	1	97	276
0230	4008.6	7256.3	X26457.3	Y43470.3	280	25.7	46.0					0	0	0	0
0231	4008.7	7257.7	X26468.2	Y43472.3	92	25.7		39	27	12	10	1	1	98	552
0232	4008.9	7310.5	X26567.0	Y43484.3	176	24.1		105	91	14	14	1	1	98	598
0233	4003.2	7312.0	X26569.2	Y43431.2	260	22.4		26	19	7	7	1	2	97	782
0234	4000.5	7342.9	X26794.8	Y43425.1	341	19.1	51.1	788	747	41	28	1	1	98	230
0235	4012.9	7346.7	X26851.4	Y43552.1	351	18.6		183	142	41	33	15	10	75	69
0236	4015.7	7347.8	X26866.6	Y43581.0	351	19.1		174	136	38	36	30	60	10	46
0237	4018.0	7347.3	X26868.5	Y43603.5	355	30.6	48.0	0	0	0	0	39	1	60	46
0238	4026.4	7317.7	X26656.3	Y43655.9	102	15.3		3	2	1	1	4	1	95	1104
0239	4021.2	7253.2	X26451.2	Y43583.1	96	24.1		135	115	20	18	4	1	95	506
0240	4018.3	7223.0	X26207.2	Y43528.7	34	30.1	44.2	19	1	18	17	4	1	95	368

R/V ALBATROSS IV 2007 SEA SCALLOP SURVEY
July 10 - August 16

Station	Position		Loran		Depth (FM)	Bottom Temp (F)	Number of Scallops				By-Catch				
	Lat.	Long.	TD's	heading			Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone	Inverts	Total Vol.(L)	
0241	4023.9	7223.6	X26217.0	Y43577.7	129	28.4		12	11	1	0	4	1	95	460
0242	4023.3	7217.8	X26169.7	Y43566.9	67	31.2		32	14	18	18	7	3	90	368
0243	4028.4	7204.8	X26068.3	Y43596.8	342	31.7	43.7	21	1	20	19	2	5	93	230
0244	4033.9	7209.2	X26108.8	Y43647.2	46	30.1		14	0	14	14	1	1	98	322
0245	4036.5	7156.9	X26008.8	Y43654.8	296	29.5		3	0	3	3	1	1	98	414
0246	4038.8	7204.2	X26071.7	Y43681.8	272	27.3	45.0	64	5	59	53	1	1	98	299
0247	4038.7	7211.6	X26133.7	Y43689.7	264	26.2		14	1	13	12	1	1	98	276
0248	4038.2	7216.4	X26173.3	Y43691.2	24	26.2		58	4	54	50	1	1	98	276
0249	4041.2	7216.8	X26180.4	Y43716.6	316	25.7	48.4	60	17	43	35	2	1	97	368
0250	4044.0	7228.4	X26282.6	Y43754.5	96	17.5		3	1	2	2	1	1	98	1610
0251	4043.6	7212.9	X26150.6	Y43731.6	3	24.1		83	10	73	64	1	1	98	644
0252	4051.2	7212.8	X26160.7	Y43793.5	92	17.0	55.9	1	1	0	0	1	1	98	1886
0253	4051.3	7155.1	X26008.1	Y43771.0	126	20.8		179	123	56	51	1	1	98	690
0254	4046.4	7146.2	X25926.5	Y43721.2	222	31.2		4	1	3	3	15	5	80	15
0255	4043.8	7150.6	X25961.7	Y43706.0	152	29.5	45.3	18	1	17	14	5	5	90	276
0256	4043.9	7147.4	X25934.6	Y43703.0	215	29.5		15	7	8	6	8	2	90	644
0257	4036.3	7137.5	X25848.1	Y43631.8	96	39.4		0	0	0	0	1	4	95	46
0258	4034.1	6958.6	W14112.4	Y43520.5	173	32.8	47.3	0	0	0	0	1	0	99	12
0259	4028.6	6954.9	W14111.5	Y43479.9	46	39.4		9	9	0	0	70	0	30	3
0260	4033.6	6948.6	W14061.3	Y43508.9	336	35.5		0	0	0	0	3	5	92	35
0261	4041.2	6952.9	W14057.2	Y43563.7	88	26.2	51.3	4	1	3	3	34	1	65	161
0262	4041.6	6944.9	W14013.5	Y43559.3	167	27.9		0	0	0	0	1	1	98	138
0263	4034.6	6943.8	W14032.7	Y43511.7	108	34.4		1217	1	1216	1216	2	1	97	207
0264	4033.8	6934.4	W13986.9	Y43498.8	238	33.9	50.2	21	6	15	14	9	1	90	138
0265	4031.4	6944.7	W14048.6	Y43490.9	180	36.6		17	17	0	0	75	1	24	46
0266	4023.8	6944.7	W14074.6	Y43439.5	112	39.9		1	1	0	0	60	1	39	161
0267	4021.2	6936.7	W14042.4	Y43416.3	42	38.8	46.8	1	0	1	1	64	1	35	184
0268	4026.4	6931.8	W13999.7	Y43447.7	55	35.5		210	39	171	169	75	1	24	874
0269	4028.8	6926.6	W13964.8	Y43459.9	96	35.0		219	61	158	157	90	1	9	1150
0270	4030.9	6912.7	W13887.5	Y43463.5	333	40.5	47.7	20	3	17	17	9	1	90	92
0271	4033.3	6915.9	W13894.7	Y43481.3	297	32.8		92	14	78	78	9	1	90	115
0272	4038.1	6921.2	W13903.7	Y43516.5	30	26.2		19	0	19	19	14	1	85	207
0273	4041.7	6918.2	W13875.0	Y43537.2	28	30.1	53.2	221	83	138	137	9	1	90	322
0274	4041.5	6916.9	W13869.2	Y43534.9	228	29.5		518	384	134	113	80	5	15	782
0275	4040.7	6916.6	W13870.7	Y43529.5	54	26.8		62	12	50	50	60	1	39	253
0276	4039.7	6913.4	W13858.3	Y43520.5	47	31.2	50.9					0	0	0	0
0277	4040.2	6912.2	W13850.4	Y43522.8	213	34.4						0	0	0	0
0278	4039.1	6913.2	W13859.6	Y43516.5	39	31.2						0	0	0	0
0279	4043.6	6912.7	W13840.0	Y43544.8	337	34.4		330	192	138	121	60	1	39	92
0280	4044.0	6914.7	W13848.5	Y43549.0	22	34.4		1718	1312	406	294	14	1	85	115

