

**CHARTS AND TABLES OF THE 2004
EASTERN BERING SEA
CRAB SURVEY**

NATIONAL MARINE FISHERIES SERVICE
Resource Assessment and Conservation Engineering Division
Kodiak Laboratory
Kodiak Fisheries Research Center
301 Research Court
Kodiak, Alaska 99615-7400
907-481-1700

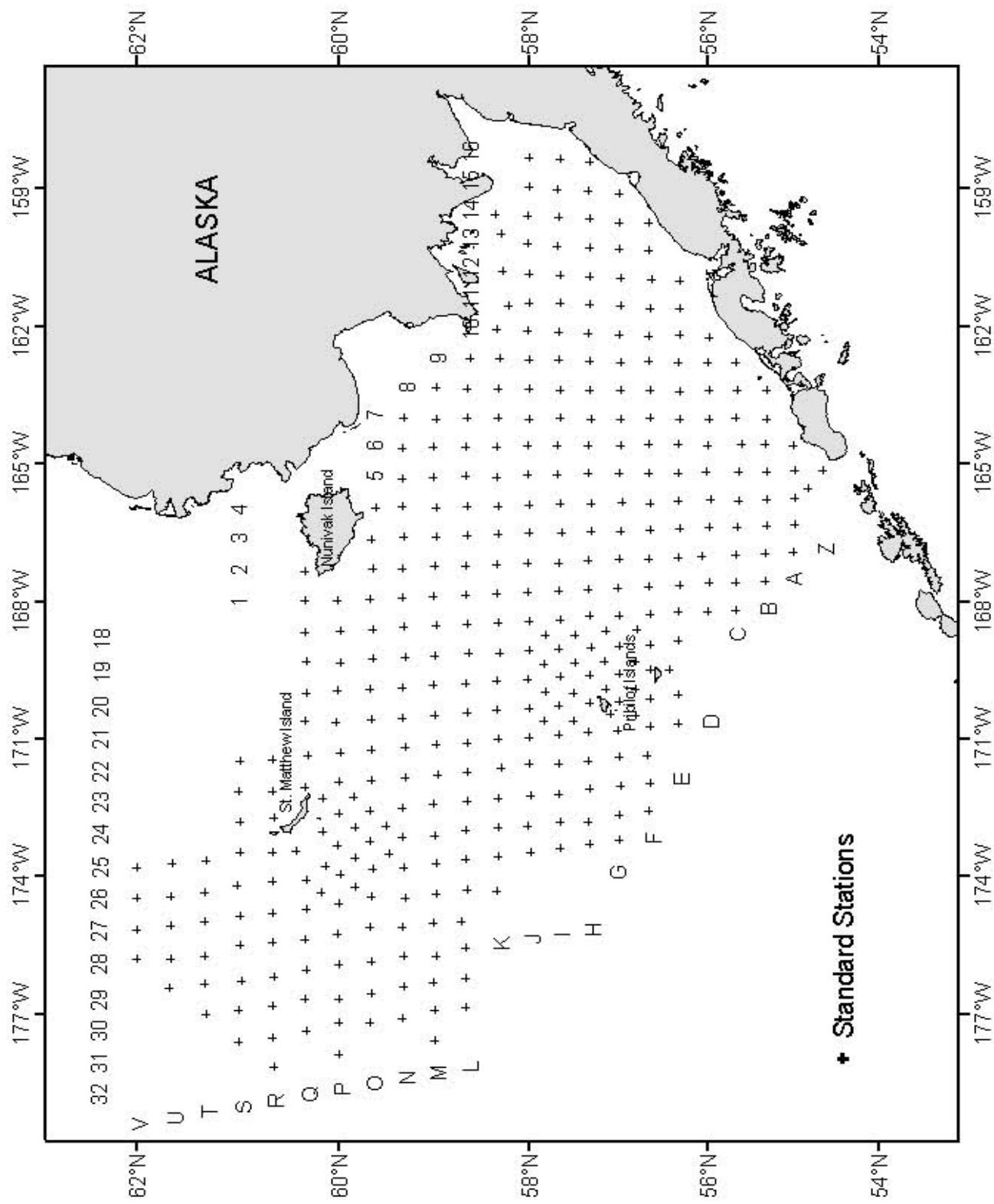
