

FISHERMEN'S SCALLOP REPORT
National Marine Fisheries Service
Northeast Fisheries Science Center
Scallop Survey
Preliminary Catch Summary
FRV ALBATROSS IV
Cape Hatteras - Georges Bank
Part 1: June 27 - July 3, 2001
Part 2: July 9 - July 20, 2001
Part 3: August 6 - August 16, 2001

Submitted to: NOAA, NEFSC

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Date: 2001

Fishermen's Report

Sea Scallop Survey



Cape Hatteras - Georges Bank

Part 1: June 27-July 3, 2001

Part 2: July 9-20, 2001

Part 3: August 6-16, 2001

FRV ALBATROSS IV

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



**Scallop Catch and Processing aboard the
FRV Albatross IV during cruise 2001 - 07**

FISHERMEN'S SCALLOP REPORT

National Marine Fisheries Service
Northeast Fisheries Science Center

Scallop Survey
Preliminary Catch Summary *FRV ALBATROSS IV*
Cape Hatteras - Georges Bank
Part 1: June 27 - July 3, 2001
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The following charts and station data indicate the distribution of sea scallops during the 2001 summer Scallop Survey. 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 bushels, depth in fathoms and bottom temperature in degrees Fahrenheit. Bottom temperature is included at selected stations because it is an environmental factor which influences 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 summarized from unaudited catch files. Therefore, all information in this report is considered provisional and subject to change. For further information contact Linda Despres (508-495-2346), National Marine Fisheries Service, Northeast Fisheries Science Center, 166 Water Street, Woods Hole, MA 02543. To view this report on the Ecosystems Surveys Branch website, go to: <http://www.nefsc.nmfs.gov/esb/fishermens%20reports.htm>.

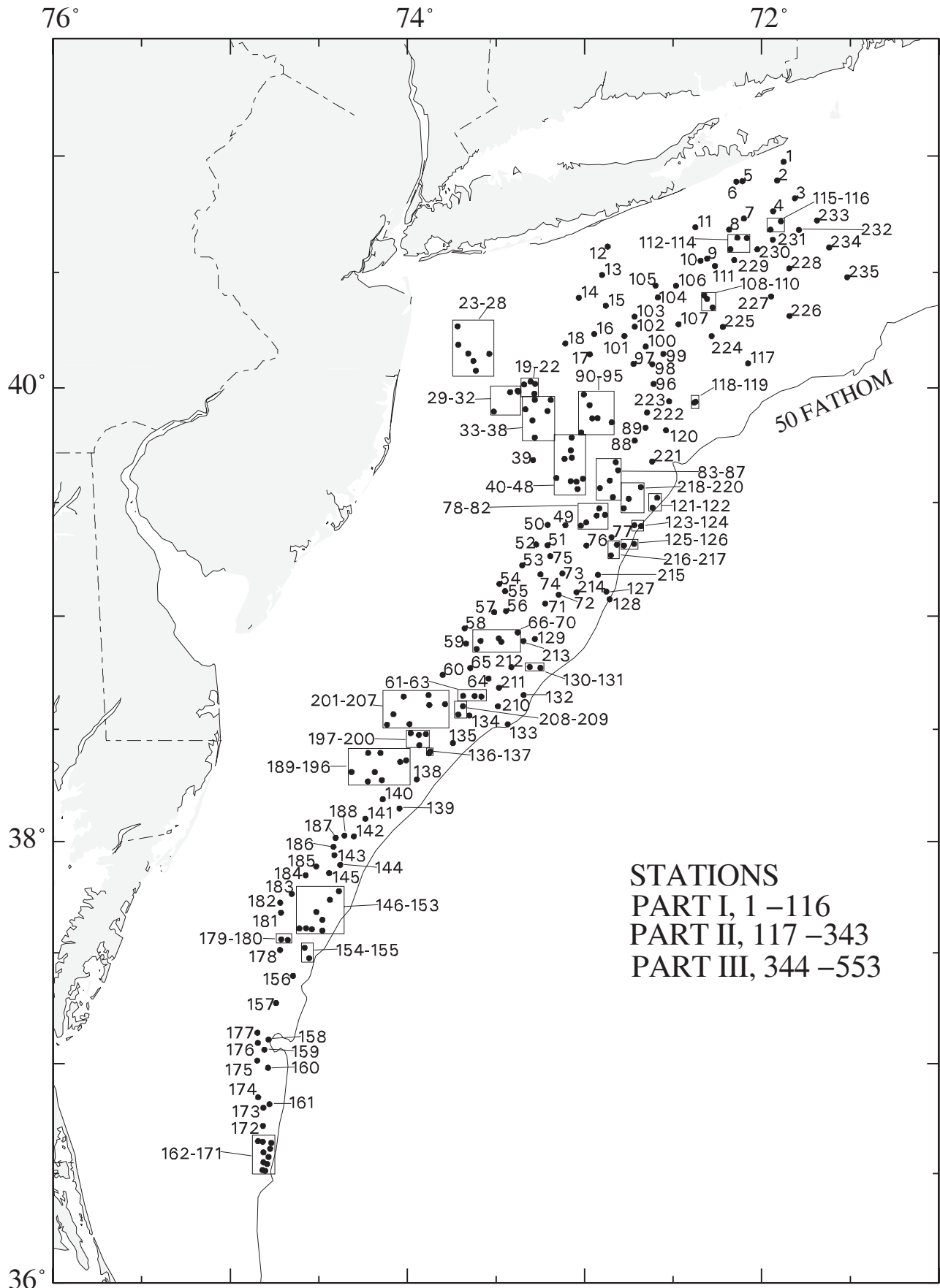


Figure 1. Dredge tows from FRV ALBATROSS IV (01– 07), during National Marine Fisheries Service, Northeast Fisheries Science Center, Sea Scallop Survey June 27 – August 16, 2001.

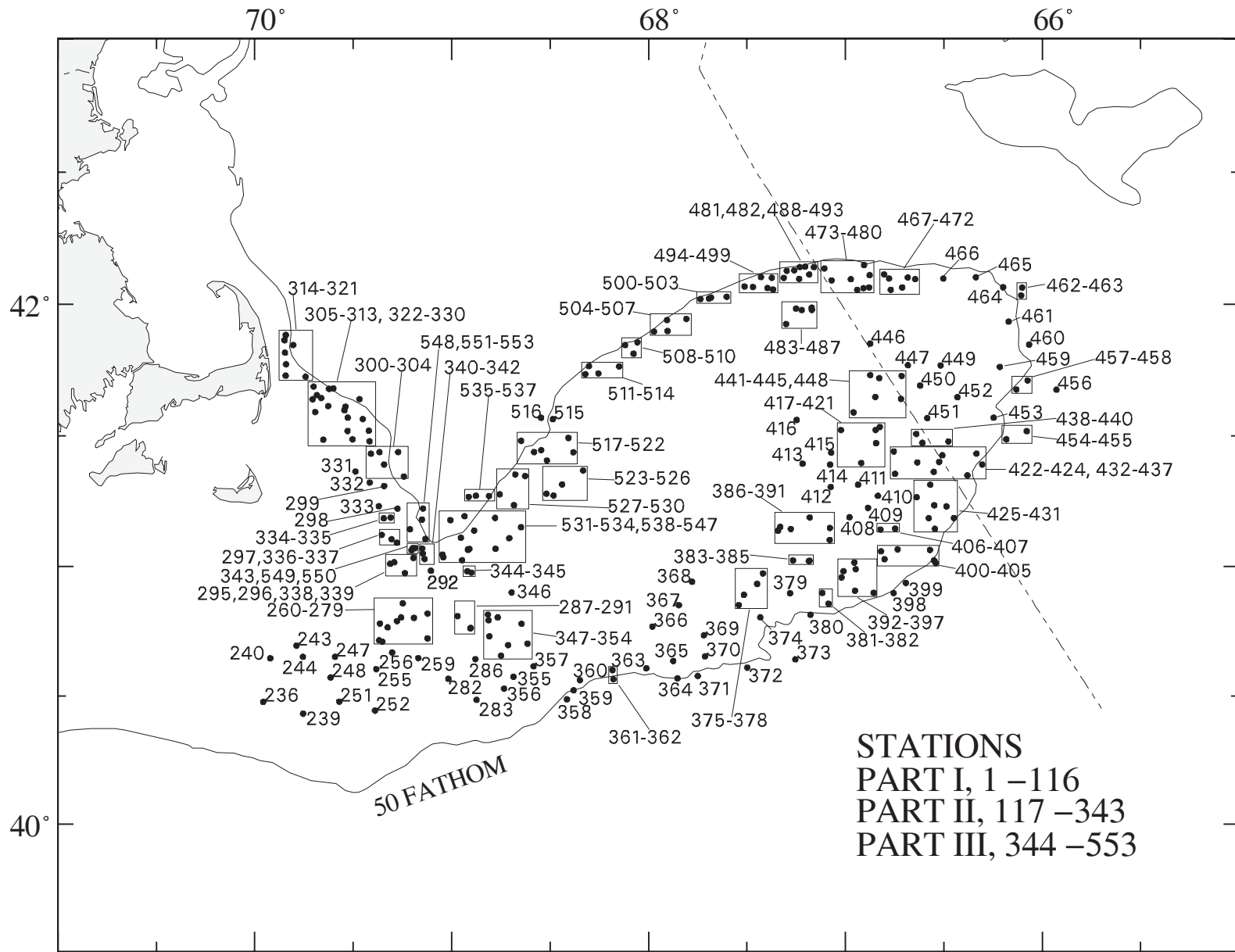


Figure 1. Dredge tows from FRV ALBATROSS IV (01 – 07), during National Marine Fisheries Service, Northeast Fisheries Science Center, Sea Scallop Survey, June 27 – August 16, 2001.