R/V ALBATROSS IV 2007 SEA SCALLOP SURVEY
 July 10 - August 16

Station	Position		Loran		Depth (FM)	Bottom Temp (F)	Number of Scallops				By-Catch				
	Lat.	Long.	TD's	heading			Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone	Inverts	Total Vol.(L)	
0281	4045.9	6915.2	W13843.8	Y43561.5	22	26.8	51.1	707	644	63	56	10	5	85	368
0282	4048.7	6911.3	W13813.2	Y43575.9	4	33.9		197	128	69	65	40	20	40	184
0283	4053.6	6911.1	W13792.8	Y43606.4	164	35.0		1236	936	300	168	50	10	40	460
0284	4049.5	6909.0	W13798.4	Y43578.9	167	37.2	51.1	2177	759	1418	1329	45	45	10	759
0285	4044.4	6907.6	W13811.3	Y43545.7	186	37.7		269	74	195	191	45	20	35	253
0286	4038.4	6904.9	W13820.8	Y43505.6	358	41.0		424	56	368	356	40	20	40	253
0287	4043.8	6902.2	W13790.1	Y43538.1	356	43.7	47.7	318	30	288	284	15	70	15	276
0288	4048.4	6901.1	W13763.2	Y43565.3	105	39.4		968	338	630	562	5	10	85	161
0289	4051.2	6855.4	W13723.7	Y43577.8	124	38.3		645	460	185	151	5	85	10	437
0290	4048.8	6850.3	W13708.3	Y43558.8	220	36.6	51.8	72	23	49	48	2	13	85	253
0291	4043.8	6856.6	W13759.0	Y43533.1	93	37.7		129	78	51	36	8	2	90	161
0292	4043.7	6853.4	W13743.7	Y43529.9	161	36.1		262	238	24	20	85	5	10	138
0293	4037.0	6854.9	W13776.9	Y43489.3	175	35.5	47.7	208	192	16	16	15	5	80	69
0294	4029.1	6855.3	W13808.6	Y43439.9	122	40.5		6	1	5	5	75	5	20	161
0295	4028.4	6846.4	W13768.4	Y43429.7	316	41.6		2	2	0	0	80	2	18	184
0296	4030.8	6847.2	W13763.2	Y43445.2	44	38.8	47.5	4	3	1	1	85	1	14	161
0297	4034.2	6844.1	W13735.5	Y43464.2	224	36.6		12	11	1	1	2	1	97	207
0298	4033.6	6846.9	W13751.2	Y43462.4	336	37.2		9	9	0	0	2	1	97	161
0299	4038.9	6848.4	W13738.0	Y43496.4	102	36.1	48.4	99	92	7	6	5	20	75	69
0300	4038.8	6844.6	W13720.1	Y43493.0	40	35.0		82	75	7	6	5	85	10	161
0301	4041.5	6842.7	W13700.4	Y43508.2	322	36.1						0	0	0	0
0302	4041.6	6842.6	W13699.6	Y43508.7	212	36.1		21	10	11	11	10	5	85	115
0303	4043.3	6846.8	W13713.1	Y43522.3	63	35.0	48.4	96	76	20	19	45	5	50	828
0304	4045.4	6842.9	W13685.9	Y43532.2	14	36.1						0	0	0	0
0305	4046.8	6842.8	W13679.9	Y43540.6	270	35.0		31	27	4	4	5	5	90	460
0306	4053.2	6840.1	W13640.9	Y43577.2	174	35.0		13	2	11	11	7	3	90	506
0307	4046.1	6839.2	W13665.4	Y43533.6	168	31.2	54.0	13	9	4	4	10	10	80	276
0308	4039.1	6836.7	W13681.2	Y43489.1	173	32.8		76	49	27	27	10	5	85	184
0309	4033.4	6837.0	W13704.8	Y43454.5	36	37.7		23	17	6	6	60	10	30	92
0310	4034.0	6835.5	W13695.4	Y43457.1	136	38.3	49.3	71	64	7	7	55	5	40	138
0311	4028.7	6828.6	W13683.4	Y43420.3	45	51.9		39	35	4	2	75	5	20	115
0312	4036.7	6819.1	W13608.4	Y43462.6	131	45.9		19	14	5	4	45	35	20	230
0313	4031.5	6810.9	W13591.5	Y43426.3	110	58.0	48.2	0	0	0	0	8	2	90	138
0314	4033.5	6803.5	W13550.4	Y43433.7	66	54.1		70	68	2	0	85	5	10	506
0315	4038.9	6753.3	W13483.5	Y43458.9	118	45.9		9	0	9	9	96	2	2	1150
0316	4033.8	6727.0	W13391.4	Y43414.3	83	60.7	51.4	4	4	0	0	2	1	97	345
0317	4043.6	6715.1	W13301.8	Y43462.1	117	53.0		7	6	1	0	65	15	20	736
0318	4041.0	6706.5	W13277.7	Y43442.9	46	61.2		1	1	0	0	98	1	1	1334
0319	4048.3	6708.5	W13255.1	Y43483.8	324	52.5	47.3	163	158	5	4	98	1	1	667
0320	4051.4	6713.2	W13261.0	Y43503.6	311	49.2		10	0	10	10	98	1	1	437