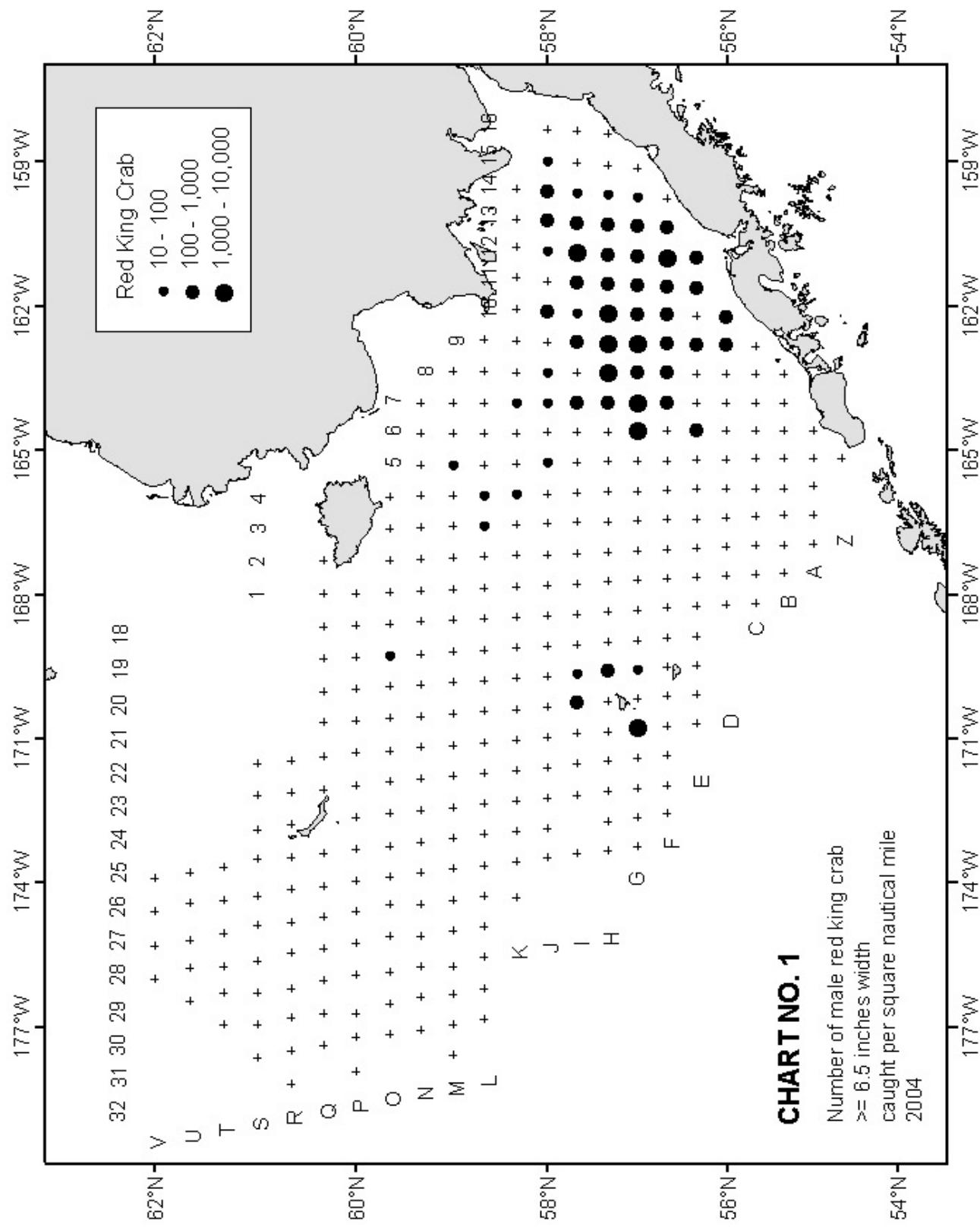
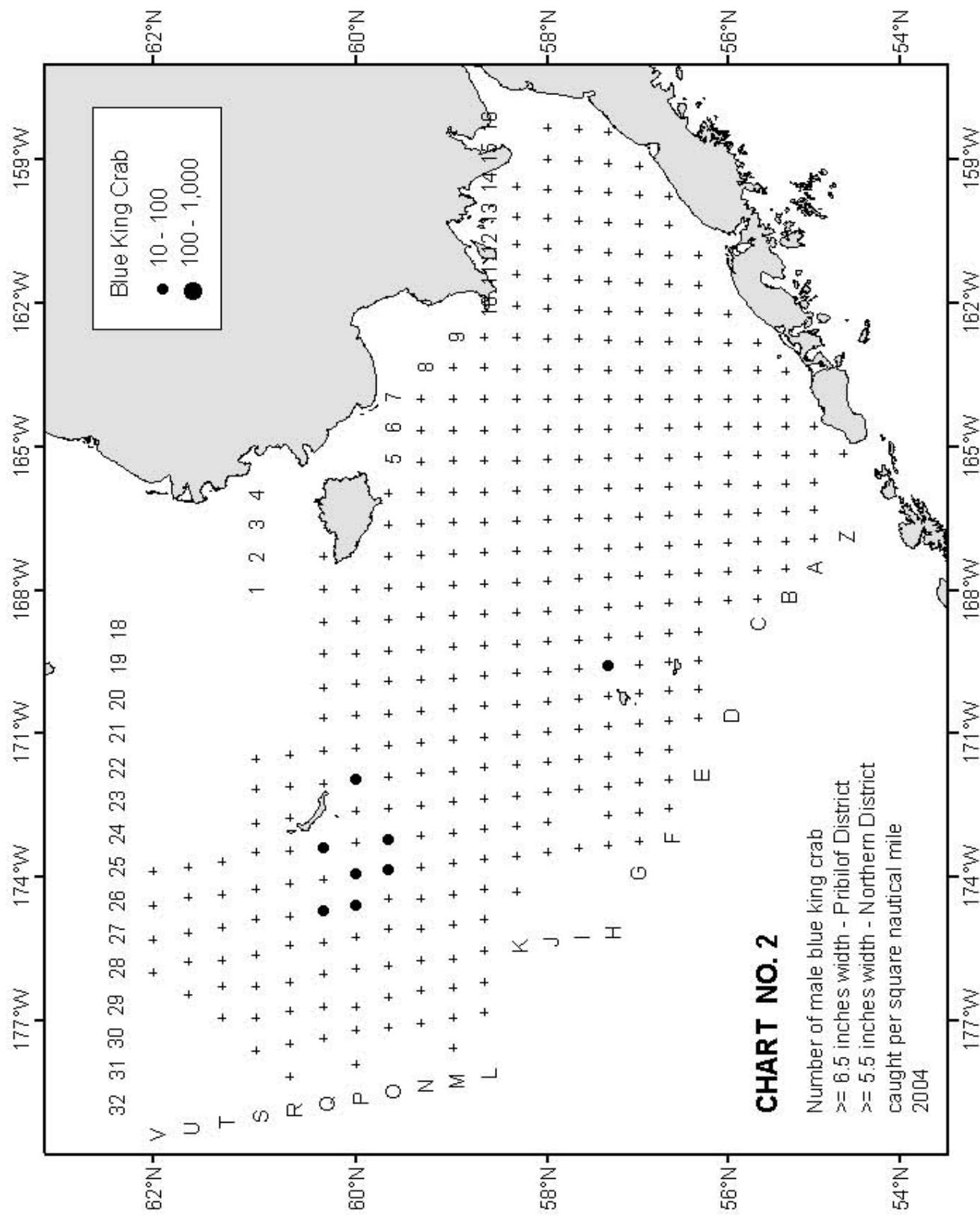
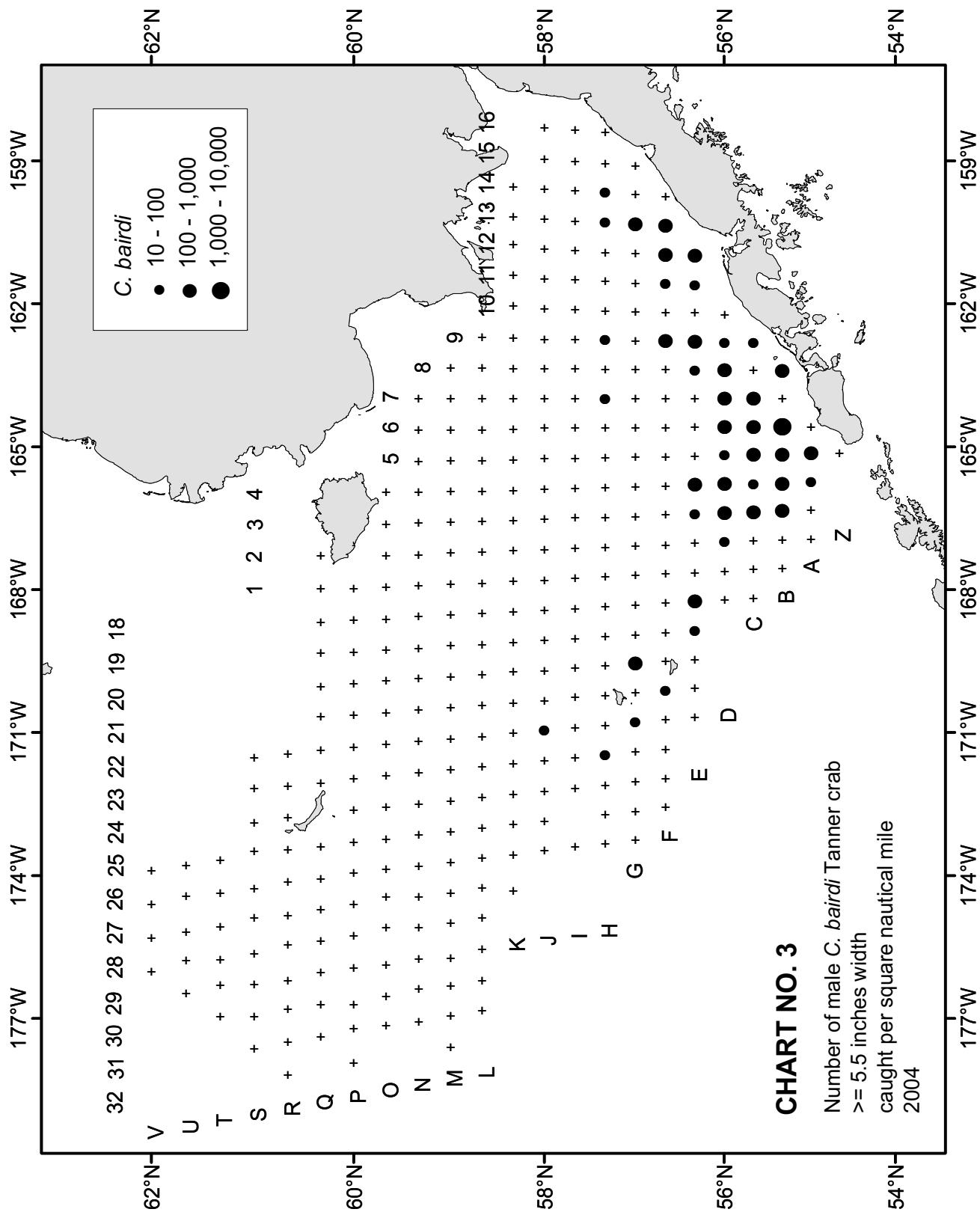
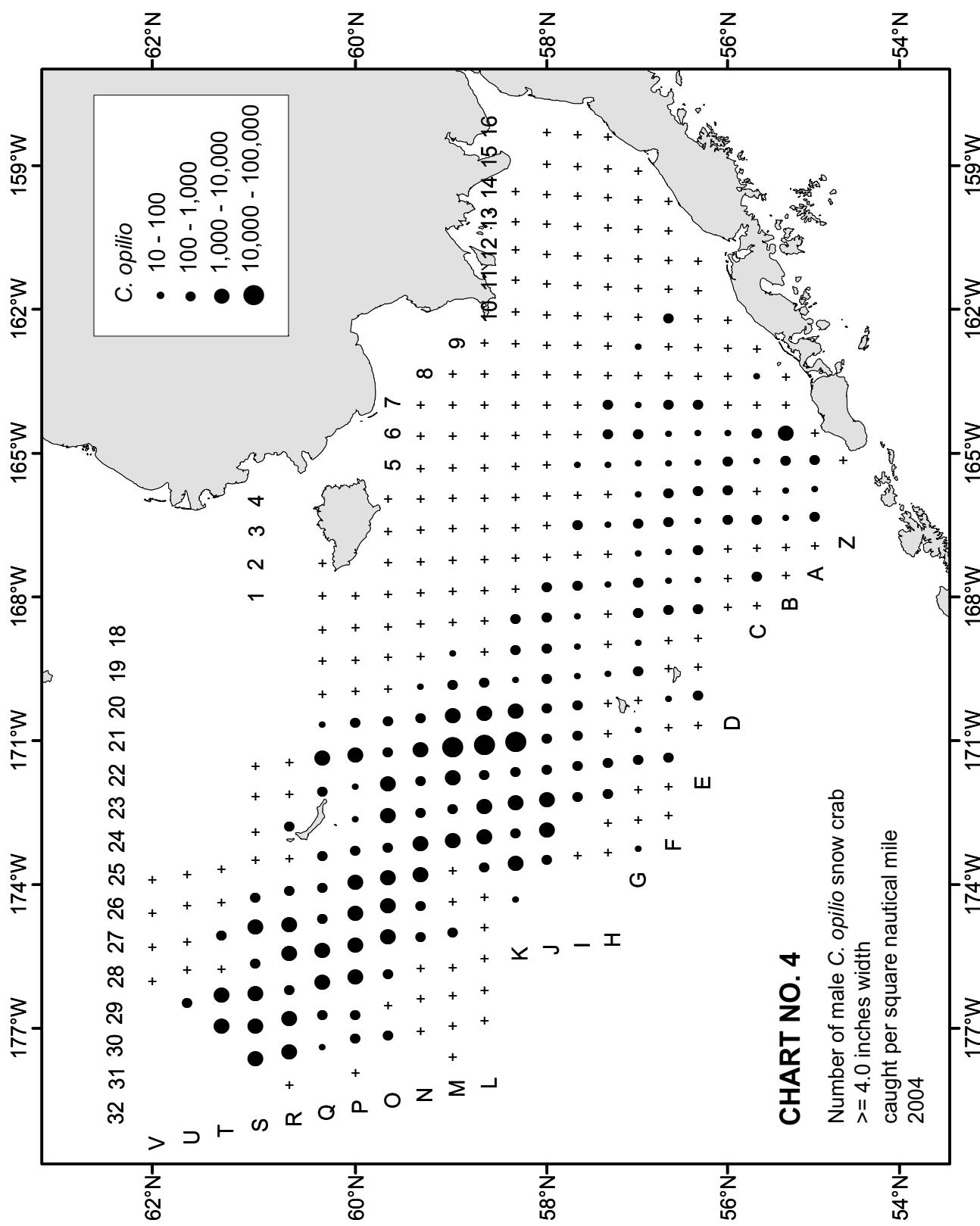