ALBATROSS IV 2001 SEA SCALLOP SURVEY
June 27 - August 16

Station	Station Data				Depth (FM)	Bottom Temp (F)	Number of Scallops				Trash By-Catch				
	Position		Loran TD's	heading			Total No.	<90mm >40ct	>90mm <40ct	>100mm >30ct	Shell	Stone	Inverts	Total Vol. (BU)	
	Lat.	Long.													Shell (Percentage)
0001	4058.4	7152.5	X25995.4	Y43822.9	230	14.8	57.7	3	2	1	0	25	0	75	1
0002	4053.6	7154.7	X26007.6	Y43788.5	150	19.1		31	29	2	1	75	0	25	2
0003	4049.0	7148.7	X25950.3	Y43744.7	184	25.2		26	13	13	5	5	0	95	9
0004	4045.7	7156.1	X26010.2	Y43727.8	306	23.5		2	1	1	0	5	0	95	20
0005	4053.4	7206.5	X26109.7	Y43802.8	269	16.4		0	0	0	0	5	0	95	24
0006	4053.3	7208.5	X26126.9	Y43804.7	181	15.9		1	1	0	0	5	0	95	11
0007	4043.8	7206.0	X26092.3	Y43724.7	248	25.2	46.8	136	38	98	68	5	0	95	8
0008	4041.0	7211.0	X26131.3	Y43707.9	252	25.7		279	126	173	52	5	45	50	6
0009	4033.4	7218.4	X26184.4	Y43653.2	313	27.9		210	27	28	0	5	0	95	5
0010	4032.9	7220.6	X26202.0	Y43651.5	341	26.8		139	39	100	52	5	95	0	4
0011	4041.6	7222.4	X26228.2	Y43726.8	224	21.3	47.1	34	23	11	7	5	0	95	8
0012	4036.6	7252.1	X26468.2	Y43720.0	198	18.6		7	7	0	0	10	40	50	9
0013	4029.2	7254.0	X26470.6	Y43656.2	221	21.3		154	78	76	64	5	0	95	8
0014	4023.3	7301.9	X26524.1	Y43610.9	93	21.3		8	5	3	3	20	10	70	13
0015	4021.3	7252.8	X26448.1	Y43583.6	199	24.6	45.0	142	122	20	18	0	0	100	7
0016	4013.9	7256.7	X26467.8	Y43519.6	206	26.2		119	80	39	32	5	0	95	8
0017	4008.6	7258.1	X26471.1	Y43471.7	291	25.7		96	42	54	53	5	5	90	8
0018	4011.5	7306.5	X26540.4	Y43505.6	210	24.1		25	13	12	11	5	0	95	8
0019	3958.4	7316.9	X26598.3	Y43388.3	335	37.7	43.2	19	13	6	5	25	0	75	1
0020	4001.0	7316.7	X26601.0	Y43413.3	290	27.9		365	227	138	112	10	0	90	8
0021	4001.5	7318.2	X26613.1	Y43419.1	223	27.3		2020	1565	455	330	90	0	10	2
0022	4000.8	7320.4	X26628.4	Y43413.8	311	29.0		52	30	22	21	2	0	98	4
0023	4008.8	7332.2	X26732.4	Y43500.2	311	21.3	50.5	4	4	0	0	15	0	85	11
0024	4015.9	7342.9	X26829.7	Y43578.8	185	15.9		8	8	0	0	20	0	80	8
0025	4011.2	7342.7	X26817.2	Y43532.0	129	27.3		1	1	0	0	10	0	90	1
0026	4008.8	7339.4	X26786.8	Y43505.6	149	35.0		0	0	0	0	5	0	95	1
0027	4006.9	7337.6	X26769.2	Y43485.4	141	29.5	43.2	7	0	7	7	5	0	95	4
0028	4004.4	7336.8	X26757.9	Y43460.1	143	21.3		47	40	7	5	5	0	95	13
0029	3953.7	7330.7	X26692.0	Y43350.3	62	21.9		58	48	10	8	5	0	95	12
0030	3958.8	7325.1	X26659.9	Y43397.3	125	29.0		2	1	1	1	5	5	90	4
0031	3959.2	7322.6	X26642.0	Y43399.7	75	35.5	43.3								
0032	3958.9	7322.4	X26640.0	Y43396.6	123	35.0		0	0	0	0	2	0	98	3
0033	3954.3	7320.0	X26614.6	Y43350.4	117	27.9		223	68	155	113	10	60	30	10
0034	3956.8	7316.8	X26595.0	Y43372.8	121	43.2		0	0	0	0	5	0	95	1
0035	3956.8	7311.4	X26554.9	Y43369.6	118	37.2		0	0	0	0	5	0	95	3
0036	3953.9	7312.5	X26558.8	Y43342.4	232	31.2	43.0	219	79	140	95	10	70	20	5
0037	3951.4	7317.6	X26592.5	Y43320.9	109	25.2		357	213	144	79	5	5	90	4
0038	3947.0	7316.8	X26580.2	Y43277.7	171	23.5		34	15	19	15	5	0	95	12
0039	3941.1	7317.4	X26576.2	Y43220.3	58	23.5		50	35	15	11	5	45	50	17
0040	3946.9	7304.3	X26489.7	Y43271.1	199	31.2	42.8	191	95	96	51	5	25	70	2

ALBATROSS IV 2001 SEA SCALLOP SURVEY
June 27 - August 16

Station	Position		Loran		Bottom		Number of Scallops				Trash By-Catch				
	Lat.	Long.	TD's	heading	Depth (FM)	Temp (F)	Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone	Inverts	Total Vol. (BU)	
0041	3943.6	7304.6	X26488.1	Y43239.6	193	29.5	202	142	60	37	5	50	45	7	
0042	3941.4	7306.7	X26500.6	Y43219.3	145	25.2	204	191	13	9	5	35	60	8	
0043	3941.7	7304.2	X26483.1	Y43221.3	160	27.9	308	74	234	169	10	40	50	6	
0044	3936.3	7309.5	X26514.5	Y43171.0	106	24.6	52	30	22	12	10	80	10	8	
0045	3935.5	7304.6	X26479.3	Y43161.9	28	25.7	42.1	56	45	11	9	5	0	95	8
0046	3935.4	7302.6	X26465.2	Y43160.3	15	35.5	440	152	288	244	30	10	60	8	
0047	3936.2	7300.5	X26451.3	Y43167.4	211	36.6	118	75	43	35	20	10	70	8	
0048	3933.5	7302.3	X26461.3	Y43142.0	217	36.6	146	63	83	41	5	5	90	7	
0049	3924.0	7306.4	X26480.5	Y43051.1	262	36.1	42.3	34	9	25	25	5	10	85	4
0050	3924.0	7312.4	X26521.1	Y43051.8	217	31.2	48	23	25	22	5	5	90	4	
0051	3918.7	7312.5	X26516.3	Y42999.9	265	35.0	106	61	45	35	5	5	90	4	
0052	3918.9	7316.3	X26541.8	Y43001.9	199	32.3	42.1	56	36	20	16	5	5	90	3
0053	3913.4	7321.0	X26566.9	Y42947.4	235	30.1	252	163	89	78	5	10	85	5	
0054	3908.5	7328.8	X26611.9	Y42897.5	182	27.9	250	91	159	34	5	5	90	5	
0055	3906.6	7326.9	X26597.5	Y42878.7	188	31.7	106	35	71	52	5	50	45	8	
0056	3901.3	7326.5	X26589.1	Y42825.5	211	31.7	41.7	226	121	105	79	15	10	75	7
0057	3901.0	7330.5	X26614.0	Y42821.5	199	29.5	72	48	24	19	5	45	50	8	
0058	3856.7	7340.6	X26671.8	Y42774.7	183	25.7	108	79	29	16	10	40	50	11	
0059	3852.7	7340.1	X26663.7	Y42733.8	190	26.8	237	183	54	29	5	25	70	7	
0060	3844.4	7348.0	X26701.0	Y42644.7	114	25.7	41.7	441	358	83	57	10	60	30	11
0061	3838.8	7341.1	X26653.4	Y42590.9	103	35.0	868	710	158	91	5	48	47	4	
0062	3838.8	7337.2	X26630.4	Y42593.2	114	33.4	270	122	148	124	10	0	90	3	
0063	3838.7	7334.9	X26616.7	Y42593.6	18	33.9	242	75	167	137	25	0	75	2	
0064	3843.4	7332.4	X26606.6	Y42642.6	292	37.2	1183	1038	145	46	10	0	90	2	
0065	3846.2	7338.7	X26647.5	Y42667.9	20	31.2	42.1	130	54	76	52	10	5	85	8
0066	3851.3	7336.5	X26640.0	Y42721.0	76	31.7	150	44	106	91	5	5	90	13	
0067	3853.4	7335.2	X26634.5	Y42742.9	60	28.4	79	36	43	23	5	45	50	13	
0068	3854.1	7329.0	X26597.0	Y42752.3	141	35.5	41.9								
0069	3853.2	7328.1	X26590.6	Y42743.5	346	34.4	3171	2226	945	672	5	5	90	3	
0070	3855.7	7322.6	X26559.0	Y42770.5	45	35.5	319	185	134	46	50	0	50	2	
0071	3903.3	7313.3	X26507.4	Y42848.4	52	38.8	190	74	116	91	50	0	50	6	
0072	3905.6	7308.7	X26480.0	Y42871.8	10	38.8	3600	2160	1440	912	98	0	2	1	
0073	3911.3	7307.5	X26476.8	Y42927.6	269	38.3	43.7	206	92	114	92	5	10	85	7
0074	3911.0	7314.8	X26524.0	Y42924.1	29	34.4	329	164	165	83	5	55	40	5	
0075	3915.8	7311.5	X26506.9	Y42971.4	39	35.5	210	99	111	83	10	5	85	3	
0076	3918.6	7259.3	X26428.4	Y42998.4	69	36.1	951	504	447	282	45	5	50	1	
0077	3920.8	7250.8	X26373.1	Y43018.9	305	42.1	50.2	872	228	644	264	5	0	95	3
0078	3923.8	7301.2	X26445.2	Y43048.6	60	36.6	1	1	0	0	100	0	0	1	
0079	3924.7	7259.4	X26433.7	Y43057.0	221	36.1	948	264	684	290	10	10	80	8	
0080	3926.5	7255.8	X26410.6	Y43073.7	15	35.5	437	161	276	207	50	0	50	4	