R/V ALBATROSS IV 2007 SEA SCALLOP SURVEY
July 10 - August 16

Station	Position		Loran		Depth (FM)	Bottom Temp (F)	Number of Scallops				By-Catch			
	Lat.	Long.	TD's	heading			Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone	Inverts	Total Vol.(L)
0321	4053.3	6729.9	W13322.3	Y43525.0	320	42.1	92	77	15	4	2	1	97	69
0322	4056.5	6732.7	W13320.4	Y43544.6	226	38.8	52	24	28	23	39	1	60	92
0323	4051.1	6740.4	W13376.6	Y43519.9	288	38.8	13	3	10	9	1	1	98	69
0324	4053.6	6750.8	W13411.4	Y43541.3	60	33.9	4	1	3	3	85	2	13	92
0325	4058.2	6739.2	W13340.9	Y43558.7	52	36.1	38	29	9	6	48	2	50	138
0326	4103.6	6727.7	W13268.1	Y43579.9	87	33.9	9	0	9	9	49	1	50	69
0327	4103.3	6716.9	W13224.3	Y43570.4	359	36.1	96	9	87	87	40	2	58	368
0328	4111.5	6718.5	W13194.2	Y43615.6	101	29.5	2	1	1	1	4	1	95	1196
0329	4111.2	6709.1	W13156.9	Y43606.8	98	33.4					0	0	0	0
0330	4110.8	6708.8	W13157.5	Y43604.5	259	32.8	97	18	79	79	20	1	79	115
0331	4111.2	6702.8	W13131.5	Y43602.2	40	36.6	183	85	98	97	49	1	50	322
0332	4113.7	6700.8	W13112.1	Y43613.8	358	36.1	73	12	61	60	49	1	50	115
0333	4116.6	6700.5	W13097.6	Y43628.6	208	36.1	112	23	89	88	34	1	65	184
0334	4115.8	6702.3	W13108.5	Y43625.8	328	36.6	46	3	43	43	39	1	60	184
0335	4121.1	6658.8	W13070.0	Y43650.6	0	36.1	21	2	19	19	49	1	50	184
0336	4125.8	6702.5	W13062.6	Y43677.8	0	34.4	1	0	1	1	5	5	90	1702
0337	4138.9	6708.5	W13023.8	Y43749.8	235	31.7	4	4	0	0	70	10	20	173
0338	4148.6	6708.5	W12975.7	Y43798.6	108	30.1	0	0	0	0	25	70	5	253
0339	4142.1	6704.6	W12992.3	Y43762.4	196	32.8	0	0	0	0	20	0	80	46
0340	4136.8	6702.8	W13011.1	Y43734.1	150	33.4	0	0	0	0	20	0	80	253
0341	4131.2	6659.2	W13023.8	Y43702.6	140	35.5	1	0	1	1	10	0	90	299
0342	4126.8	6654.9	W13027.8	Y43676.7	134	36.6	29	17	12	12	65	0	35	184
0343	4121.4	6652.4	W13043.3	Y43647.2	53	39.4	117	53	64	64	85	0	15	299
0344	4123.8	6647.3	W13012.3	Y43655.5	141	41.0	231	119	112	111	90	0	10	161
0345	4119.2	6642.8	W13016.4	Y43628.7	180	42.1	162	24	138	137	10	0	90	345
0346	4116.3	6642.7	W13029.4	Y43613.9	264	42.7	137	30	107	107	10	0	90	69
0347	4116.4	6648.9	W13052.9	Y43618.9	208	39.9	229	75	154	154	10	0	90	104
0348	4114.1	6650.5	W13069.6	Y43608.3	182	39.4	348	176	172	171	10	0	90	92
0349	4106.4	6650.0	W13102.5	Y43568.0	273	39.9	158	86	72	72	20	0	80	92
0350	4106.2	6652.3	W13112.4	Y43568.6	168	39.4	255	144	111	111	15	1	84	92
0351	4104.0	6652.6	W13123.4	Y43557.3	276	38.8					0	0	0	0
0352	4104.0	6653.8	W13128.1	Y43558.1	91	38.8					0	0	0	0
0353	4103.4	6651.8	W13122.9	Y43553.6	191	42.1	202	45	157	157	59	1	40	69
0354	4103.8	6656.5	W13139.6	Y43558.9	144	39.4	504	328	176	169	30	1	69	69
0355	4058.7	6657.1	W13164.5	Y43532.4	213	39.4	124	86	38	33	9	1	90	69
0356	4055.9	6658.3	W13181.5	Y43518.3	129	44.8	307	188	119	118	84	1	15	115
0357	4053.5	6652.9	W13170.6	Y43502.2	186	50.3	64	5	59	41	90	5	5	966
0358	4051.3	6654.3	W13185.6	Y43491.3	117	51.4	259	250	9	0	90	5	5	690
0359	4053.4	6646.6	W13146.6	Y43497.8	334	53.0	412	410	2	1	90	5	5	667
0360	4056.1	6649.4	W13145.7	Y43513.7	90	49.8	3163	3086	77	60	85	3	12	253

R/V ALBATROSS IV 2007 SEA SCALLOP SURVEY
 July 10 - August 16

Station	Position		Station Data			Bottom		Number of Scallops				By-Catch			
	Lat.	Long.	Loran TD's	heading	Depth (FM)	Temp (F)	Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone	Inverts	Total Vol. (L)	
0361	4056.5	6645.1	W13127.3	Y43513.2	101	49.8	47.8	20	20	0	0	85	10	5	1334
0362	4056.1	6637.1	W13098.5	Y43506.2	43	58.0		190	190	0	0	90	5	5	1104
0363	4058.7	6634.9	W13078.9	Y43518.4	322	53.0		43	36	7	0	98	1	1	368
0364	4101.2	6642.5	W13096.7	Y43536.1	346	40.5	46.0	621	214	407	360	54	1	45	69
0365	4106.0	6643.1	W13077.7	Y43561.3	80	44.3		510	23	487	477	50	1	49	46
0366	4106.2	6630.1	W13027.7	Y43553.8	312	48.7		1975	1831	144	18	35	60	5	230
0367	4110.9	6636.8	W13031.7	Y43582.2	59	45.9	46.2	1208	400	808	778	45	10	45	46
0368	4113.6	6630.9	W12997.3	Y43591.9	86	50.3		634	430	204	93	85	1	14	115
0369	4113.7	6622.9	W12967.3	Y43587.0	359	50.3						0	0	0	0
0370	4114.6	6622.7	W12962.5	Y43591.4	177	50.9		277	269	8	2	89	1	10	184
0371	4118.6	6622.7	W12944.2	Y43611.3	271	51.9	45.0	223	132	91	18	89	1	10	92
0372	4118.2	6634.6	W12990.0	Y43617.7	360	47.0		333	310	23	23	60	0	40	15
0373	4125.9	6634.7	W12954.5	Y43656.4	334	48.1		107	29	78	74	60	1	39	92
0374	4131.1	6639.2	W12946.8	Y43685.8	55	42.7	49.6	58	27	31	31	60	1	39	69
0375	4134.0	6634.7	W12916.0	Y43696.6	10	44.8		76	33	43	43	40	0	60	69
0376	4138.7	6633.3	W12888.1	Y43718.6	124	39.4		1	1	0	0	80	0	20	69
0377	4136.6	6628.8	W12881.6	Y43704.7	165	46.5	47.1	30	13	17	17	85	1	14	46
0378	4128.7	6625.4	W12906.9	Y43663.3	94	51.9		224	135	89	83	85	7	8	506
0379	4129.3	6619.5	W12882.7	Y43661.8	55	50.3		174	94	80	77	74	1	25	69
0380	4130.7	6616.9	W12866.7	Y43666.7	20	47.6	43.7	309	194	115	111	74	1	25	69
0381	4141.1	6612.6	W12801.7	Y43713.7	107	48.7						0	0	0	0
0382	4140.7	6611.4	W12799.4	Y43710.8	291	49.2		1082	921	161	145	75	10	15	230
0383	4141.0	6600.8	W12761.4	Y43704.1	352	51.9		73	10	63	61	80	10	10	207
0384	4148.1	6556.9	W12713.8	Y43734.4	20	56.3	42.8	271	113	158	138	45	35	20	368
0385	4153.9	6604.4	W12710.5	Y43767.5	209	51.4		250	153	97	80	30	60	10	460
0386	4148.7	6610.7	W12757.9	Y43748.2	145	45.4		738	533	205	135	30	60	10	230
0387	4148.7	6627.0	W12815.8	Y43761.8	98	44.8	48.2	56	13	43	40	5	80	15	230
0388	4153.6	6619.2	W12763.4	Y43778.5	50	44.3		1568	778	790	506	2	97	1	828
0389	4200.2	6613.6	W12710.5	Y43804.6	43	45.9		1033	395	638	316	2	97	1	782
0390	4201.9	6605.0	W12672.4	Y43805.0	301	52.5	43.5	354	164	190	142	1	98	1	345
0391	4203.7	6610.3	W12681.3	Y43817.9	274	50.3		2391	1041	1350	588	2	97	1	276
0392	4203.1	6612.2	W12690.9	Y43816.8	314	49.8		2236	188	2048	1288	30	65	5	322
0393	4205.3	6613.9	W12685.5	Y43828.5	299	51.9	42.6	2820	1236	1584	608	10	85	5	368
0394	4201.1	6626.5	W12751.5	Y43820.2	293	44.8		642	205	437	272	8	90	2	414
0395	4203.4	6632.0	W12759.6	Y43836.1	295	45.9		267	50	217	166	2	97	1	368
0396	4202.9	6638.4	W12785.7	Y43839.7	273	40.5	47.7	2473	2222	251	194	2	97	1	391
0397	4206.3	6642.3	W12782.6	Y43859.5	227	41.0		1665	125	1540	1300	2	97	1	851
0398	4203.8	6644.7	W12804.7	Y43850.0	213	38.3		407	166	241	194	4	95	1	506
0399	4206.0	6646.1	W12798.5	Y43861.8	325	37.7	50.7	156	22	134	113	45	45	10	690
0400	4208.4	6648.1	W12793.5	Y43875.1	247	46.5		14	2	12	6	5	85	10	1288