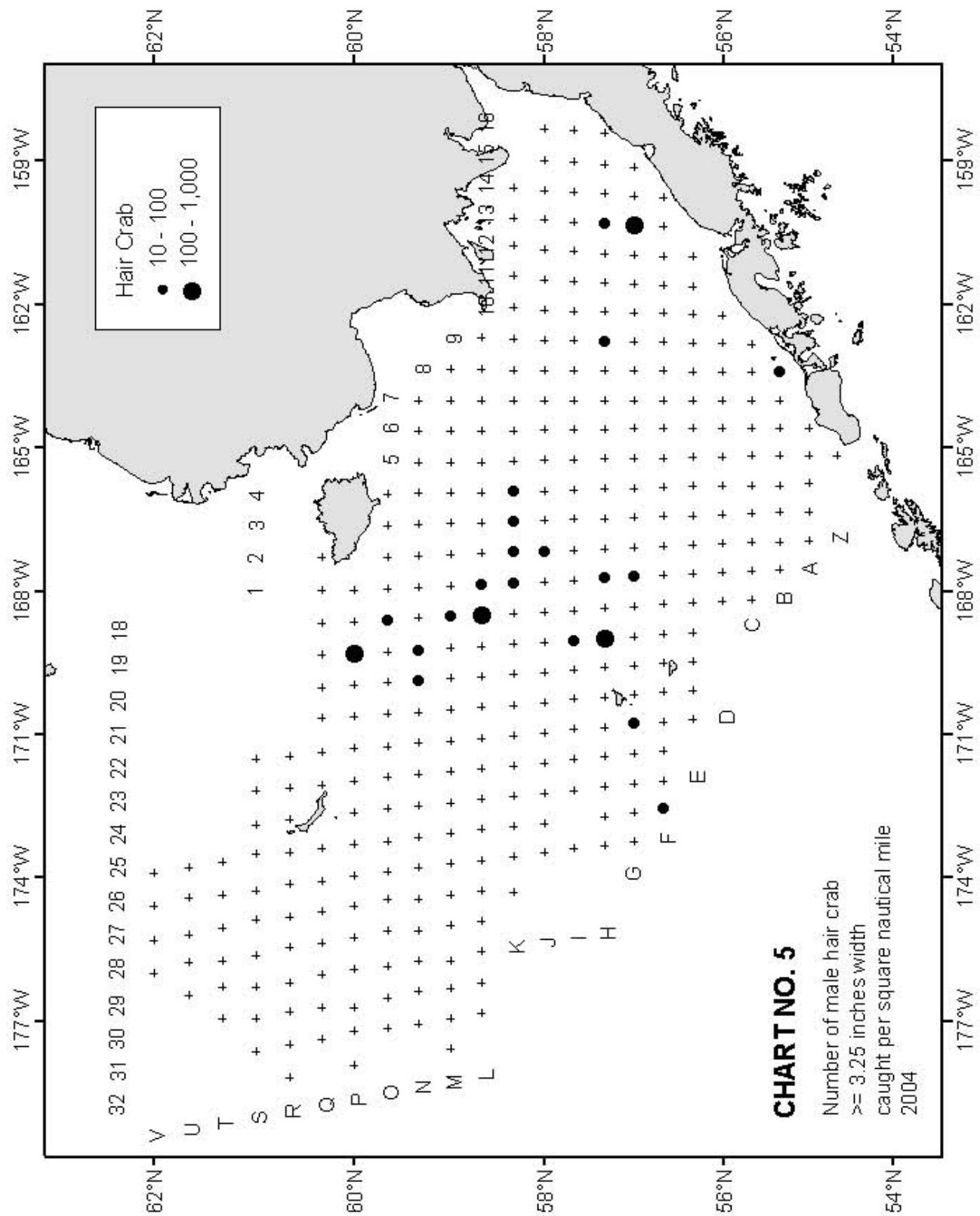
Figure 1. NMFS eastern Bering Sea crab survey area in 2004