ALBATROSS IV 2001 SEA SCALLOP SURVEY
June 27 - August 16

Station	Position		Loran		Depth (FM)	Bottom Temp (F)	Number of Scallops				Trash By-Catch			
	Lat.	Long.	TD's	heading			Total No.	<90mm >40ct	>90mm <40ct	>100mm >30ct	Shell	Stone	Inverts	Total Vol. (BU)
0081	3926.7	7253.0	X26391.7	Y43075.1	335	33.4	764	376	388	350	80	10	10	4
0082	3928.4	7255.0	X26406.5	Y43091.6	49	35.5	528	108	420	363	50	0	50	3
0083	3931.3	7250.4	X26376.9	Y43118.1	295	35.0	301	224	77	42	95	0	5	3
0084	3933.7	7254.7	X26408.5	Y43141.9	52	32.3	305	144	161	51	60	10	30	2
0085	3935.7	7251.4	X26387.0	Y43159.9	41	35.5	554	295	259	148	5	5	90	3
0086	3938.4	7248.6	X26369.3	Y43184.4	353	35.5	7	2	5	4	5	5	90	5
* 0087	3940.5	7249.4	X26376.6	Y43204.3	94	35.5	1	0	1	0	5	35	60	5
0088	3946.1	7243.0	X26334.8	Y43253.8	60	32.8	721	671	50	22	50	0	50	1
0089	3949.5	7239.3	X26310.3	Y43283.3	310	32.3	736	607	129	52	50	20	30	1
0090	3948.3	7301.1	X26468.1	Y43282.9	311	43.2	5	5	0	0	50	0	50	3
0091	3952.0	7257.3	X26444.4	Y43315.9	84	30.1								
0092	3952.0	7255.5	X26431.2	Y43315.0	258	30.1	356	321	35	21	50	0	50	2
0093	3950.9	7250.7	X26394.8	Y43302.1	308	32.3	289	235	54	45	30	10	60	3
0094	3955.4	7258.2	X26455.0	Y43348.4	327	29.0	49	13	36	35	50	0	50	1
0095	3958.2	7300.2	X26473.3	Y43376.0	78	27.9	140	59	20	15	60	0	40	2
0096	4000.9	7236.5	X26297.8	Y43385.4	319	34.4	778	510	268	222	5	70	25	7
0097	4006.1	7243.3	X26354.3	Y43437.4	81	29.0	69	26	43	36	5	0	95	17
0098	4006.1	7237.0	X26306.0	Y43432.6	25	30.6	161	42	119	104	5	0	95	15
0099	4008.8	7233.3	X26279.9	Y43454.0	308	32.3	81	12	69	47	2	0	98	17
0100	4010.7	7239.3	X26328.2	Y43475.8	304	31.7	194	16	178	120	2	0	98	22
0101	4013.4	7246.4	X26386.6	Y43506.1	41	30.1	137	26	111	80	5	5	90	16
0102	4015.9	7243.0	X26363.0	Y43525.7	2	28.4	69	17	52	43	10	5	85	15
0103	4018.4	7243.0	X26366.1	Y43548.1	53	29.5	71	14	57	52	10	5	85	9
0104	4023.4	7235.1	X26309.1	Y43584.8	335	26.2	53	6	47	45	5	5	90	8
0105	4026.5	7235.9	X26319.5	Y43612.9	66	25.2	21	4	17	17	5	5	90	8
0106	4026.4	7229.0	X26263.3	Y43604.8	191	25.7	63	7	56	54	5	5	90	12
0107	4016.5	7228.1	X26246.0	Y43517.7	63	30.1	33	0	33	32	5	0	95	10
0108	4020.8	7216.6	X26158.2	Y43544.3	326	31.7	44	3	41	30	5	5	90	16
0109	4023.0	7218.4	X26174.3	Y43564.9	310	31.2								
0110	4023.9	7219.4	X26183.1	Y43573.6	46	31.7	89	6	83	39	5	5	90	7
0111	4031.6	7215.8	X26161.0	Y43635.2	30	29.5	0	0	0	0	50	0	50	5
0112	4035.9	7210.5	X26121.5	Y43665.2	29	28.4	91	19	72	36	5	5	90	16
0113	4038.9	7208.2	X26105.4	Y43687.3	80	27.3	25	14	11	9	10	0	90	14
0114	4038.8	7205.0	X26078.5	Y43682.8	68	27.9	14	0	14	11	5	0	95	10
0115	4040.9	7157.0	X26013.2	Y43690.4	49	26.8	12	1	11	11	5	0	95	8
0116	4043.1	7153.4	X25984.8	Y43703.8	41	26.2	2	1	1	1	5	0	95	16
0117	4006.3	7204.6	X26058.7	Y43410.3	223	38.8	52	42	10	5	25	0	75	8
0118	3956.3	7222.3	X26188.9	Y43335.1	221	39.9	217	141	76	9	50	45	5	12
0119	3956.1	7222.8	X26192.5	Y43333.6	269	38.8	331	210	121	23	75	15	10	6
0120	3948.9	7232.4	X26259.7	Y43274.3	192	38.3	566	391	175	87	65	15	20	2

ALBATROSS IV 2001 SEA SCALLOP SURVEY
June 27 - August 16

Station	Station Data				Number of Scallops				Trash By-Catch						
	Position		Loran TD's	heading	Bottom		Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone (Percentage)	Inverts	Total Vol. (BU)	
	Lat.	Long.			Depth (FM)	Temp (F)									
0121	3931.2	7235.3	X26272.8	Y43113.5	166	46.5	55.9	4	3	1	0	5	0	95	7
0122	3928.6	7236.9	X26282.8	Y43089.9	213	49.8		0	0	0	0	2	0	98	5
0123	3923.7	7240.8	X26307.4	Y43045.0	270	52.5		0	0	0	0	2	0	98	3
0124	3923.9	7243.1	X26323.0	Y43047.2	180	47.6		0	0	0	0	5	0	95	4
0125	3919.0	7243.2	X26321.6	Y43001.3	270	55.2	56.1	0	0	0	0	5	0	95	4
0126	3918.6	7246.6	X26344.0	Y42997.8	204	46.5		3	2	1	0	5	0	95	4
0127	3906.5	7252.6	X26377.4	Y42882.8	181	46.5		1	0	1	0	20	0	80	4
0128	3904.4	7251.4	X26368.8	Y42862.9	228	53.6	56.5	0	0	0	0	1	0	99	3
0129	3853.9	7316.8	X26521.5	Y42754.6	193	40.5		1428	342	1086	592	10	0	90	1
0130	3846.3	7314.9	X26503.9	Y42680.1	259	43.2		12	5	7	2	50	0	50	7
0131	3846.5	7318.5	X26525.8	Y42680.5	201	41.0	51.8	1530	354	1176	600	80	0	20	3
0132	3839.1	7320.6	X26532.5	Y42605.8	204	45.4		0	0	0	0	20	10	70	5
0133	3831.3	7325.9	X26557.4	Y42524.7	283	51.4		0	0	0	0	5	0	95	4
0134	3833.6	7338.9	X26634.9	Y42539.1	212	36.6	49.8	392	168	224	106	10	50	40	4
0135	3826.3	7344.5	X26659.4	Y42460.3	247	38.3		476	156	320	144	40	10	50	2
0136	3824.1	7352.2	X26700.5	Y42431.4	194	36.6		305	68	237	210	10	30	60	4
* 0137	3823.6	7352.6	X26702.1	Y42425.9	208	37.2	44.2	257	198	59	32	10	5	85	5
0138	3816.6	7356.8	X26717.3	Y42349.4	161	37.2		387	245	142	69	65	25	10	12
0139	3808.8	7402.6	X26739.6	Y42262.2	258	42.7		274	192	82	34	85	12	3	5
0140	3811.3	7408.3	X26773.4	Y42282.4	221	38.3	43.7	966	824	142	42	70	25	5	7
0141	3806.1	7414.2	X26798.1	Y42221.1	211	27.9		130	107	23	14	20	40	40	4
0142	3801.3	7418.1	X26812.2	Y42165.6	224	31.2		196	94	102	71	40	40	20	6
0143	3756.3	7424.7	X26839.6	Y42104.2	167	31.7	43.0	32	18	14	13	50	10	40	9
0144	3753.7	7422.7	X26825.8	Y42079.0	230	34.4		121	52	69	57	25	5	70	5
0145	3751.5	7426.5	X26842.1	Y42050.5	152	33.4		346	194	152	106	50	5	45	4
0146	3746.6	7423.1	X26818.4	Y42002.9	226	37.7	45.1	888	742	146	42	10	0	90	2
0147	3744.3	7426.2	X26830.9	Y41974.0	226	36.6		1170	965	205	75	50	0	50	1
0148	3741.0	7430.8	X26849.3	Y41932.1	150	33.4		1336	880	456	104	90	2	8	3
0149	3738.9	7428.8	X26836.7	Y41912.7	166	35.0	45.0	1166	934	232	58	60	35	5	7
0150	3736.0	7428.8	X26833.0	Y41881.9	281	39.4		891	663	228	63	95	2	3	2
0151	3736.4	7432.3	X26850.6	Y41880.7	261	35.5		470	238	232	60	15	0	85	3
0152	3736.6	7434.3	X26860.6	Y41879.8	311	35.0	44.2	317	137	180	62	10	0	90	3
0153	3736.6	7436.5	X26871.2	Y41876.4	125	33.4		975	641	334	126	25	5	70	3
0154	3731.4	7434.8	X26856.0	Y41823.4	189	36.1		798	633	165	27	20	70	10	9
0155	3728.6	7433.2	X26844.7	Y41796.2	230	33.9	46.0	385	321	64	33	30	10	60	3
0156	3723.8	7438.7	X26864.6	Y41735.8	245	31.7		418	320	98	39	10	80	10	7
0157	3716.4	7444.5	X26881.9	Y41646.5	187	33.9		378	150	228	120	30	30	40	3
0158	3706.5	7447.0	X26880.5	Y41536.2	189	38.8	49.5	3	0	3	3	5	0	95	7
0159	3703.8	7448.4	X26883.3	Y41504.8	171	34.4		340	331	9	9	10	80	10	9
0160	3658.8	7447.2	X26871.8	Y41454.3	167	34.4		244	25	219	209	85	10	5	4