R/V ALBATROSS IV 2007 SEA SCALLOP SURVEY
 July 10 - August 16

Station	Position		Loran		Depth (FM)	Bottom Temp (F)	Number of Scallops				By-Catch				
	Lat.	Long.	TD's	heading			Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone	Inverts	Total Vol.(L)	
0401	4203.4	6648.0	W12819.3	Y43851.2	236	39.9	1038	486	552	394	50	35	15	598	
0402	4203.0	6650.8	W12832.1	Y43852.0	291	39.9	624	158	466	364	50	40	10	276	
0403	4202.8	6651.6	W12836.2	Y43851.8	297	41.0	293	123	170	143	25	60	15	253	
0404	4203.2	6654.4	W12845.0	Y43856.5	309	36.6	1485	1153	332	213	40	45	15	460	
0405	4202.8	6656.4	W12854.8	Y43856.5	323	31.7	53.1	676	566	110	80	30	55	15	276
0406	4205.8	6658.7	W12848.2	Y43873.2	359	33.9	1356	1007	349	276	40	45	15	736	
0407	4208.8	6658.3	W12830.8	Y43887.2	222	45.4	1167	536	631	473	35	55	10	552	
0408	4206.5	6700.3	W12850.8	Y43878.2	234	33.9	4014	3327	687	561	15	75	10	1426	
0409	4206.3	6704.0	W12866.5	Y43881.0	268	31.7	4851	4167	684	543	30	55	15	736	
0410	4206.3	6706.7	W12877.3	Y43883.7	311	31.2	2215	255	1960	1920	30	25	45	391	
0411	4208.8	6709.5	W12875.4	Y43898.7	190	49.2	47.1	927	25	902	864	5	65	30	506
0412	4207.1	6709.3	W12883.6	Y43890.2	190	33.4	82	9	73	70	1	98	1	690	
0413	4058.4	6852.5	W13680.0	Y43619.2	342	37.7	1215	275	940	930	70	5	25	529	
0414	4104.3	6854.9	W13667.4	Y43657.1	355	41.6	384	42	342	330	20	40	40	138	
0415	4110.6	6857.0	W13651.1	Y43696.9	7	57.4	40.8	114	1	113	113	25	20	55	69
0416	4108.8	6855.6	W13651.8	Y43684.8	71	54.1	12	1	11	11	5	5	90	690	
0417	4108.4	6853.3	W13642.0	Y43680.2	62	50.3	106	8	98	96	50	25	25	138	
0418	4107.2	6851.0	W13635.6	Y43670.8	202	43.2	44.6	808	151	657	618	30	20	50	184
0419	4104.0	6851.0	W13649.2	Y43651.6	141	38.3	470	199	271	267	40	20	40	276	
0420	4101.6	6849.0	W13649.4	Y43635.4	173	35.0	9	8	1	1	60	20	20	50	
0421	4059.4	6847.2	W13649.8	Y43620.5	110	34.4	56.1	263	100	163	156	10	50	40	92
0422	4103.3	6840.9	W13602.5	Y43638.2	37	30.6	1807	152	1655	1624	20	20	60	437	
0423	4105.9	6837.9	W13576.8	Y43650.8	305	29.5	30	10	20	20	10	20	70	92	
0424	4108.2	6842.4	W13588.9	Y43668.6	23	35.5	56.1	485	342	143	125	80	10	10	92
0425	4108.5	6836.7	W13559.8	Y43665.0	319	34.4	477	84	393	381	50	30	20	184	
0426	4113.4	6839.6	W13552.5	Y43696.4	57	33.9	238	124	114	108	20	10	70	138	
0427	4113.5	6829.7	W13504.0	Y43687.5	320	30.6	58.1	60	37	23	23	50	10	40	253
0428	4116.1	6830.3	W13495.3	Y43703.0	292	29.0	6	4	2	1	0	5	95	518	
0429	4118.3	6837.9	W13522.4	Y43723.1	285	38.8	111	7	104	94	70	5	25	69	
0430	4119.0	6840.3	W13531.0	Y43729.6	75	44.3	46.4	621	18	603	603	40	5	55	69
0431	4121.2	6836.7	W13503.4	Y43738.6	335	43.2	356	119	237	231	40	20	40	46	
0432	4123.8	6836.9	W13492.6	Y43753.7	23	49.8	104	63	41	39	30	60	10	92	
0433	4126.7	6835.0	W13470.0	Y43768.2	166	51.9	44.8	118	98	20	20	5	15	80	713
0434	4121.6	6828.7	W13462.8	Y43732.9	180	41.0	37	3	34	33	75	10	15	345	
0435	4118.7	6828.4	W13474.5	Y43716.0	93	33.4	45	10	35	34	2	8	90	483	
0436	4118.1	6824.1	W13456.6	Y43708.5	358	30.6	59.5	203	151	52	43	65	10	25	345
0437	4123.3	6819.9	W13412.9	Y43733.7	330	31.7	289	199	90	76	30	15	55	368	
0438	4125.9	6822.6	W13413.7	Y43751.0	316	32.3	2	0	2	2	8	2	90	414	
0439	4128.4	6826.5	W13420.8	Y43769.0	306	41.0	51.3	15	3	12	7	10	10	80	322
0440	4131.0	6832.5	W13437.7	Y43789.8	331	55.2	39	0	39	39	10	10	80	506	