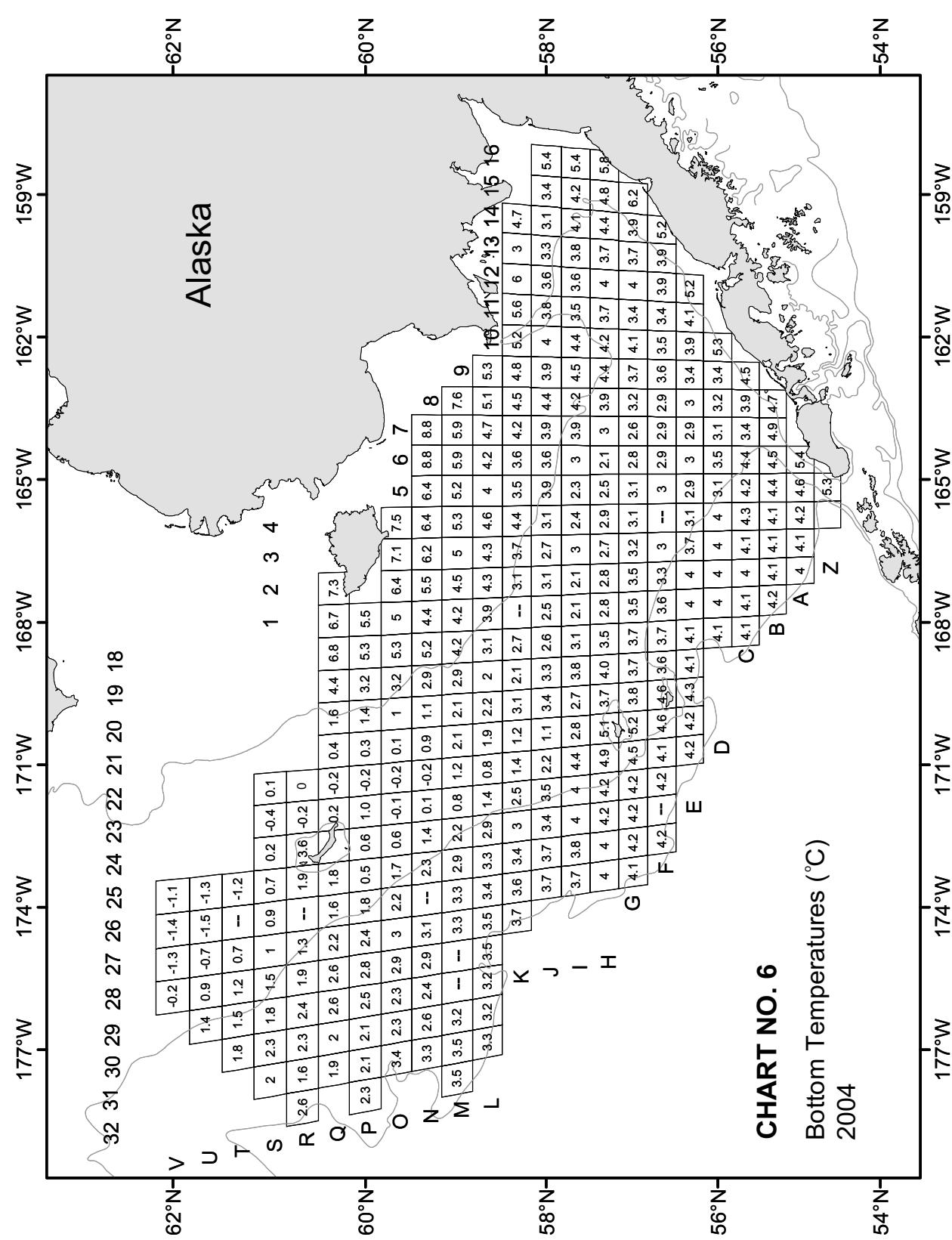


Table 7. Summary of crab density by tow (# per square nm) for Red King Crab.

(*Paralithodes camtschaticus*)

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL	
				Large	Medium	Small	Total	Large	Small	Total	
C09	6/11/04	55	40.4	162	49.8	26	0	80	0	80	161
D09	6/11/04	55	59.8	162	48.8	40	162	81	405	0	405
D10	6/11/04	55	58.9	162	15.7	35	309	1390	540	2239	10220
E06	6/18/04	56	19.8	164	34.7	45	247	0	247	0	247
E09	6/11/04	56	20.1	162	47.7	41	338	13363	14040	3383	8373
E10	6/11/04	56	19.2	162	11.8	40	0	123	245	368	858
E11	6/8/04	56	20.1	161	37.4	33	507	0	929	1436	2365
E12	6/8/04	56	19.7	161	0.1	27	322	81	242	645	967
F07	6/14/04	56	40.0	164	0.7	39	384	0	0	384	77
F08	6/14/04	56	39.7	163	23.1	39	237	0	0	237	0
F09	6/10/04	56	41.3	162	45.7	37	240	320	879	640	1519
F10	6/10/04	56	39.4	162	12.8	38	241	966	2294	3501	5192
F11	6/8/04	56	40.0	161	36.5	47	400	160	1121	1681	3603
F12	6/8/04	56	39.5	160	59.7	36	1598	1119	799	3515	2796
F13	6/7/04	56	39.6	160	22.2	30	236	473	236	946	1734
F14	6/7/04	56	40.1	159	45.2	18	0	82	0	82	82
G06	6/18/04	56	58.8	164	36.9	37	1505	0	0	1505	0
G07	6/14/04	57	0.1	164	1.3	36	18079	5189	1784	25052	405
G07	6/14/04	57	5.0	164	1.2	36	315	157	0	472	0
G07	6/14/04	57	0.1	164	10.6	36	8446	3057	241	11744	0
G07	6/14/04	56	55.3	164	1.1	37	2286	490	0	2775	0
G07	6/14/04	57	0.0	163	52.3	36	1834	479	160	2472	0
G08	6/14/04	56	59.7	163	24.3	34	569	975	650	2195	163
G09	6/10/04	57	0.2	162	47.6	32	1181	2362	1654	5197	2809
G10	6/10/04	56	59.8	162	11.4	31	153	612	2141	2905	4510
G11	6/8/04	56	60.0	161	33.9	36	503	587	2430	3519	3771
G12	6/8/04	57	0.2	160	57.7	33	324	243	1295	1862	1700
G13	6/7/04	56	59.7	160	19.7	32	253	84	169	507	591
G14	6/7/04	57	0.4	159	42.8	30	78	388	155	621	1164
G20	6/30/04	56	59.8	169	33.1	31	242	0	0	242	968
G22	7/2/04	57	7.1	170	28.4	25	1925	0	5929	7854	616
H07	6/14/04	57	19.9	164	0.9	33	235	0	0	235	0
H08	6/14/04	57	20.8	163	23.8	27	1202	641	240	2084	0

Table 7. Summary of crab density by tow (# per square nmi) for Red King Crab.

(*Paralithodes camtschaticus*)

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL				
				Large	Medium	Small	Total	Large	Small					
H09	6/10/04	57	19.3	162	46.6	25	11841	15144	21427	48411	21024	1772	22796	71207
H09	6/10/04	57	20.2	162	37.7	25	3054	235	235	3524	313	0	313	3837
H09	6/10/04	57	25.2	162	45.8	25	1404	826	0	2230	83	0	83	2313
H09	6/10/04	57	19.8	162	55.8	26	3732	6491	6166	16389	3570	568	4138	20526
H09	6/10/04	57	15.0	162	45.6	27	10760	8214	6982	25956	7064	411	7475	33430
H10	6/10/04	57	19.7	162	9.2	26	1969	410	246	2626	4102	0	4102	6728
H11	6/8/04	57	20.4	161	31.7	28	718	1276	2153	4146	9407	957	10364	14510
H12	6/8/04	57	20.6	160	56.0	32	474	633	316	1423	1582	0	1582	3005
H13	6/6/04	57	19.5	160	18.4	32	474	316	554	1344	2293	0	2293	3638
H14	6/7/04	57	19.1	159	40.0	29	80	318	159	557	80	0	80	636
H15	6/7/04	57	20.3	159	4.2	25	0	0	0	0	80	0	80	80
H16	6/5/04	57	20.4	158	24.7	16	0	0	74	74	0	0	0	74
H20	7/2/04	57	20.2	169	35.9	32	444	0	0	444	740	0	740	1183
I01	6/27/04	57	40.0	167	45.9	36	0	0	0	0	79	79	79	79
I07	6/15/04	57	39.8	164	0.6	27	319	0	0	319	0	0	0	319
I09	6/10/04	57	39.7	162	44.6	22	635	476	0	1111	317	0	317	1428
I10	6/10/04	57	39.5	162	7.6	24	78	0	78	156	156	0	156	312
I11	6/9/04	57	40.2	161	29.8	27	581	332	332	1245	1992	166	2158	3402
I12	6/8/04	57	40.0	160	52.7	30	1206	829	377	2413	2036	75	2111	4524
I13	6/6/04	57	40.7	160	15.9	27	652	408	326	1386	245	0	245	1630
I14	6/6/04	57	39.7	159	38.1	26	81	0	34109	34190	1047	31187	32235	66424
I15	6/7/04	57	40.1	159	1.0	25	0	0	161	161	0	81	81	242
I20	7/6/04	57	39.9	169	39.2	37	78	0	0	78	0	0	0	78
I21	7/2/04	57	30.4	169	59.4	36	808	0	0	808	162	0	162	969
I21	7/6/04	57	39.7	170	16.0	37	82	0	0	82	0	0	0	82
J03	6/25/04	58	0.4	166	31.1	32	0	0	154	154	231	0	231	384
J05	6/17/04	57	59.8	165	15.3	26	80	0	0	80	0	0	0	80
J06	6/17/04	57	59.9	164	36.8	23	0	0	0	0	77	0	77	77
J07	6/15/04	58	0.3	164	1.2	24	78	0	0	78	78	0	78	156
J08	6/15/04	57	59.9	163	23.0	22	77	0	0	77	77	0	77	154
J10	6/9/04	58	0.2	162	8.0	19	163	244	0	407	81	0	81	489
J11	6/9/04	58	0.3	161	29.8	28	0	241	161	402	1045	161	1206	1608
J12	6/9/04	58	0.7	160	53.1	23	77	461	0	538	615	0	615	1153