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Station	Station Data				Depth (FM)	Bottom Temp (F)	Number of Scallops				Trash By-Catch				
	Position		Loran TD's	heading			Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone	Inverts	Total Vol. (BU)	
	Lat.	Long.													(Percentage)
0161	3648.9	7446.7	X26857.8	Y41351.5	179	38.3	51.8	78	67	11	10	5	90	5	13
0162	3638.4	7446.1	X26843.3	Y41244.0	178	43.7		3	3	0	0	15	0	85	4
0163	3636.8	7446.4	X26842.9	Y41226.9	178	43.7		0	0	0	0	10	5	85	7
0164	3634.5	7447.0	X26842.9	Y41201.8	173	43.2	49.6	0	0	0	0	15	5	80	7
0165	3632.6	7447.5	X26842.9	Y41181.2	190	42.7		0	0	0	0	10	0	90	7
0166	3630.7	7448.1	X26843.4	Y41160.3	2	41.6		0	0	0	0	5	0	95	5
0167	3631.0	7449.0	X26847.5	Y41161.1	6	27.9	45.3	3	3	0	0	40	10	50	2
0168	3633.1	7448.7	X26848.5	Y41183.4	8	27.3		0	0	0	0	75	5	20	2
0169	3635.8	7448.7	X26851.5	Y41211.1	357	28.4		11	11	0	0	80	0	20	2
0170	3638.7	7449.0	X26856.0	Y41240.3	302	28.4	46.4	7	7	0	0	90	0	10	3
0171	3638.9	7450.5	X26862.5	Y41238.8	17	27.9		5	5	0	0	95	0	5	3
0172	3643.0	7448.9	X26860.4	Y41285.1	0	30.1		10	10	0	0	5	90	5	7
0173	3648.0	7448.7	X26865.4	Y41337.6	335	28.4	46.0	42	42	0	0	10	80	10	8
0174	3650.8	7450.5	X26876.5	Y41363.0	359	29.5		215	214	1	0	2	95	3	12
0175	3700.8	7450.8	X26890.2	Y41468.1	0	30.6		254	232	22	19	65	30	5	13
0176	3705.6	7450.6	X26895.5	Y41519.6	356	32.8	45.9	36	4	32	22	5	0	95	3
0177	3708.4	7450.7	X26899.6	Y41549.3	6	30.6		95	35	60	7	15	0	85	5
0178	3730.8	7443.1	X26894.9	Y41803.5	27	30.1		523	419	104	55	25	50	25	2
0179	3733.4	7440.4	X26885.6	Y41835.9	335	30.6	45.1	790	668	122	50	50	0	50	2
0180	3733.6	7442.7	X26897.0	Y41834.4	356	29.5		452	387	65	24	50	0	50	2
0181	3740.8	7442.8	X26907.9	Y41912.2	353	27.3		81	54	27	20	20	0	80	3
0182	3743.5	7443.0	X26912.9	Y41941.2	51	26.2	44.6	65	43	22	17	50	0	50	4
0183	3745.9	7439.1	X26897.3	Y41972.9	32	28.4		3	2	1	1	65	0	35	4
0184	3750.9	7434.4	X26881.2	Y42033.5	90	29.0		13	7	6	5	0	0	0	0
0185	3753.3	7430.8	X26866.5	Y42064.1	44	30.1	43.0	6	1	5	5	0	0	0	0
0186	3758.5	7425.0	X26844.2	Y42127.4	41	30.1		176	152	24	17	0	0	0	0
0187	3800.9	7424.3	X26844.0	Y42153.9	37	27.3		291	251	40	34	50	0	50	3
0188	3801.5	7421.3	X26829.2	Y42163.9	41	30.1	43.9	342	234	108	67	50	0	50	3
0189	3816.0	7413.3	X26806.9	Y42327.2	52	30.1		265	226	39	21	15	65	20	5
0190	3816.4	7408.6	X26781.8	Y42336.0	309	35.5		94	61	33	21	5	10	85	3
0191	3818.5	7411.0	X26797.8	Y42356.0	276	32.3	42.6	296	265	31	15	15	5	80	2
0192	3818.5	7418.9	X26841.0	Y42348.5	28	26.2		248	187	61	36	15	0	85	1
0193	3823.6	7413.3	X26817.8	Y42408.1	88	30.6		437	367	70	41	30	0	70	3
0194	3823.6	7409.1	X26794.5	Y42411.8	111	30.1	42.8	963	867	96	57	10	70	20	6
0195	3821.2	7402.4	X26753.9	Y42392.3	81	35.5		9	0	9	6	40	40	20	5
0196	3821.6	7400.4	X26743.3	Y42398.3	32	35.0		53	24	29	28	10	0	90	6
0197	3825.7	7355.9	X26723.2	Y42445.0	32	32.8	43.2	698	572	126	64	25	70	5	8
0198	3828.7	7353.7	X26714.5	Y42478.0	269	32.8		1176	603	573	228	50	0	50	6
0199	3828.5	7356.1	X26727.9	Y42474.0	280	30.6		161	152	9	6	10	60	30	9
0200	3828.9	7358.8	X26743.8	Y42476.1	358	29.5	42.1	275	255	20	17	10	50	40	11

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Station	Station Data				Depth (FM)	Bottom Temp (F)	Number of Scallops				Trash By-Catch				
	Position		Loran TD's	heading			Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone	Inverts	Total Vol. (BU)	
	Lat.	Long.													Shell (Percentage)
0201	3831.3	7359.2	X26749.2	Y42501.0	273	31.7	267	243	24	14	25	50	25	3	
0202	3831.2	7406.8	X26792.4	Y42494.2	27	29.0	1386	1023	363	135	10	5	85	5	
0203	3834.0	7404.7	X26784.5	Y42525.4	170	31.7	29	21	8	3	15	0	85	1	
0204	3838.6	7401.2	X26770.9	Y42576.3	84	28.4	170	110	60	44	25	0	75	3	
0205	3839.1	7352.8	X26722.5	Y42586.9	178	26.2	263	222	41	39	2	5	93	29	
0206	3836.4	7352.5	X26717.2	Y42558.9	86	29.5	42.1	688	628	60	36	10	40	50	4
0207	3836.6	7347.2	X26686.6	Y42564.5	118	32.3	195	113	82	58	5	35	60	6	
0208	3833.9	7342.7	X26657.3	Y42539.6	28	34.4	672	430	242	98	10	70	20	7	
0209	3836.1	7341.1	X26650.4	Y42563.2	83	35.0	43.3	337	192	145	107	10	70	20	8
0210	3836.1	7329.3	X26581.3	Y42570.7	1	39.4	1880	384	1496	816	100	0	0	1	
0211	3841.0	7328.9	X26583.4	Y42620.3	30	38.8	5460	1752	3708	1824	100	0	0	1	
0212	3846.5	7324.7	X26563.3	Y42677.6	30	41.6	51.3	12	0	12	6	2	0	98	4
0213	3853.4	7320.7	X26545.1	Y42748.2	22	35.0	3213	1395	1818	1458	90	10	0	4	
0214	3906.3	7302.7	X26442.0	Y42879.5	56	39.9	1980	582	1399	476	95	0	5	1	
0215	3910.9	7255.4	X26397.8	Y42924.6	357	45.9	56.1	2	1	1	0	0	0	100	4
0216	3916.0	7251.0	X26371.8	Y42973.3	31	44.8	606	498	108	12	10	0	90	4	
0217	3918.8	7249.0	X26360.0	Y42999.8	6	43.2	1530	1105	425	35	5	0	95	2	
0218	3928.4	7246.7	X26349.7	Y43090.0	16	37.2	54.0	313	112	201	127	90	0	10	2
0219	3930.9	7245.0	X26339.4	Y43113.1	36	35.5	286	180	106	52	95	0	5	2	
0220	3933.9	7240.9	X26312.6	Y43140.0	7	39.4	1722	588	1134	276	95	0	5	2	
0221	3940.7	7237.0	X26288.7	Y43201.5	354	39.4	54.1	423	239	184	29	50	0	50	3
0222	3953.5	7238.8	X26309.4	Y43319.6	63	30.6	102	45	57	40	10	10	80	3	
0223	3956.4	7231.3	X26255.7	Y43341.5	26	35.5	205	70	135	69	0	0	0	0	
0224	4013.4	7216.9	X26155.8	Y43481.0	50	33.9	50.2	33	12	21	16	80	0	20	3
0225	4015.8	7213.1	X26127.3	Y43498.4	69	33.4	5	2	3	1	15	0	85	7	
0226	4018.6	7150.5	X25950.9	Y43502.0	310	39.9	1	1	0	0	0	0	0	0	
0227	4023.7	7156.7	X26000.7	Y43549.8	0	38.8	50.9	0	0	0	0	95	0	5	1
0228	4030.9	7150.6	X25953.9	Y43602.6	277	37.2	0	0	0	0	10	0	90	3	
0229	4033.1	7209.2	X26108.0	Y43640.5	92	29.5	27	2	25	24	5	0	95	11	
0230	4035.9	7201.4	X26045.8	Y43654.9	49	29.5	47.3	14	5	9	8	5	0	95	11
0231	4038.3	7156.2	X26004.4	Y43668.6	26	28.4	40	1	39	39	2	0	98	12	
0232	4040.9	7147.3	X25931.6	Y43679.1	69	30.6	10	3	7	7	5	0	95	8	
0233	4043.3	7141.2	X25881.8	Y43690.9	126	38.3	53.6	0	0	0	0	2	0	98	10
0234	4036.3	7137.1	X25844.8	Y43631.4	144	39.9	0	0	0	0	5	0	95	1	
0235	4028.7	7131.0	X25795.8	Y43565.3	91	41.6	0	0	0	0	5	0	95	1	
0236	4028.5	6957.4	W14125.0	Y43481.2	110	39.4	47.8	3	3	0	0	100	0	0	1
0239	4025.8	6945.2	W14070.4	Y43453.4	336	40.5	0	0	0	0	80	0	20	1	
0240	4038.7	6955.2	W14078.3	Y43548.9	70	30.1	49.3	0	0	0	0	5	10	85	2
0243	4041.6	6947.2	W14025.6	Y43561.3	145	27.9	0	0	0	0	3	2	95	3	
0244	4039.0	6945.3	W14024.9	Y43542.3	127	30.6	50.0	0	0	0	0	3	17	80	3