R/V ALBATROSS IV 2007 SEA SCALLOP SURVEY
July 10 - August 16

Station	Position		Loran		Depth (FM)	Bottom Temp (F)	Number of Scallops				By-Catch			
	Lat.	Long.	TD's	heading			Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone	Inverts	Total Vol.(L)
0441	4133.3	6832.4	W13426.4	Y43802.6	43	62.3	3	0	3	3	10	10	80	368
0442	4143.3	6815.1	W13294.9	Y43838.7	62	22.4					0	0	0	0
0443	4143.6	6813.9	W13287.7	Y43839.0	105	22.4	0	0	0	0	10	5	85	1242
0444	4146.5	6811.4	W13261.6	Y43851.8	96	37.7	34	11	23	22	5	5	90	874
0445	4146.3	6808.7	W13249.9	Y43847.8	127	29.5	5	1	4	4	5	5	90	1472
0446	4149.0	6810.8	W13246.3	Y43864.5	167	53.0	91	21	70	69	2	8	90	1104
0447	4150.4	6806.9	W13221.0	Y43867.5	39	53.0					0	0	0	0
0448	4151.0	6805.9	W13213.3	Y43869.6	15	55.2	27	8	19	18	5	20	75	552
0449	4152.9	6800.8	W13180.1	Y43873.9	4	53.0	107	36	71	58	5	15	80	460
0450	4148.2	6758.2	W13191.9	Y43846.5	351	23.0	2	0	2	2	2	3	95	391
0451	4147.4	6800.5	W13206.4	Y43844.8	355	24.1	0	0	0	0	5	1	94	920
0452	4149.1	6802.5	W13207.1	Y43855.9	2	33.4	47	28	19	16	30	5	65	184
0453	4143.1	6801.2	W13231.0	Y43822.8	352	17.0	0	0	0	0	30	50	20	391
0454	4138.5	6748.5	W13196.1	Y43785.4	358	18.0	0	0	0	0	90	1	9	2208
0455	4147.6	6750.5	W13160.0	Y43835.2	315	21.3	62	7	55	51	20	50	30	230
0456	4151.4	6757.3	W13171.6	Y43862.3	32	32.8	74	46	28	26	20	5	75	690
0457	4151.2	6755.2	W13163.1	Y43859.0	26	30.6	32	0	32	32	10	1	89	1311
0458	4153.7	6753.0	W13140.4	Y43869.5	36	31.7	55	9	46	41	10	1	89	1150
0459	4155.9	6750.9	W13119.7	Y43878.6	28	36.6	42	7	35	34	10	1	89	644
0460	4155.7	6746.0	W13098.8	Y43872.3	11	25.7	27	4	23	23	9	1	90	644
0461	4158.7	6740.1	W13057.3	Y43881.2	219	26.2	43	14	29	25	30	60	10	345
0462	4150.1	6744.6	W13121.1	Y43842.0	30	20.8	1	0	1	0	60	30	10	1840
0463	4148.5	6730.6	W13068.2	Y43819.5	67	19.7	0	0	0	0	10	5	85	1679
0464	4150.7	6723.2	W13025.7	Y43823.3	58	30.1	234	52	182	131	60	20	20	1380
0465	4156.3	6716.4	W12968.8	Y43844.6	252	29.0	899	107	792	700	25	10	65	1058
0466	4155.9	6720.5	W12987.9	Y43846.7	331	25.7	319	188	131	105	60	20	20	1380
0467	4158.6	6722.3	W12981.5	Y43862.0	354	28.4	517	336	181	121	40	40	20	920
0468	4202.0	6724.2	W12971.8	Y43880.8	210	25.7	165	55	110	90	40	55	5	644
0469	4201.3	6733.3	W13014.2	Y43886.9	75	27.3	2843	2745	98	87	40	40	20	483
0470	4204.0	6730.0	W12985.9	Y43896.9	47	38.8	25	11	14	12	10	5	85	230
0471	4202.9	6726.6	W12977.2	Y43887.8	140	30.1	1076	898	178	156	10	80	10	552
0472	4202.5	6719.8	W12950.8	Y43878.7	2	27.9	1357	321	1036	1004	80	10	10	943
0473	4203.6	6718.3	W12938.8	Y43882.5	165	27.3	2447	165	2282	2254	90	5	5	391
0474	4201.1	6717.1	W12946.9	Y43869.0	87	23.5	2623	278	2345	2070	75	10	15	966
0475	4201.0	6713.7	W12933.4	Y43865.0	91	26.8	2142	450	1692	1524	80	10	10	874
0476	4201.1	6706.9	W12905.3	Y43858.7	37	26.8	5	5	0	0	5	1	94	46
0477	4203.9	6708.4	W12896.7	Y43873.8	260	29.5	1530	18	1512	1488	90	2	8	989
0478	4204.1	6711.8	W12909.5	Y43878.3	258	26.8	3398	462	2936	2560	90	8	2	598
0479	4203.2	6715.1	W12927.7	Y43877.3	28	25.2	3352	1000	2352	2304	85	10	5	230
0480	4206.3	6712.9	W12902.4	Y43890.1	136	29.0	47	27	20	20	10	80	10	575