Table 7. Summary of crab density by tow (# per square nmi) for Red King Crab.

(*Paralithodes camtschaticus*)

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL				
				Large	Medium	Small	Total	Large	Small					
J13	6/6/04	57	59.9	160	13.0	26	244	407	163	813	488	81	569	1382
J14	6/6/04	57	59.9	159	35.4	21	380	152	76	607	228	0	228	835
J15	6/5/04	57	59.9	158	57.9	21	77	0	5166	5243	77	5474	5551	10794
J18	7/3/04	58	0.2	168	26.6	36	0	0	76	76	0	0	0	76
K03	6/25/04	58	20.4	166	33.0	24	0	0	0	156	78	233	233	233
K04	6/25/04	58	20.1	165	55.6	22	77	0	0	77	77	154	154	231
K05	6/17/04	58	19.8	165	17.1	24	0	0	0	0	79	0	79	79
K06	6/17/04	58	19.9	164	38.0	22	0	0	0	0	77	0	77	77
K07	6/15/04	58	20.2	164	0.2	21	80	0	0	80	0	0	0	80
K10	6/9/04	58	20.2	162	3.4	24	0	0	75	75	0	0	0	75
L02	6/27/04	58	39.6	167	13.7	22	0	77	0	77	0	0	0	77
L03	6/25/04	58	40.4	166	34.0	21	76	76	227	151	0	151	0	378
L04	6/25/04	58	40.3	165	55.6	19	79	0	79	158	79	0	79	238
L05	6/17/04	58	39.9	165	17.0	20	0	0	162	162	0	0	0	162
L06	6/17/04	58	40.1	164	39.0	19	0	0	81	81	0	0	0	81
M01	6/27/04	59	0.0	167	52.8	21	0	0	159	159	0	0	0	159
M02	6/27/04	58	59.7	167	14.4	20	0	0	0	80	0	0	80	80
M03	6/25/04	59	0.0	166	34.7	17	0	0	77	77	0	77	77	154
M05	6/17/04	58	60.0	165	18.3	14	77	0	77	154	0	0	0	154
N01	6/26/04	59	19.9	167	54.7	20	0	0	80	80	0	80	80	159
N02	6/27/04	59	19.4	167	16.5	16	0	0	78	78	0	0	0	78
N03	6/26/04	59	19.8	166	36.4	14	0	0	0	0	76	0	0	76
N04	6/26/04	59	19.4	165	56.5	12	0	0	151	151	0	76	76	227
O04	6/26/04	59	36.7	165	57.8	13	0	0	0	0	76	0	76	76
O18	7/4/04	59	39.8	168	37.2	20	0	79	0	79	0	0	0	79
O19	7/4/04	59	40.0	169	15.9	24	84	0	0	84	0	0	0	84
Q18	7/5/04	60	19.9	168	41.8	18	0	0	0	79	0	0	79	79

NOTE: Minimum carapace sizes used are: Large Males > 6.5 in; Medium Males = 5.2 to 6.5 in; Large Females > 4.3 in.

Table 8A. Summary of crab density by tow (# per square nmi) for Pribilof Blue Kings.

(*Paralithodes platypus*)

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL	
				Large	Medium	Small	Total	Large	Small	Total	
G20	6/30/04	56	59.8	169	33.1	31	0	0	0	161	0
G20	6/30/04	57	9.7	169	19.1	38	0	0	0	78	0
G22	7/2/04	57	7.1	170	28.4	25	0	0	154	0	0
H20	7/2/04	57	20.2	169	35.9	32	74	0	0	74	0
I01	6/27/04	57	40.0	167	45.9	36	0	0	0	79	0
I19	7/3/04	57	40.7	169	1.7	36	0	0	159	80	239
I19	7/3/04	57	30.4	168	44.4	37	0	78	0	78	0
I20	7/6/04	57	39.9	169	39.2	37	0	78	0	78	0
I22	7/10/04	57	40.0	170	54.1	45	0	75	0	75	0
											75

NOTE: Minimum carapace sizes used are: Large Males > 6.5 in; Medium Males = 5.2 to 6.5 in; Large Females > 4.3 in.

Table 8B. Summary of crab density by tow (# per square nmi) for St. Matt. Blue Kings. (*Paralithodes platypus*)

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL	
				Large	Medium	Small	Total	Large	Small	Total	
N26	7/18/04	59	29.9	173	29.9	54	77	0	0	77	0
O03	6/26/04	59	39.9	166	38.7	13	0	152	0	152	0
O24	7/9/04	59	49.4	172	54.1	42	82	0	82	0	0
O25	7/9/04	59	39.7	173	14.3	50	84	0	84	0	0
O26	7/18/04	59	39.8	173	51.3	55	77	0	77	0	0
O26	7/18/04	59	50.0	173	35.1	50	300	0	300	0	0
P01	6/26/04	59	59.9	167	59.2	13	0	75	75	0	0
P23	7/8/04	59	59.7	171	57.9	34	0	0	0	92	0
P23	7/8/04	60	10.0	172	18.9	30	407	81	488	81	0
P24	7/9/04	59	59.2	172	36.3	34	0	78	156	234	0
P25	7/9/04	60	0.0	173	19.1	39	0	0	0	158	158
P26	7/18/04	60	0.1	173	57.2	51	74	0	74	0	0
P26	7/18/04	60	7.5	173	46.5	46	75	0	75	0	0
P27	7/18/04	59	50.5	174	15.0	56	252	0	252	0	0
Q23	7/8/04	60	20.0	172	3.8	31	0	223	223	0	74
Q25	7/8/04	60	10.6	173	1.4	31	325	81	1866	2272	162
Q25	7/19/04	60	26.7	173	27.8	32	334	557	1558	2449	334
Q26	7/18/04	60	20.1	174	3.7	48	88	0	88	0	0
Q27	7/18/04	60	10.9	174	21.0	53	160	0	160	0	0
R25	7/19/04	60	40.8	173	28.0	34	78	0	78	0	78

NOTE: Minimum carapace sizes used are: Large Males > 5.5 in; Medium Males = 4.3 to 5.5 in; Large Females > 3.8 in.