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June 27 - August 16

Station	Station Data				Number of Scallops				Trash By-Catch						
	Position		Loran TD's	heading	Depth (FM)	Bottom Temp (F)	Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone	Inverts	Total Vol. (BU)	
	Lat.	Long.													(Percentage)
0247	4039.0	6935.5	W13973.8	Y43534.0	188	27.9		0	0	0	0	80	0	20	1
0248	4034.2	6936.8	W13997.8	Y43503.4	169	35.5	47.5	227	9	218	210	90	0	10	2
0251	4028.6	6934.2	W14004.2	Y43464.1	107	36.6		1528	866	662	242	60	0	40	4
0252	4026.5	6923.3	W13956.3	Y43442.4	21	38.8	45.1	47	18	29	20	25	25	50	14
0255	4036.2	6923.0	W13919.9	Y43505.6	43	28.4		99	24	75	72	10	10	80	2
* 0256	4040.0	6918.1	W13880.9	Y43526.2	105	26.2	49.3	87	55	32	30	95	0	5	1
0259	4038.7	6910.1	W13845.5	Y43511.6	297	38.8		2352	2320	32	32	10	10	80	12
* 0260	4042.5	6921.1	W13886.8	Y43544.8	346	22.4									
* 0261	4042.9	6922.1	W13890.4	Y43548.2	327	23.0	50.4	0	0	0	0	50	0	50	1
* 0264	4046.7	6921.8	W13874.4	Y43572.3	2	18.0		7	0	7	7	20	5	75	1
0265	4045.9	6919.5	W13865.7	Y43565.2	52	27.9	50.9	53	41	12	12	10	10	80	3
* 0269	4047.3	6916.6	W13845.5	Y43571.6	21	32.8		310	115	202	192	25	50	25	11
* 0270	4051.4	6914.9	W13820.9	Y43596.0	122	31.7		279	257	22	22	40	50	10	12
* 0273	4048.2	6915.4	W13835.9	Y43576.3	97	32.3		304	146	158	157	20	50	30	7
0274	4048.0	6911.5	W13816.9	Y43571.6	33	35.0	49.3	1142	291	851	843	30	20	50	5
0278	4049.0	6907.3	W13791.8	Y43574.3	177	38.3		1836	888	948	918	10	50	40	4
* 0279	4043.3	6907.3	W13814.0	Y43538.5	61	35.5	49.6	882	591	291	279	10	5	85	5
0282	4033.9	6901.0	W13818.5	Y43474.3	131	39.4		1117	1117	0	0	20	0	80	3
0283	4029.0	6852.4	W13795.0	Y43437.4	354	41.0	44.8	9	1	8	8	99	0	1	12
0286	4038.5	6852.7	W13760.5	Y43497.1	354	36.1		220	192	28	19	25	50	25	2
0287	4045.6	6854.3	W13740.6	Y43542.4	289	36.6	50.5								
0288	4045.7	6854.1	W13739.2	Y43542.8	292	37.2		693	674	19	16	65	25	10	2
0291	4048.5	6858.2	W13748.4	Y43563.5	254	40.5	51.1	114	69	45	35	50	10	40	2
* 0292	4059.0	6906.3	W13746.7	Y43635.5	320	41.0		522	176	346	182	30	40	30	15
0295	4058.4	6914.2	W13789.4	Y43639.2	295	38.3		697	250	449	305	10	80	10	16
0296	4100.6	6918.7	W13803.7	Y43657.3	11	27.3	52.2	443	339	104	41	20	45	35	22
0297	4105.4	6916.7	W13773.7	Y43685.1	357	31.2		2272	1896	376	80	20	70	10	9
0298	4113.3	6916.5	W13739.5	Y43733.3	327	35.0		1	1	0	0	5	90	5	15
0299	4118.5	6920.5	W13738.2	Y43769.3	6	38.8	40.6	28	12	16	15	85	1	14	1
0300	4120.7	6914.5	W13697.1	Y43775.9	337	59.1		40	10	30	30	85	2	13	1
0301	4123.4	6920.5	W13716.9	Y43798.9	352	33.4		474	320	154	98	85	5	10	3
0302	4126.3	6916.3	W13681.8	Y43811.4	261	52.5	40.6	37	9	28	26	75	5	20	1
0303	4126.2	6921.9	W13711.9	Y43817.4	262	33.4		3395	2107	1288	623	50	0	50	2
0304	4125.9	6924.6	W13727.7	Y43818.7	359	23.5		1064	580	484	264	15	70	15	14
0305	4128.7	6925.0	W13717.4	Y43836.0	0	29.0	43.0	10218	9178	1040	572	70	0	30	2
0306	4131.1	6925.2	W13707.7	Y43850.6	334	35.0		1344	1248	96	52	30	50	20	11
0307	4133.8	6927.0	W13705.2	Y43868.8	333	38.8		87	33	54	48	30	40	30	10
0308	4138.4	6928.0	W13689.6	Y43897.3	293	59.6	41.0	5	5	0	0	3	95	2	7
0309	4140.8	6936.0	W13722.4	Y43921.8	299	62.9									
0310	4140.7	6937.3	W13730.0	Y43922.9	127	53.0		141	71	70	50	90	0	10	1

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June 27 - August 16

Station	Station Data				Depth (FM)	Bottom Temp (F)	Number of Scallops				Trash By-Catch				
	Position		Loran TD's	heading			Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone (Percentage)	Inverts	Total Vol. (BU)	
	Lat.	Long.													
0311	4138.6	6939.7	W13752.9	Y43913.6	314	36.6									
0312	4139.3	6941.1	W13757.5	Y43919.7	132	36.1									
0313	4141.3	6942.0	W13753.4	Y43932.8	317	43.7	40.8	129	41	88	50	75	5	20	1
0314	4143.5	6944.5	W13757.3	Y43949.2	337	46.5		45	6	39	38	85	5	10	1
0315	4150.7	6948.3	W13745.1	Y43996.9	331	57.4		18	6	12	10	95	4	1	4
0316	4153.0	6950.5	W13746.8	Y44013.5	347	36.1	41.9	6	0	6	6	50	0	50	5
0317	4156.6	6952.7	W13742.2	Y44037.7	145	30.1		7	0	7	7	0	0	0	0
0318	4151.8	6950.9	W13754.8	Y44007.1	190	33.4		51	8	43	40	80	0	20	5
0319	4149.0	6950.7	W13766.8	Y43990.4	175	38.8	41.5	12	1	11	11	50	0	50	3
0320	4146.3	6950.4	W13777.6	Y43974.0	159	36.1		30	10	20	17	80	0	20	4
0321	4143.7	6950.6	W13790.8	Y43958.8	142	20.8		8	5	3	3	20	0	80	14
0322	4138.3	6942.3	W13768.7	Y43915.3	131	30.1	41.7	1530	920	610	310	60	0	40	3
0323	4135.4	6941.5	W13777.4	Y43896.8	121	20.8		161	89	72	33	85	0	15	5
0324	4136.8	6937.6	W13749.5	Y43900.2	100	33.9		3810	3135	675	315	80	5	15	4
0325	4136.6	6932.3	W13721.3	Y43892.1	114	42.1	40.5								
0326	4135.8	6932.6	W13726.6	Y43887.8	121	37.7		1150	940	210	105	95	3	2	1
0327	4134.1	6931.6	W13728.8	Y43876.4	110	30.6		9	1	8	8	40	50	10	19
0328	4131.1	6931.7	W13742.9	Y43858.6	120	23.5		16	6	10	10	10	80	10	14
0329	4129.2	6930.2	W13743.2	Y43845.3	227	20.8	43.2	14	1	13	7	25	50	25	21
0330	4129.1	6939.1	W13792.1	Y43855.7	140	14.8		7	2	5	5	10	60	30	5
0331	4121.8	6929.3	W13770.8	Y43799.4	139	18.6		3	1	2	0	10	80	10	2
0332	4119.3	6924.9	W13758.1	Y43779.1	155	20.8	46.9	0	0	0	0	40	0	60	3
0333	4113.8	6922.2	W13767.3	Y43742.5	144	27.9		27	13	14	11	5	90	5	7
0334	4111.1	6920.7	W13770.8	Y43724.4	118	29.5		4090	3090	1000	220	30	60	10	5
0335	4111.2	6918.5	W13758.9	Y43722.6	169	26.8	50.2	5	2	3	1	0	98	2	25
0336	4106.2	6918.3	W13778.7	Y43691.6	193	30.1		434	252	182	108	5	90	5	19
0337	4107.2	6921.3	W13790.2	Y43700.9	159	25.7									
0338	4100.9	6917.5	W13796.3	Y43658.0	55	29.5	51.6	262	186	76	22	10	80	10	20
0339	4101.9	6911.6	W13761.8	Y43658.4	254	31.7		9	4	5	3	65	15	20	1
0340	4101.7	6908.2	W13745.3	Y43653.9	195	38.3		600	216	384	117	10	85	5	25
0341	4104.1	6908.9	W13738.9	Y43669.3	152	39.4	42.4								
0342	4102.9	6908.7	W13742.9	Y43661.8	344	38.3		437	213	224	79	5	90	5	21
0343	4104.2	6911.1	W13749.8	Y43672.1	170	31.2		54	20	34	21	10	85	5	5
0344	4058.8	6855.2	W13691.8	Y43624.1	123	41.6									
0345	4058.5	6854.0	W13687.1	Y43621.2	202	36.1		517	57	460	424	45	45	10	29
0346	4053.9	6841.7	W13645.7	Y43582.7	167	35.5		0	0	0	0	20	70	10	3
0347	4048.8	6848.9	W13701.4	Y43557.7	154	37.7	53.2								
0348	4047.5	6848.7	W13705.7	Y43549.6	158	36.1		140	117	23	20	40	20	40	5
0349	4048.2	6845.9	W13689.2	Y43551.6	292	35.5		26	17	9	9	40	20	40	1
0350	4043.8	6848.5	W13719.4	Y43526.7	93	36.6		76	46	30	30	30	20	50	2