R/V ALBATROSS IV 2007 SEA SCALLOP SURVEY
July 10 - August 16

Station	Position		Station Data			Bottom		Number of Scallops				By-Catch			
	Lat.	Long.	Loran TD's	heading	Depth (FM)	Temp (F)	Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone	Inverts	Total Vol. (L)	
0481	4208.2	6711.7	W12887.5	Y43898.1	271	47.0	990	10	980	980	80	15	5	368	
0482	4208.3	6713.6	W12894.7	Y43900.5	263	50.3	1532	0	1532	1516	50	30	20	460	
0483	4205.8	6717.7	W12924.7	Y43892.7	282	27.9	47.7	1541	881	660	645	40	40	20	184
0484	4206.6	6724.2	W12947.6	Y43903.5	256	48.7	457	40	417	235	10	5	85	184	
0485	4203.8	6732.2	W12996.4	Y43898.2	255	44.3	36	16	20	19	10	2	88	184	
0486	4158.7	6748.1	W13092.7	Y43889.8	244	46.5	43.3	113	29	84	72	10	5	85	138
0487	4144.3	6814.5	W13287.1	Y43843.4	249	30.6	28	0	28	28	5	5	90	230	
0488	4144.1	6819.8	W13313.3	Y43848.2	227	42.7					0	0	0	0	
0489	4143.8	6820.5	W13318.1	Y43847.3	173	44.3	1	0	1	1	10	5	85	621	
0490	4133.4	6823.4	W13382.3	Y43793.6	177	26.2	478	434	44	40	60	20	20	966	
0491	4132.2	6822.6	W13384.2	Y43786.1	212	26.8	132	84	48	44	70	20	10	437	
0492	4127.8	6827.4	W13427.9	Y43766.5	194	43.2	0	0	0	0	0	0	100	1	
0493	4124.7	6827.4	W13442.3	Y43749.1	281	41.0	53.2	32	2	30	29	70	10	20	253
0494	4126.3	6840.6	W13499.3	Y43771.8	204	55.2	211	42	169	168	5	2	93	253	
0495	4103.8	6856.6	W13678.0	Y43655.7	187	43.2					0	0	0	0	
0496	4103.6	6856.6	W13678.8	Y43654.5	179	43.2	3023	317	2706	2665	30	60	10	207	
0497	4103.7	6856.6	W13678.4	Y43655.1	184	44.8	861	159	702	693	50	30	20	184	
0498	4101.3	6902.5	W13718.0	Y43646.1	338	43.2	218	85	133	121	20	40	40	161	
0499	4108.5	6904.4	W13697.5	Y43691.7	335	57.4	101	1	100	98	20	50	30	69	
0500	4108.8	6904.5	W13696.8	Y43693.6	339	56.9	83	5	78	76	40	30	30	69	
0501	4116.4	6908.6	W13685.2	Y43743.7	234	55.2	16	6	10	7	40	20	40	23	
0502	4116.2	6908.6	W13686.1	Y43742.5	199	54.7	6	2	4	4	20	30	50	12	
0503	4113.7	6912.5	W13717.0	Y43731.5	222	49.8	41.4	47	44	3	3	2	90	8	322
0504	4111.6	6911.5	W13720.8	Y43717.7	99	46.5	198	185	13	9	10	60	30	207	
0505	4111.6	6911.2	W13719.2	Y43717.4	82	53.6	86	78	8	4	20	60	20	58	
0506	4106.5	6908.8	W13728.4	Y43683.9	164	45.9	132	66	66	45	5	90	5	782	
0507	4106.3	6908.8	W13729.3	Y43682.7	165	45.9	150	43	107	87	5	85	10	690	
0508	4100.7	6908.2	W13749.4	Y43647.8	351	39.4					0	0	0	0	
0509	4101.9	6908.5	W13746.0	Y43655.4	182	37.2	45.3	452	99	353	209	10	80	10	667
0510	4101.3	6911.8	W13765.3	Y43654.9	336	31.7	144	4	140	127	25	50	25	12	
0511	4101.5	6911.7	W13764.0	Y43656.1	342	29.5	70	4	66	57	50	20	30	8	
0512	4103.1	6913.1	W13764.6	Y43667.3	312	32.3	446	200	246	152	10	80	10	384	
0513	4103.0	6912.9	W13764.0	Y43666.5	347	32.3	640	272	368	202	30	50	20	460	
0514	4103.5	6914.8	W13771.7	Y43671.4	8	31.2	2586	1869	717	345	20	70	10	552	
0515	4105.4	6912.5	W13752.0	Y43680.9	352	27.3	79	21	58	33	10	70	20	437	
0516	4105.3	6912.5	W13752.4	Y43680.3	350	28.4	66	13	53	30	20	50	30	230	
0517	4108.2	6914.1	W13748.6	Y43699.7	348	31.2	444	205	239	109	10	85	5	414	
0518	4108.3	6913.9	W13747.1	Y43700.1	346	30.6	666	261	405	216	5	85	10	782	
0519	4108.5	6916.5	W13759.8	Y43704.0	352	26.2	444	134	310	194	15	70	15	874	
0520	4106.2	6916.7	W13770.4	Y43690.0	346	31.2	2460	1540	920	272	10	80	10	483	

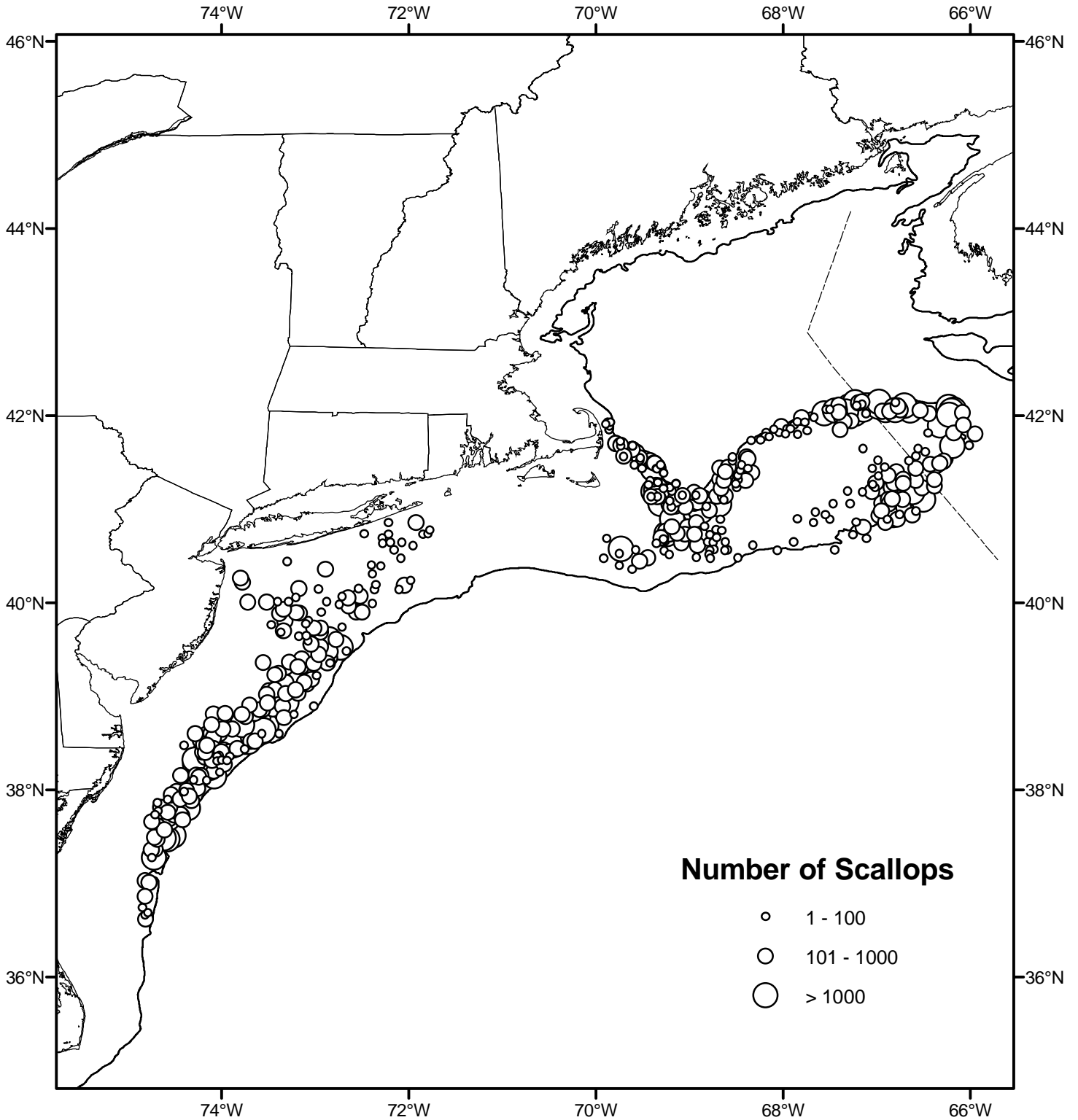
R/V ALBATROSS IV 2007 SEA SCALLOP SURVEY
 July 10 - August 16