(Chionoecetes bairdi)

Table 9. Summary of crab density by tow (# per square nmi) for Tanner Crab.

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL	
				Large	Medium	Small	Total	Large	Small	Total	
A02	6/20/04	54	59.6	166	55.9	84	0	9188	9267	0	8817
A03	6/19/04	54	59.9	166	20.1	77	0	851	7379	8230	568
A04	6/13/04	54	50.0	165	30.6	83	0	81	7985	8067	0
A04	6/19/04	55	0.3	165	45.1	69	81	564	9262	9906	81
A05	6/13/04	55	0.1	165	9.6	59	468	234	2342	3045	78
B01	6/20/04	55	20.1	167	33.0	79	0	0	4977	4977	0
B02	6/20/04	55	19.7	166	58.6	74	0	224	970	1194	224
B03	6/19/04	55	20.3	166	21.2	71	240	1359	2877	4476	1519
B04	6/19/04	55	20.3	165	47.2	64	162	1213	6530	7905	485
B05	6/13/04	55	19.9	165	10.2	59	406	244	325	974	0
B06	6/13/04	55	20.8	164	33.1	54	5544	1406	703	7653	234
B07	6/13/04	55	20.3	164	1.4	42	0	0	464	464	0
B08	6/11/04	55	19.1	163	24.6	27	165	2394	908	3468	0
C01	6/20/04	55	39.7	167	35.1	72	0	318	9854	10172	238
C02	6/20/04	55	40.6	166	59.4	72	0	162	731	893	0
C03	6/19/04	55	40.4	166	23.1	67	240	1437	5349	7026	719
C04	6/19/04	55	40.1	165	48.2	62	82	1151	4029	5263	0
C05	6/13/04	55	40.2	165	10.9	57	462	616	539	1618	154
C06	6/13/04	55	37.8	164	34.7	52	237	946	867	2050	79
C07	6/11/04	55	42.2	163	59.9	50	1000	692	384	2076	231
C08	6/11/04	55	39.7	163	24.4	42	0	669	836	1505	0
C09	6/11/04	55	40.4	162	49.8	26	80	1205	2330	3616	321
C18	6/20/04	55	40.1	168	11.2	72	0	0	2022	2022	0
D01	6/20/04	56	0.2	167	37.2	71	0	850	2086	2936	1236
D02	6/20/04	56	4.0	167	0.4	71	77	772	5015	5864	463
D03	6/19/04	56	0.0	166	24.4	66	161	2649	4093	6903	2167
D04	6/19/04	55	59.4	165	46.6	57	554	1187	554	2294	316
D05	6/18/04	56	0.4	165	11.2	50	82	571	735	1388	163
D06	6/18/04	55	59.4	164	36.7	49	161	242	323	726	81
D07	6/14/04	55	59.9	164	2.2	48	157	157	236	551	0
D08	6/14/04	56	0.4	163	23.3	47	155	619	2709	3483	697
D09	6/11/04	55	59.8	162	48.8	40	81	567	810	1459	162
D18	6/20/04	55	59.8	168	13.5	80	78	9038	9116	0	19867

Table 9. Summary of crab density by tow (# per square nmi) for Tanner Crab.

(Chionoecetes bairdi)

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL
				Large	Medium	Small	Total	Large	Small	
E01	6/28/04	56	20.4	167	39.2	69	0	1468	1468	2937
E02	6/20/04	56	19.9	167	1.7	60	0	315	2361	2676
E03	6/19/04	56	20.3	166	25.9	55	81	403	242	726
E04	6/19/04	56	21.1	165	48.6	48	155	311	233	700
E05	6/18/04	56	19.8	165	12.1	45	0	241	1608	1849
E06	6/18/04	56	19.8	164	34.7	45	0	494	329	823
E07	6/14/04	56	19.9	164	1.4	45	0	807	1211	2018
E08	6/14/04	56	19.9	163	25.2	45	82	411	822	1315
E09	6/11/04	56	20.1	162	47.7	41	169	338	761	1269
E10	6/11/04	56	19.2	162	11.8	40	0	368	368	735
E11	6/8/04	56	20.1	161	37.4	33	84	253	507	845
E12	6/8/04	56	19.7	161	0.1	27	161	242	161	564
E18	6/28/04	56	20.4	168	15.2	81	161	3147	30446	33755
E19	6/28/04	56	20.0	168	53.2	69	78	3367	6421	9867
E20	6/29/04	56	25.9	169	30.3	54	0	0	1194	0
E21	6/29/04	56	20.2	170	4.2	57	0	161	8464	8625
E22	6/29/04	56	20.2	170	40.9	64	0	166	1495	1662
F01	6/28/04	56	40.0	167	40.5	54	0	0	401	401
F02	6/28/04	56	40.0	167	3.8	50	0	491	1227	1717
F03	6/24/04	56	39.9	166	25.6	45	0	403	1290	1693
F04	6/24/04	56	40.6	165	51.0	48	0	499	1165	1664
F05	6/18/04	56	39.8	165	13.3	40	0	164	327	491
F06	6/18/04	56	40.0	164	35.1	39	0	0	0	79
F07	6/14/04	56	40.0	164	0.7	39	0	230	461	691
F08	6/14/04	56	39.7	163	23.1	39	0	316	1420	1735
F09	6/10/04	56	41.3	162	45.7	37	160	240	0	400
F10	6/10/04	56	39.4	162	12.8	38	0	121	483	604
F11	6/8/04	56	40.0	161	36.5	47	80	721	1521	2322
F12	6/8/04	56	39.5	160	59.7	36	479	559	479	1518
F13	6/7/04	56	39.6	160	22.2	30	236	867	0	1103
F18	6/29/04	56	40.4	168	17.6	56	0	1036	33181	34216
F19	6/29/04	56	49.1	168	36.9	51	0	158	4587	4745
F19	6/29/04	56	40.2	168	55.5	53	0	736	1472	2207

Table 9. Summary of crab density by tow (# per square nmi) for Tanner Crab.