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Station	Station Data					Number of Scallops				Trash By-Catch					
	Position		Loran TD's	heading	Bottom		Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone (Percentage)	Inverts	Total Vol. (BU)	
	Lat.	Long.			Depth (FM)	Temp (F)									
0351	4046.7	6838.7	W13660.6	Y43536.8	191	29.5	57.6	3	1	2	2	10	10	80	2
0352	4041.7	6842.8	W13700.1	Y43509.5	190	36.6		34	8	26	25	80	5	15	5
0353	4039.3	6844.9	W13719.6	Y43496.3	175	34.4		58	52	6	6	25	15	60	4
0354	4042.1	6836.8	W13669.8	Y43507.5	201	32.3	52.9	2	1	1	1	15	0	85	10
0355	4034.4	6841.1	W13720.4	Y43463.4	230	36.1		61	56	5	4	70	0	30	1
0356	4031.6	6844.0	W13744.9	Y43448.0	136	38.3		3	0	3	3	90	0	10	13
0357	4036.8	6835.0	W13682.2	Y43473.9	160	35.5	49.1	18	7	11	11	75	0	25	8
0358	4029.2	6824.8	W13663.9	Y43421.0	164	51.4		1	1	0	0	95	0	5	14
0359	4031.2	6822.8	W13647.0	Y43431.9	341	51.9		2	2	0	0	95	2	3	17
0360	4033.6	6820.9	W13628.9	Y43445.1	62	50.9	46.8	1	1	0	0	90	5	5	9
0361	4036.3	6810.7	W13571.7	Y43454.7	184	51.4		19	4	15	1	90	5	5	17
0362	4033.8	6810.7	W13581.6	Y43439.9	73	51.4		38	32	6	4	80	0	20	21
0363	4036.4	6800.6	W13525.9	Y43448.9	183	49.2	47.3	5	0	5	5	98	2	0	32
0364	4034.0	6751.1	W13493.6	Y43429.2	341	52.5		3	1	2	1	98	2	0	27
0365	4038.0	6752.4	W13483.2	Y43453.1	326	46.5		14	3	11	10	98	2	0	29
0366	4046.0	6758.8	W13478.8	Y43503.5	51	39.4	50.0	61	6	55	34	90	5	5	8
0367	4051.0	6750.7	W13421.9	Y43526.5	28	36.6		14	2	12	12	85	0	15	7
0368	4056.4	6746.7	W13381.3	Y43554.1	177	31.2		63	4	59	59	75	10	15	4
0369	4044.0	6743.1	W13418.0	Y43481.6	174	38.8	48.4	1336	1194	142	38	80	5	15	3
0370	4039.1	6742.7	W13436.5	Y43453.5	178	42.1		360	308	52	38	90	0	10	3
0371	4034.6	6744.9	W13464.2	Y43429.0	180	52.5		15	15	0	0	90	0	10	7
0372	4036.5	6729.8	W13392.1	Y43431.1	168	52.5	46.9	21	21	0	0	90	5	5	11
0373	4038.4	6715.2	W13323.8	Y43433.5	56	56.9		0	0	0	0	90	5	5	19
0374	4048.2	6725.9	W13327.2	Y43494.1	296	47.6		42	1	41	41	90	5	5	17
0375	4051.0	6732.4	W13342.7	Y43513.9	17	42.7	48.7	189	56	133	88	90	5	5	3
0376	4053.4	6730.9	W13326.1	Y43526.2	49	41.6		234	124	110	69	60	5	35	3
0377	4055.9	6726.9	W13298.4	Y43537.2	21	41.0		242	174	68	57	85	5	10	6
0378	4058.3	6725.1	W13280.4	Y43549.1	135	39.4	48.7	153	63	91	43	85	5	10	3
0379	4053.7	6716.8	W13265.8	Y43518.4	144	46.5		93	10	83	81	90	0	10	14
0380	4048.8	6710.6	W13261.5	Y43487.8	53	51.9		32	2	30	25	95	0	5	27
0381	4051.3	6705.1	W13228.5	Y43497.9	320	49.8	46.2	59	0	59	49	90	5	5	7
0382	4053.8	6707.0	W13225.4	Y43512.6	330	47.0		115	1	114	111	90	5	5	12
0383	4101.3	6710.9	W13208.5	Y43555.5	262	39.4									
0384	4101.2	6711.1	W13209.8	Y43555.1	1	39.4		36	0	36	25	50	0	50	5
0385	4101.3	6715.9	W13229.0	Y43559.0	351	38.8	50.0	50	3	47	46	60	0	40	4
0386	4108.2	6720.5	W13217.4	Y43599.4	43	31.2									
0387	4109.1	6719.8	W13210.4	Y43603.7	263	30.6		25	1	24	22	25	0	75	7
0388	4108.6	6716.6	W13199.4	Y43598.6	62	37.2		13	1	12	12	10	0	90	7
0389	4111.2	6710.8	W13163.8	Y43608.1	129	32.8	53.2	20	1	19	19	5	0	95	4
0390	4108.8	6704.7	W13150.0	Y43590.9	178	37.2		286	4	282	272	85	0	15	3

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Station	Station Data					Number of Scallops				Trash By-Catch				
	Position		Loran TD's	heading	Depth (FM)	Bottom Temp (F)	Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone (Percentage)	Inverts	Total Vol. (BU)
	Lat.	Long.												
0391	4106.0	6704.7	W13162.5	Y43576.2	131	36.1	492	0	492	423	10	0	90	4
0392	4100.8	6657.2	W13155.7	Y43543.5	175	39.4	2674	2051	623	42	95	0	5	3
0393	4059.3	6656.8	W13160.7	Y43535.3	220	39.4	651	603	48	21	90	0	10	1
0394	4058.8	6700.6	W13178.0	Y43535.2	135	41.0	1072	940	132	32	90	0	10	1
0395	4057.4	6701.1	W13186.1	Y43528.1	88	43.2	1080	969	111	57	85	0	15	3
0396	4054.3	6657.0	W13183.3	Y43508.9	178	48.1	54	3	51	45	90	5	5	33
0397	4053.8	6651.3	W13163.1	Y43502.8	180	50.9	26	2	24	12	90	5	5	32
0398	4053.8	6645.3	W13139.8	Y43499.1	33	53.6	14	13	1	0	90	5	5	30
0399	4056.1	6641.5	W13115.2	Y43508.9	71	52.5	2	1	1	0	90	5	5	10
0400	4100.7	6632.4	W13060.7	Y43527.1	332	53.0								
0401	4101.3	6633.0	W13060.3	Y43530.6	132	49.2	21	21	0	0	90	5	5	17
0402	4103.8	6634.2	W13053.7	Y43544.2	268	49.2	3120	580	2540	1930	90	0	10	2
0403	4103.9	6644.0	W13090.5	Y43551.0	228	42.1	3486	3262	224	49	90	0	10	1
0404	4101.6	6648.0	W13116.1	Y43541.7	209	40.5	1236	1168	68	40	90	0	10	1
0405	4103.4	6649.1	W13112.4	Y43551.8	51	41.6	1248	1131	117	9	90	0	10	1
0406	4108.7	6644.8	W13072.1	Y43576.4	254	40.5	21900	13530	8370	1770	10	0	90	5
* 0407	4108.5	6649.3	W13090.4	Y43578.5	261	39.9	5374	3467	1907	294	5	5	90	8
0408	4111.3	6658.7	W13114.7	Y43599.7	69	37.7	446	9	437	389	5	5	90	4
0409	4113.4	6653.1	W13083.0	Y43606.5	43	38.8	1114	66	1048	737	5	5	90	5
0410	4116.2	6650.0	W13058.1	Y43618.7	296	38.8	1262	34	1228	911	5	5	90	6
0411	4118.8	6656.1	W13070.0	Y43636.7	222	37.2	151	2	149	146	5	5	90	9
0412	4118.2	6704.4	W13105.8	Y43640.0	331	33.4	11	0	11	11	2	2	96	11
0413	4123.6	6713.0	W13115.6	Y43675.0	97	27.9	0	0	0	0	5	0	95	5
0414	4123.4	6704.6	W13082.4	Y43667.1	358	33.4	1	0	1	1	5	0	95	17
0415	4126.1	6704.3	W13068.5	Y43680.8	0	33.4	1	0	1	1	5	0	95	10
0416	4133.6	6714.8	W13075.4	Y43728.3	359	27.9	0	0	0	0	5	0	95	5
0417	4131.3	6701.3	W13031.7	Y43704.9	23	35.5	0	0	0	0	5	5	90	4
0418	4123.8	6655.1	W13042.7	Y43661.6	119	37.7	66	0	66	64	2	2	96	8
0419	4128.3	6650.6	W13003.8	Y43680.9	339	37.7	29	3	26	26	2	2	96	9
0420	4131.3	6650.8	W12990.3	Y43696.2	337	37.7	10	0	10	10	2	2	96	9
0421	4132.0	6649.4	W12981.5	Y43698.6	186	38.3	41	2	39	38	2	2	96	7
0422	4126.4	6645.2	W12992.0	Y43667.0	124	41.6	243	9	234	201	49	2	49	9
0423	4123.9	6638.0	W12976.3	Y43648.9	251	46.5	259	1	258	233	45	5	50	3
0424	4121.3	6644.8	W13014.3	Y43640.9	140	41.6	920	25	895	745	5	0	95	4
0425	4115.9	6638.2	W13014.2	Y43608.6	147	45.4	14544	5376	9168	1704	10	0	90	3
0426	4111.1	6634.5	W13022.1	Y43581.7	160	48.1	546	129	417	282	90	0	10	10
0427	4108.6	6632.7	W13026.6	Y43567.7	61	51.4	260	133	127	43	90	0	10	11
0428	4111.1	6626.9	W12993.8	Y43576.6	333	50.3	783	414	369	102	90	0	10	12
0429	4113.8	6629.1	W12989.7	Y43591.7	253	50.9	1892	324	1568	840	5	2	93	4
0430	4114.0	6632.9	W13002.9	Y43595.3	333	48.1	2695	2605	90	45	49	2	49	2

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June 27 - August 16

Station	Station Data					Number of Scallops				Trash By-Catch				
	Position		Loran TD's	heading	Depth (FM)	Bottom Temp (F)	Total No.	<90mm >40ct	>90mm <40ct	>100mm >30ct	Shell	Stone (Percentage)	Inverts	Total Vol. (BU)
	Lat.	Long.												
0431	4118.8	6634.1	W12985.4	Y43620.4	22	48.1	939	342	597	120	5	2	93	1
0432	4121.7	6633.0	W12967.8	Y43634.2	25	50.9	440	176	264	74	5	5	90	3
0433	4124.0	6631.4	W12951.1	Y43644.5	117	50.9	161	61	100	41	30	5	65	2
0434	4120.9	6622.8	W12933.9	Y43622.8	51	53.6	14	1	13	6	95	0	5	7
0435	4123.4	6618.3	W12906.0	Y43632.0	337	51.9	106	106	0	0	90	0	10	13
0436	4125.9	6620.0	W12900.5	Y43645.5	275	51.9	408	395	13	12	90	0	10	4
0437	4125.5	6630.4	W12940.4	Y43651.2	323	49.2	201	41	160	121	85	5	10	4
0438	4128.7	6628.6	W12918.6	Y43665.7	331	51.4	260	30	230	117	85	0	15	4
0439	4128.4	6636.5	W12949.5	Y43670.3	329	47.6	46	2	44	41	65	0	35	4
0440	4130.4	6638.4	W12947.1	Y43681.7	48	43.2	28	0	28	28	15	2	83	4
0441	4138.4	6643.0	W12926.0	Y43725.2	91	38.3	6	1	5	5	5	2	93	6
0442	4143.2	6649.6	W12927.8	Y43754.5	270	36.1								
0443	4143.9	6652.4	W12935.2	Y43760.5	206	36.1								
0444	4138.9	6650.8	W12953.5	Y43734.2	233	36.6	1	0	1	1	5	2	93	4
0445	4135.4	6657.5	W12996.8	Y43722.4	227	32.8	0	0	0	0	3	2	95	11
0446	4151.0	6652.4	W12899.7	Y43795.4	214	36.6	0	0	0	0	25	50	25	4
0447	4146.1	6640.9	W12880.2	Y43761.2	302	35.5	8	6	2	1	75	5	20	2
0448	4143.7	6642.8	W12899.3	Y43751.1	162	34.4	0	0	0	0	40	0	60	1
0449	4146.1	6631.0	W12843.3	Y43752.7	258	40.5	32	2	30	27	90	0	10	1
0450	4141.5	6637.2	W12889.0	Y43735.6	226	35.5	5	1	4	1	95	0	5	3
0451	4134.0	6635.0	W12917.1	Y43696.9	213	44.3	41	0	41	41	10	0	90	7
0452	4138.8	6625.8	W12860.0	Y43713.0	263	44.3	196	2	194	188	50	0	50	4
0453	4134.1	6614.8	W12843.1	Y43681.7	277	49.8	155	59	96	65	75	0	25	4
0454	4129.2	6610.9	W12852.6	Y43655.0	232	55.2	605	570	35	7	90	0	10	2
0455	4131.1	6604.7	W12822.0	Y43659.7	129	60.1	5010	5005	5	0	85	0	15	1
0456	4140.6	6555.6	W12745.8	Y43698.2	94	60.7	1184	1182	2	0	40	50	10	7
0457	4140.6	6607.8	W12787.4	Y43707.5	323	51.9	315	18	297	288	45	45	10	3
0458	4142.6	6604.4	W12766.0	Y43714.4	359	53.6	429	90	339	285	90	5	5	2
0459	4145.7	6612.9	W12780.3	Y43735.8	6	46.5	151	27	124	96	50	0	50	2
0460	4150.8	6604.0	W12724.5	Y43752.7	93	53.6	369	173	196	149	94	3	3	6
0461	4156.1	6610.2	W12719.4	Y43782.6	303	49.2	252	129	123	111	3	95	2	22
0462	4202.0	6606.4	W12676.7	Y43806.7	356	51.9	895	185	710	635	2	96	2	24
0463	4203.8	6606.1	W12666.5	Y43814.7	252	53.0	10792	9856	936	528	0	100	0	17
0464	4203.9	6611.9	W12685.8	Y43820.2	292	51.4	12784	12356	428	212	0	95	5	12
0465	4206.1	6620.2	W12703.4	Y43837.9	284	48.1	1561	315	1288	413	20	60	20	5
0466	4205.8	6630.1	W12740.3	Y43845.6	185	45.4	73	21	52	52	2	95	3	23
0467	4205.7	6638.7	W12772.3	Y43853.2	210	42.1	488	120	368	316	10	50	40	21
0468	4203.8	6642.6	W12796.8	Y43847.9	341	39.4	104	6	98	94	20	40	40	14
0469	4206.1	6640.9	W12778.4	Y43857.2	269	40.5	153	31	122	102	20	40	40	16
0470	4205.9	6646.7	W12801.3	Y43861.9	163	37.7	47	5	42	42	10	80	10	13