Station	Position		Station Data			Depth (FM)	Bottom Temp (F)	Number of Scallops				By-Catch			
	Lat.	Long.	Loran TD's	heading	Total No.			<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone	Inverts	Total Vol.(L)	
0521	4106.4	6916.9	W13770.6	Y43691.5	350	31.7		1860	1095	765	243	5	90	5	1035
0522	4103.7	6918.5	W13790.0	Y43676.4	2	31.2		1632	1302	330	218	20	70	10	1150
0523	4103.6	6918.5	W13790.4	Y43675.7	360	30.1		1446	915	531	372	20	70	10	690
0524	4108.0	6918.2	W13770.7	Y43702.7	288	31.2		3860	2568	1292	492	10	80	10	874
0525	4108.0	6920.5	W13782.7	Y43705.0	327	27.3		161	102	59	40	5	85	10	828
0526	4107.9	6920.5	W13783.1	Y43704.4	324	27.3		87	61	26	21	2	96	2	736
0527	4108.0	6924.6	W13804.2	Y43709.3	26	21.9		3	1	2	2	5	60	35	414
0528	4108.1	6924.7	W13804.3	Y43710.0	37	21.3						0	0	0	0
0529	4108.0	6924.6	W13804.2	Y43709.3	38	21.9		107	13	94	80	10	40	50	943
0530	4111.2	6923.0	W13782.4	Y43727.4	58	24.6	42.8	2970	2360	610	224	30	60	10	782
0531	4111.9	6921.1	W13769.5	Y43729.7	138	28.4		3594	2354	1240	372	20	70	10	483
0532	4112.1	6921.1	W13768.7	Y43730.9	129	26.8		1002	617	385	255	20	70	10	575
0533	4113.2	6916.7	W13741.0	Y43732.9	357	33.4		8	8	0	0	2	90	8	460
0534	4113.3	6916.7	W13740.6	Y43733.6	352	33.9		27	25	2	2	10	70	20	230
0535	4116.9	6920.2	W13743.5	Y43759.3	205	36.1	44.4	62	44	18	13	10	80	10	391
0536	4116.9	6922.6	W13756.2	Y43761.9	221	27.3		74	19	55	54	90	5	5	46
0537	4116.8	6922.7	W13757.1	Y43761.4	201	27.3		42	20	22	19	97	2	1	92
0538	4115.4	6926.2	W13781.7	Y43756.8	356	24.1		4	2	2	2	20	50	30	322
0539	4115.5	6926.2	W13781.2	Y43757.4	354	24.1		13	6	7	7	50	20	30	368
0540	4117.9	6924.9	W13764.1	Y43770.6	3	24.1		24	18	6	6	90	5	5	92
0541	4123.1	6916.5	W13697.1	Y43792.5	358	64.0		10	8	2	2	95	3	2	230
0542	4123.1	6916.5	W13697.1	Y43792.5	356	63.4		8	7	1	1	30	60	10	966
0543	4128.2	6918.6	W13685.5	Y43825.4	1	48.1		99	0	99	99	10	10	80	460
0544	4128.4	6918.5	W13684.1	Y43826.5	17	48.1		28	3	25	25	70	10	20	161
0545	4125.7	6920.8	W13708.3	Y43813.1	344	36.1		87	40	47	44	80	10	10	414
0546	4125.7	6923.2	W13721.1	Y43815.9	339	26.2		2136	1624	512	156	10	85	5	598
0547	4125.7	6923.2	W13721.1	Y43815.9	346	26.8		2650	2092	558	189	2	95	3	920
0548	4129.2	6922.5	W13701.8	Y43836.0	146	39.9		135	92	43	39	10	80	10	690
0549	4129.5	6922.7	W13701.5	Y43838.0	146	39.4		214	126	88	87	10	85	5	644
0550	4130.8	6924.9	W13707.4	Y43848.4	333	35.5	50.0	559	414	145	86	30	60	10	690
0551	4125.8	6930.4	W13759.3	Y43825.0	301	20.2		61	18	43	37	5	80	15	598
0552	4125.9	6930.3	W13758.3	Y43825.5	330	19.7		81	26	55	53	5	90	5	1058
0553	4128.2	6935.3	W13775.3	Y43845.5	39	17.0		0	0	0	0	2	95	3	470
0554	4128.4	6935.1	W13773.3	Y43846.5	48	17.0		12	8	4	4	5	90	5	437
0555	4131.2	6931.6	W13741.9	Y43859.0	118	24.1	44.1	237	210	27	23	10	80	10	736
0556	4133.0	6932.3	W13737.6	Y43870.7	286	27.9						10	85	5	1012
0557	4132.9	6932.0	W13736.4	Y43869.7	282	26.8		165	65	100	69	5	85	10	966
0558	4132.7	6931.5	W13734.6	Y43867.9	304	28.4		31	6	25	19	5	90	5	1242
0559	4136.3	6934.0	W13732.0	Y43892.5	293	36.6		249	106	143	128	10	85	5	460
0560	4136.3	6933.8	W13730.9	Y43892.3	284	37.7		168	72	96	81	5	90	5	368