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June 27 - August 16

Station	Position		Loran		Depth (FM)	Bottom Temp (F)	Number of Scallops				Trash By-Catch				
	Lat.	Long.	TD's	heading			Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone (Percentage)	Inverts	Total Vol. (BU)	
0471	4203.3	6646.1	W12812.6	Y43848.9	324	40.5	2962	607	2355	535	10	80	10	10	
0472	4206.8	6648.2	W12802.3	Y43867.6	229	38.3	87	32	55	54	5	90	5	23	
0473	4203.8	6652.7	W12835.3	Y43857.7	354	36.6	51.4	5376	1248	4128	888	70	20	10	4
0474	4206.6	6652.6	W12820.2	Y43871.0	200	36.1	1000	340	660	175	5	90	5	18	
0475	4203.7	6654.4	W12842.4	Y43858.9	319	35.5	1864	592	1272	232	10	80	10	5	
0476	4208.9	6654.3	W12814.7	Y43883.6	225	55.8	42.1	223	7	216	214	5	90	5	39
0477	4203.3	6656.3	W12851.9	Y43858.8	318	35.0	101	63	38	12	85	10	5	11	
0478	4205.7	6658.3	W12847.1	Y43872.3	332	34.4	3164	672	2492	686	5	5	90	3	
0479	4205.4	6704.2	W12872.0	Y43876.8	331	31.2	51.8	39120	9680	29440	9680	5	90	5	1
0480	4208.1	6706.4	W12866.6	Y43892.1	338	36.1	60	29	31	7	3	95	2	7	
0481	4208.4	6709.6	W12877.9	Y43896.8	272	45.9	1472	88	1384	1304	15	70	15	9	
0482	4206.8	6711.0	W12892.0	Y43890.6	191	32.8	44.8	7	2	5	5	5	80	15	20
0483	4159.2	6710.2	W12928.5	Y43852.7	322	30.1									
0484	4158.7	6710.2	W12931.1	Y43850.2	269	28.4									
0485	4158.7	6713.2	W12943.3	Y43853.2	106	29.0	346	70	276	244	70	15	15	28	
0486	4159.0	6715.0	W12949.1	Y43856.5	104	27.3	61.0	121	13	108	88	50	0	50	26
0487	4155.5	6718.1	W12980.0	Y43842.3	309	28.4	24	2	22	20	70	20	10	26	
* 0488	4205.8	6714.0	W12909.5	Y43888.8	350	29.0	13	2	11	7	2	95	3	16	
0489	4208.5	6712.2	W12887.9	Y43900.0	261	51.4	46.9	2006	41	1965	1940	15	15	70	4
0490	4208.4	6713.9	W12895.4	Y43901.3	258	53.6	14472	0	14472	14472	90	0	10	1	
* 0491	4207.7	6715.6	W12906.0	Y43899.7	268	45.9	319	67	252	118	75	0	25	3	
0492	4206.0	6718.7	W12927.8	Y43894.7	25	30.6	57.6	17160	264	16896	15576	5	90	5	4
* 0493	4207.6	6717.8	W12915.6	Y43901.6	283	47.0	2868	732	2136	1524	60	10	30	3	
0494	4203.4	6722.0	W12955.2	Y43885.4	294	27.9	1628	1628	0	0	5	5	90	7	
0495	4206.0	6722.4	W12943.2	Y43898.6	285	35.5	41.9	61	50	11	3	80	10	10	2
0496	4203.7	6723.7	W12960.8	Y43888.7	267	27.3	192	174	18	15	5	90	5	12	
0497	4206.2	6725.7	W12956.0	Y43903.1	270	48.1	115	34	81	38	34	33	33	1	
0498	4203.9	6728.1	W12978.3	Y43894.3	248	32.3	44.8	462	232	230	112	5	90	5	7
0499	4204.1	6730.7	W12988.4	Y43898.1	243	40.5	348	223	125	79	15	15	70	3	
0500	4201.7	6736.1	W13024.2	Y43892.0	250	33.4	19	5	14	12	15	5	80	1	
0501	4201.5	6740.9	W13046.2	Y43896.2	269	44.8									
0502	4201.3	6741.5	W13049.9	Y43895.8	78	44.3	53.4	70	32	38	34	10	0	90	1
0503	4201.2	6744.2	W13062.3	Y43898.2	241	52.5	4	0	4	3	2	0	98	13	
0504	4156.7	6748.4	W13104.3	Y43880.0	231	33.9	8	0	8	8	5	0	95	20	
0505	4156.4	6754.3	W13132.5	Y43884.9	239	54.7	43.3	8	2	6	5	0	0	100	1
0506	4153.9	6754.2	W13144.8	Y43871.9	252	35.0	16	1	15	12	5	0	95	9	
0507	4153.8	6758.3	W13164.0	Y43875.9	240	49.2	4	0	4	4	5	0	95	16	
0508	4151.4	6803.4	W13199.7	Y43868.9	225	48.7	42.6	2	1	1	1	5	5	90	10
0509	4148.7	6804.5	W13218.4	Y43855.9	247	35.5	69	3	66	63	10	0	90	7	
0510	4150.7	6807.1	W13220.4	Y43869.3	219	56.9	1	1	0	0	4	1	95	5	
0511	4145.9	6808.9	W13252.8	Y43845.9	254	27.9	48.7	12	6	6	5	5	0	95	17
0512	4144.3	6815.3	W13290.9	Y43844.3	264	32.3	48	34	14	12	5	0	95	1	
0513	4145.9	6818.1	W13296.3	Y43856.0	211	49.2									
0514	4144.1	6819.2	W13310.4	Y43847.5	194	41.6	45.1								
0515	4133.8	6829.1	W13408.0	Y43801.9	272	48.1	10	4	6	4	2	8	90	7	

ALBATROSS IV 2001 SEA SCALLOP SURVEY
June 27 - August 16

Station	Position		Loran		Depth (FM)	Bottom Temp (F)	Number of Scallops				Trash By-Catch				
	Lat.	Long.	TD's	heading			Total No.	<90mm >40ct	>90mm <40ct	>100mm <30ct	Shell	Stone (Percentage)	Inverts	Total Vol. (BU)	
0516	4134.1	6832.7	W13424.1	Y43807.4	202	68.9		1	1	0	0	2	0	98	1
0517	4128.8	6838.8	W13478.9	Y43784.2	141	60.7	41.2	34	7	27	23	10	0	90	10
0518	4126.3	6834.8	W13470.8	Y43765.8	90	51.9		9	6	3	1	2	0	98	5
0519	4126.7	6832.7	W13458.7	Y43765.8	152	50.9		3030	1836	1194	390	5	0	95	1
0520	4124.3	6831.0	W13461.5	Y43750.5	36	45.4	46.6	5304	338	4966	4316	30	0	70	2
0521	4129.5	6824.4	W13405.5	Y43773.0	159	33.4		215	166	49	30	90	0	10	5
0522	4126.2	6822.9	W13413.8	Y43753.0	161	33.4		5	1	4	4	5	0	95	34
0523	4122.0	6819.9	W13418.9	Y43726.4	226	27.9	59.2	177	37	140	130	85	0	15	30
0524	4118.8	6826.3	W13464.0	Y43714.6	213	33.9		137	119	18	16	95	0	5	12
0525	4116.3	6828.9	W13487.7	Y43702.8	295	31.7		0	0	0	0	1	0	99	32
0526	4116.7	6831.1	W13496.5	Y43707.2	315	31.2	56.1	3	0	3	2	1	0	99	7
0527	4120.8	6837.6	W13509.7	Y43737.2	277	44.8		234	50	184	124	50	0	50	1
0528	4121.1	6840.6	W13523.0	Y43742.0	212	49.2		189	25	164	115	50	0	50	4
0529	4116.6	6845.3	W13566.4	Y43720.7	126	44.8	42.3	1298	0	1298	1288	35	0	65	5
0530	4114.1	6841.0	W13556.3	Y43701.8	167	35.0		201	0	201	201	50	0	50	1
0531	4109.0	6838.8	W13567.8	Y43669.9	234	35.5		1746	732	1014	858	40	10	50	5
0532	4106.5	6842.4	W13596.2	Y43658.5	231	31.7	59.0	740	255	485	470	40	20	40	4
0533	4104.0	6846.6	W13627.5	Y43647.6	23	36.6		13968	1008	12960	12744	40	20	40	1
0534	4111.1	6846.7	W13597.5	Y43689.8	5	45.4		1032	16	1016	968	10	0	90	10
0535	4116.2	6848.6	W13584.6	Y43721.7	293	55.2	42.1	40	5	35	35	10	0	90	3
0536	4116.2	6852.6	W13604.6	Y43725.7	275	58.0		186	0	186	183	10	0	90	5
0537	4116.0	6854.8	W13616.5	Y43726.8	201	61.2		55	0	55	55	10	0	90	1
0538	4111.5	6856.0	W13642.2	Y43701.3	188	58.0	41.4	95	5	90	89	15	0	85	3
0539	4110.6	6900.4	W13668.3	Y43700.3	149	58.0		348	12	336	336	25	0	75	1
0540	4106.6	6857.2	W13669.2	Y43673.1	155	50.3		112	1	111	103	40	20	40	3
0541	4108.2	6853.1	W13641.8	Y43678.8	190	55.8	43.0	48	3	45	42	65	30	5	6
0542	4104.0	6854.6	W13667.1	Y43655.0	227	42.1									
0543	4103.8	6855.1	W13670.5	Y43654.3	297	41.0									
0544	4103.8	6854.9	W13669.5	Y43654.1	270	43.7		11712	528	11184	10704	40	20	40	3
0545	4101.4	6856.8	W13689.0	Y43641.3	269	43.7		2736	0	2736	2664	40	20	40	4
0546	4102.1	6902.5	W13714.7	Y43650.9	319	45.9	50.0								
0547	4102.7	6902.8	W13713.7	Y43654.9	169	45.4		144	20	124	92	50	30	20	5
0548	4106.3	6908.0	W13725.2	Y43681.9	179	51.4		1992	1056	936	540	30	40	30	4
0549	4104.1	6911.8	W13753.8	Y43672.2	257	31.7									
0550	4103.7	6912.2	W13757.5	Y43670.1	351	33.9		187	33	154	122	30	40	30	7
0551	4108.5	6912.7	W13740.1	Y43700.1	348	34.4	46.0	3	0	3	3	2	96	2	11
0552	4110.7	6909.0	W13711.7	Y43709.7	0	55.8		69	57	12	9	33	33	34	1
0553	4113.3	6908.7	W13699.1	Y43725.1	0	51.9		8	3	5	5	34	33	33	1

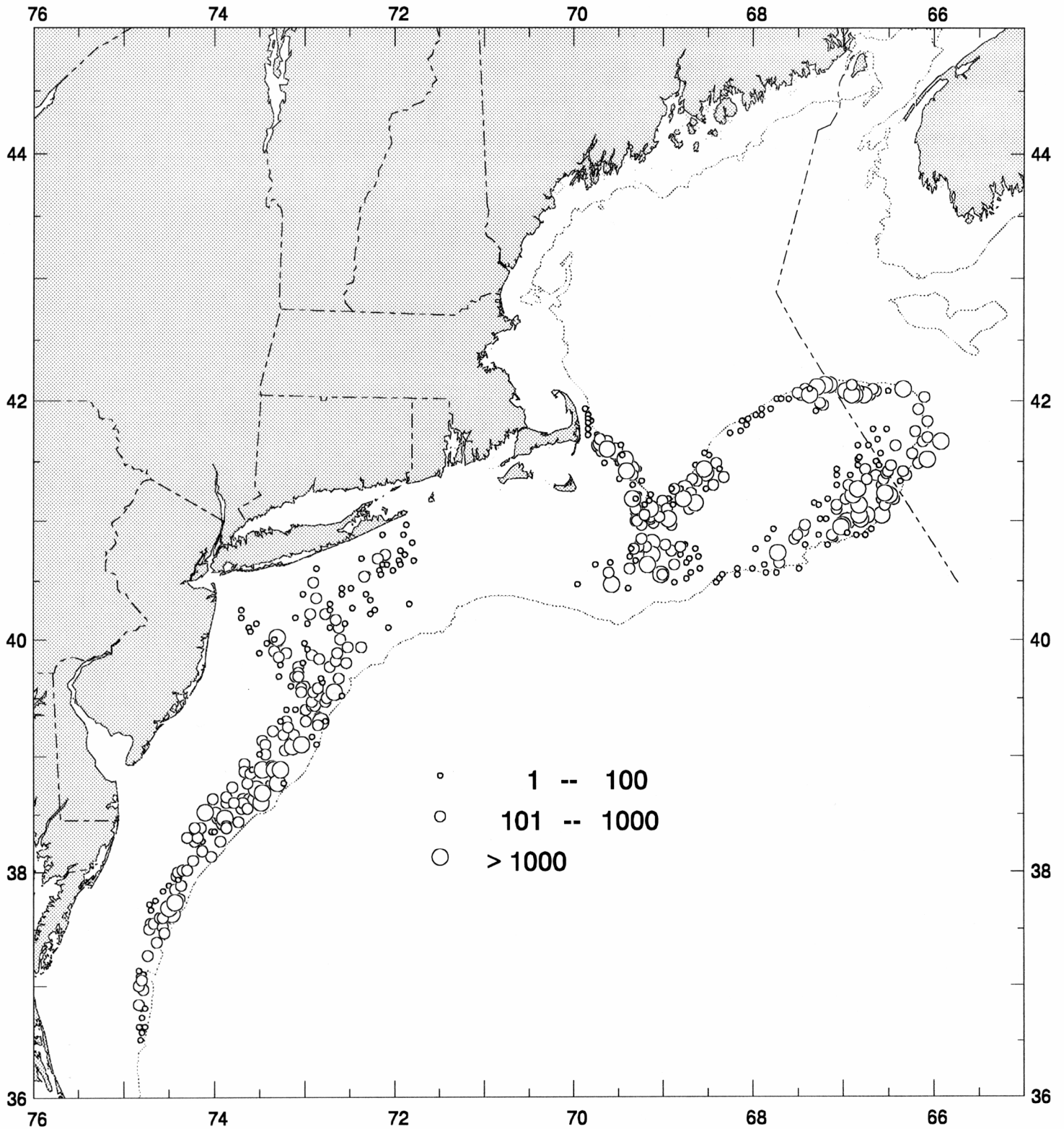
Total

388849 180587 208112 130659

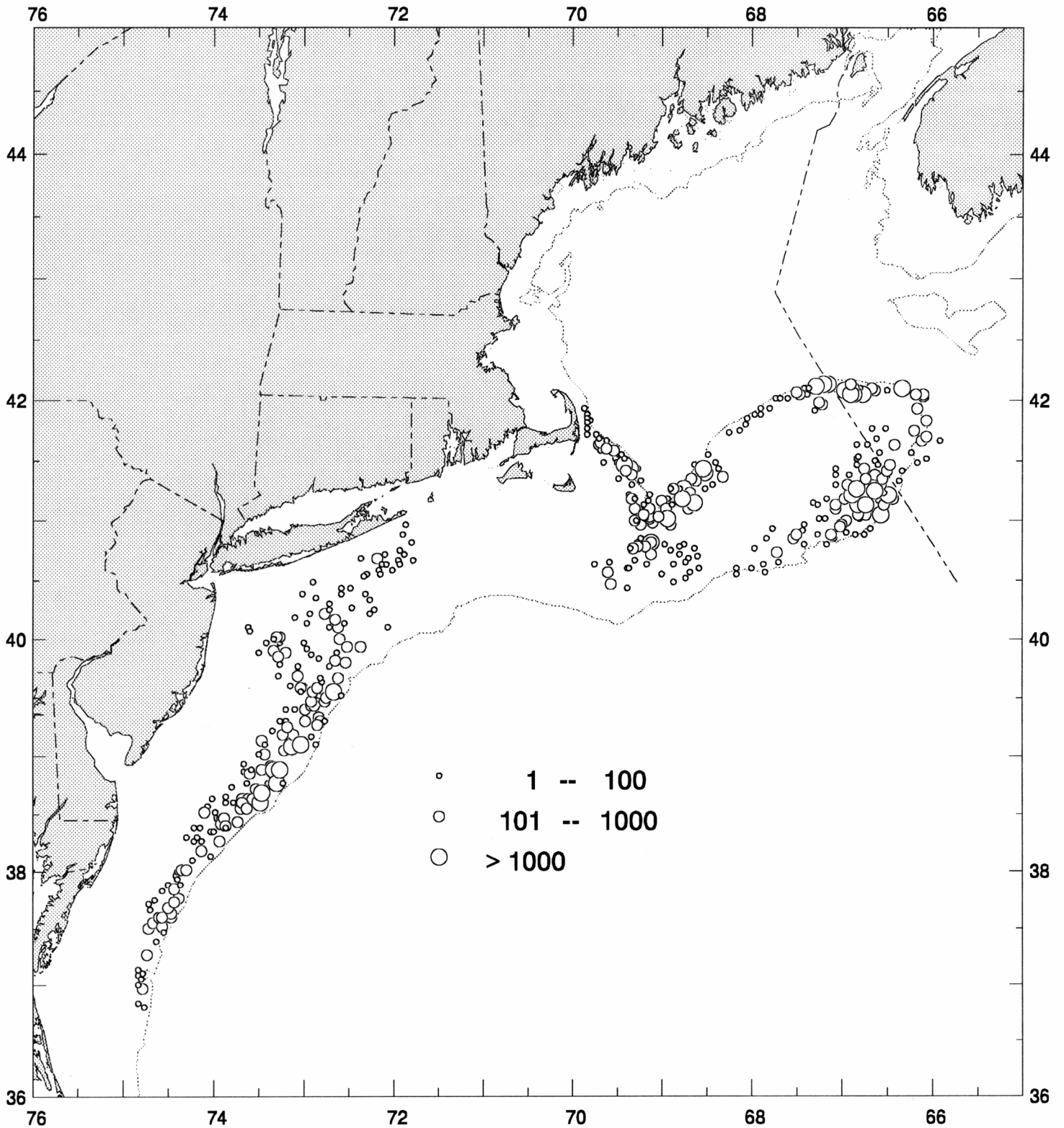
* Indicates non-random stations.

Stations not included in listing (missing sequential station numbers) are special non-survey experimental tows.
Stations with no scallop and trash data are stations where the dredge either flipped or hung-up.

NEFSC SCALLOP SURVEY - 2001
SEA SCALLOPS - Number/Tow
Total Number



NEFSC SCALLOP SURVEY - 2001
SEA SCALLOPS - Number/Tow
Greater Than 90 mm



NEFSC SCALLOP SURVEY - 2001
SEA SCALLOPS - Number/Tow
Less Than 90 mm