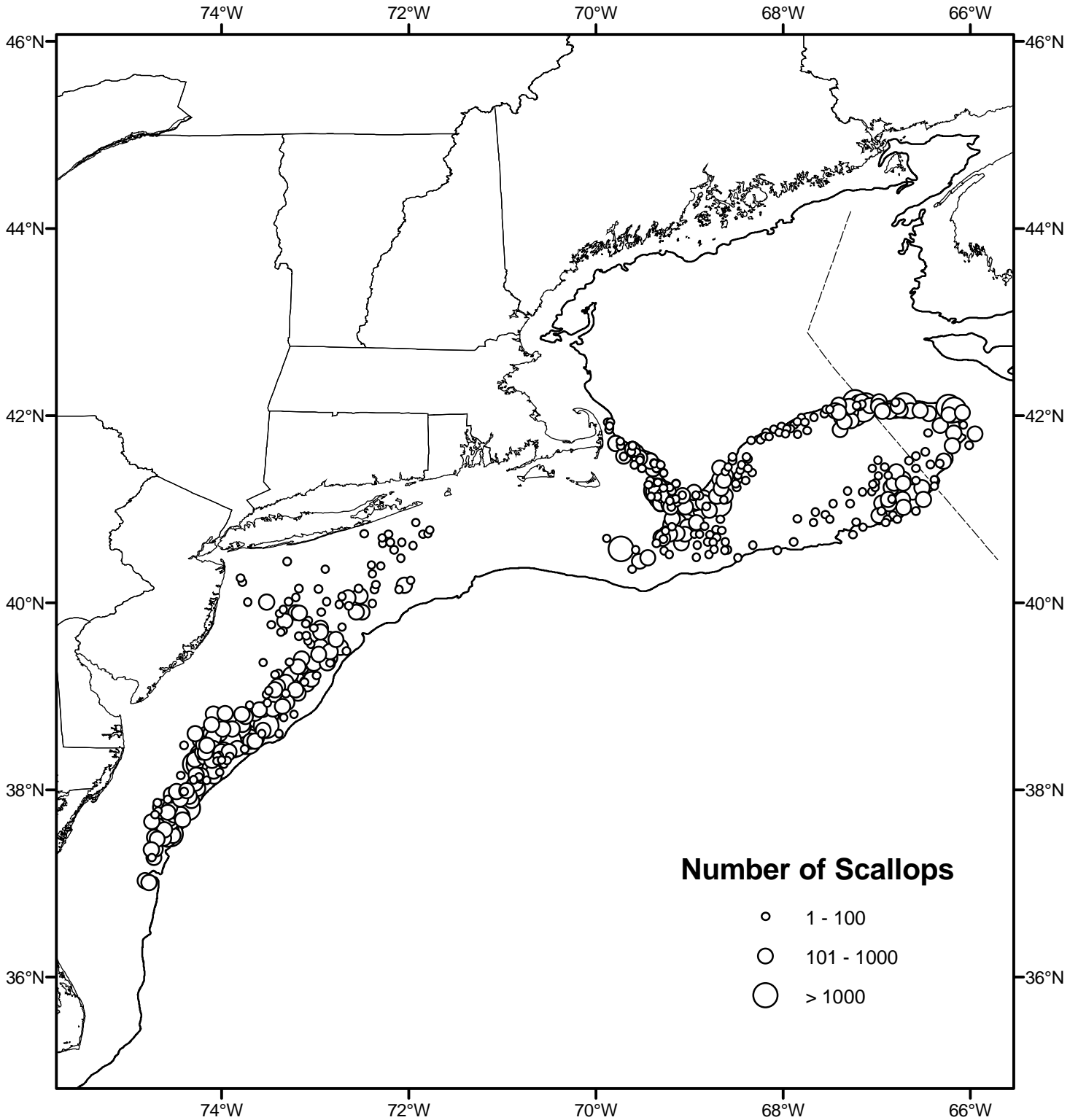
R/V ALBATROSS IV 2007 SEA SCALLOP SURVEY
 July 10 - August 16

Station	Position		Station Data			Depth (FM)	Bottom		Number of Scallops				By-Catch					
	Lat.	Long.	Loran TD's	heading	Temp (F)		Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone	Inverts	Total Vol.(L)				
0561	4136.8	6937.3	W13747.8	Y43899.8	124	33.9					280	159	121	90	80	10	10	50
0562	4136.7	6937.2	W13747.8	Y43899.0	123	33.9					267	186	81	61	50	30	20	127
0563	4138.1	6936.3	W13736.4	Y43906.2	352	41.6					145	45	100	99	20	70	10	736
0564	4138.2	6936.3	W13736.0	Y43906.8	1	42.1					171	19	152	145	10	80	10	138
0565	4140.6	6936.3	W13725.0	Y43921.0	309	54.1					38	10	28	28	10	80	10	230
0566	4140.5	6936.4	W13726.0	Y43920.6	309	53.0					50	9	41	40	90	5	5	69
0567	4133.8	6942.2	W13788.4	Y43888.1	319	15.9					72	3	69	61	90	5	5	92
0568	4133.9	6942.1	W13787.4	Y43888.6	310	15.9					117	5	112	89	90	5	5	115
0569	4140.9	6944.0	W13766.4	Y43933.1	318	33.9					124	58	66	40	90	5	5	368
0570	4140.6	6943.8	W13766.6	Y43931.0	317	33.9					16	4	12	8	82	15	3	1
0571	4143.4	6944.3	W13756.6	Y43948.3	311	46.5					10	7	3	1	90	5	5	46
0572	4143.3	6944.2	W13756.5	Y43947.6	313	46.5					40	19	21	15	5	90	5	46
0573	4150.7	6951.3	W13762.2	Y44001.2	7	30.6					81	21	60	51	5	90	5	92
0574	4150.7	6951.3	W13762.2	Y44001.2	7	30.6					86	19	67	59	5	45	50	138
0575	4153.2	6951.1	W13749.3	Y44015.6	356	33.9					21	20	1	0	5	55	40	56
0576	4153.2	6951.1	W13749.3	Y44015.6	6	33.4	43.5				21	17	4	3	5	5	90	46
0577	4155.5	6950.6	W13735.5	Y44028.2	356	38.3					14	5	9	8	10	10	80	92
0578	4155.5	6950.5	W13734.9	Y44028.1	351	37.7					7	5	2	2	10	50	40	138
0579	4200.9	6951.7	W13715.7	Y44061.0	336	48.7					0	0	0	0	60	30	10	437
0580	4201.0	6951.7	W13715.2	Y44061.5	318	48.7					0	0	0	0	70	20	10	253
0581	4155.6	6952.2	W13744.2	Y44031.1	341	30.6	45.3				38	25	13	13	20	70	10	322
0582	4155.6	6952.1	W13743.6	Y44031.0	339	30.6					35	24	11	9	10	80	10	345
0583	4154.3	6953.6	W13758.4	Y44025.6	161	21.3					0	0	0	0	2	95	3	414
0584	4154.2	6953.4	W13757.7	Y44024.7	157	21.9					1	1	0	0	10	80	10	345
0585	4142.0	6947.3	W13779.9	Y43944.1	155	28.4					735	75	660	447	30	60	10	1058
0586	4142.0	6947.2	W13779.3	Y43944.0	156	28.4					487	79	408	244	20	70	10	920
0587	4131.3	6931.8	W13742.5	Y43859.9	125	24.1					76	67	9	8	5	90	5	1012
0588	4130.9	6925.0	W13707.5	Y43849.1	322	35.5					496	345	151	117	30	60	10	874
0589	4126.0	6921.1	W13708.6	Y43815.2	322	36.1					95	49	46	44	5	94	1	966
0590	4118.1	6925.0	W13763.8	Y43771.9	359	23.5					12	6	6	5	90	5	5	92
0591	4116.8	6920.3	W13744.5	Y43758.8	201	36.1					26	22	4	3	10	85	5	552
Total											296110	108940	184417	139640				

NEFSC SEA SCALLOP SURVEY 2007
NOAA Fisheries Service
SEA SCALLOPS - Number/Tow
Total Number



NEFSC SEA SCALLOP SURVEY 2007
NOAA Fisheries Service
SEA SCALLOPS - Number/Tow
Greater Than or Equal To 90 mm



NEFSC SEA SCALLOP SURVEY 2007
NOAA Fisheries Service
SEA SCALLOPS - Number/Tow
Less Than 90 mm