(*Chionoecetes bairdi*)

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL			
				Large	Medium	Small	Total	Large	Small	Total	Large	Medium	
F20	6/30/04	56	40.4	169	30.2	42	0	158	0	0	0	0	158
F21	6/30/04	56	39.9	170	7.4	51	0	1050	2100	3151	2262	3393	6543
F21	7/2/04	56	49.9	169	54.3	38	157	2357	2122	4636	0	393	5029
F22	6/29/04	56	40.2	170	43.8	61	0	166	5299	5465	0	3975	9440
F22	7/2/04	56	49.7	170	28.8	54	0	880	10637	11517	720	6878	7598
F23	7/10/04	56	40.4	171	21.3	63	0	0	1474	1474	0	1214	1214
F24	7/15/04	56	40.5	171	58.3	66	0	0	430	430	0	143	143
F25	7/15/04	56	40.9	172	36.1	71	0	84	8479	8562	0	9318	9318
G01	6/28/04	57	0.1	167	42.2	40	0	0	2385	2385	0	231	231
G02	6/28/04	56	59.6	167	5.2	38	0	0	389	389	0	0	0
G03	6/24/04	57	0.0	166	27.9	39	0	155	387	541	0	0	0
G04	6/24/04	56	59.1	165	50.8	38	0	155	233	388	0	0	0
G05	6/18/04	56	59.8	165	13.7	37	0	155	388	544	0	0	0
G06	6/18/04	56	58.8	164	36.9	37	0	79	79	158	0	0	0
G07	6/14/04	57	0.1	164	1.3	36	0	81	81	162	81	0	81
G07	6/14/04	57	5.0	164	1.2	36	0	79	0	79	0	0	79
G07	6/14/04	57	0.1	164	10.6	36	0	80	161	241	80	0	80
G07	6/14/04	56	55.3	164	1.1	37	0	163	1633	1796	163	1388	1388
G07	6/14/04	57	0.0	163	52.3	36	0	239	957	1196	80	399	479
G08	6/14/04	56	59.7	163	24.3	34	0	163	81	244	0	0	0
G09	6/10/04	57	0.2	162	47.6	32	0	157	157	315	0	0	0
G10	6/10/04	56	59.8	162	11.4	31	0	306	459	764	0	0	0
G11	6/8/04	56	60.0	161	33.9	36	0	251	0	251	0	0	251
G12	6/8/04	57	0.2	160	57.7	33	0	162	81	243	81	0	81
G13	6/7/04	56	59.7	160	19.7	32	169	760	84	1013	591	0	591
G14	6/7/04	57	0.4	159	42.8	30	0	465	155	621	155	0	155
G18	6/29/04	57	0.1	168	18.3	43	0	151	4388	4539	0	1135	1135
G19	6/29/04	57	0.6	168	57.6	42	0	156	20156	20311	0	7436	7436
G19	6/30/04	57	10.0	168	38.3	39	0	227	4474	4701	0	3336	3336
G20	6/30/04	56	50.2	169	18.4	42	79	316	1343	1739	0	711	711
G20	6/30/04	56	59.8	169	33.1	31	228	20771	21912	42912	2098	3228	5326
G20	6/30/04	57	9.7	169	19.1	38	78	1961	26558	28598	394	19717	19717
G21	7/2/04	56	59.9	170	9.8	37	0	4405	5178	9584	1237	2087	11670

Table 9. Summary of crab density by tow (# per square nmi) for Tanner Crab.

(*Chionoecetes bairdi*)

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL	
				Large	Medium	Small	Total	Large	Small	Total	
G21	7/2/04	57	9.8	169	53.9	26	0	156	0	78	234
G22	7/2/04	57	7.1	170	28.4	25	0	4687	37492	42179	65489
G22	7/10/04	57	0.6	170	48.1	50	109	1852	9477	11438	16231
G23	7/10/04	57	0.2	171	24.0	57	0	154	8461	8615	14922
G24	7/15/04	57	0.5	172	1.5	62	0	0	1264	1264	2450
G25	7/15/04	57	1.1	172	39.4	65	0	0	4239	4239	8872
G26	7/15/04	57	0.4	173	14.0	74	0	0	1044	1044	2089
H01	6/28/04	57	19.8	167	44.3	38	0	153	4516	4670	7961
H02	6/28/04	57	19.8	167	7.3	37	0	82	247	329	576
H03	6/24/04	57	19.9	166	28.9	36	0	0	240	240	400
H04	6/24/04	57	20.0	165	52.3	36	0	241	80	321	321
H05	6/18/04	57	20.4	165	13.8	35	0	166	83	249	249
H06	6/18/04	57	20.2	164	36.7	34	0	0	81	81	81
H07	6/14/04	57	19.9	164	0.9	33	78	235	313	626	783
H08	6/14/04	57	20.8	163	23.8	27	0	80	0	80	80
H09	6/10/04	57	19.3	162	46.6	25	161	161	0	322	322
H09	6/10/04	57	20.2	162	37.7	25	0	78	78	157	157
H09	6/10/04	57	25.2	162	45.8	25	0	248	165	413	413
H09	6/10/04	57	19.8	162	55.8	26	0	81	81	162	162
H09	6/10/04	57	15.0	162	45.6	27	0	82	329	411	411
H10	6/10/04	57	19.7	162	9.2	26	0	0	82	82	82
H11	6/8/04	57	20.4	161	31.7	28	0	399	80	478	558
H12	6/8/04	57	20.6	160	56.0	32	0	712	237	949	1265
H13	6/6/04	57	19.5	160	18.4	32	79	474	158	712	712
H14	6/7/04	57	19.1	159	40.0	29	80	159	80	318	318
H15	6/7/04	57	20.3	159	4.2	25	0	0	80	80	80
H18	6/30/04	57	20.1	168	18.9	39	0	239	1595	1834	2632
H19	6/30/04	57	19.6	169	0.6	37	0	0	122	122	243
H20	7/3/04	57	29.9	169	21.7	37	0	239	797	1036	2071
H20	7/2/04	57	20.2	169	35.9	32	0	444	4512	4955	9097
H21	7/2/04	57	20.0	170	14.2	28	0	0	239	239	0
H22	7/10/04	57	20.5	170	51.6	44	0	0	156	156	311
H23	7/10/04	57	19.8	171	27.9	53	82	821	12152	13055	21512
									657	7800	8457

Table 9. Summary of crab density by tow (# per square nmi) for Tanner Crab.

(*Chionoecetes bairdi*)

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL		
				Large	Medium	Small	Total	Large	Small	Total	Large	Medium
H24	7/15/04	57	20.5	172	5.8	57	0	74	7662	7735	1031	8104
H25	7/16/04	57	21.5	172	48.5	62	0	0	5958	5958	0	6939
H26	7/16/04	57	19.9	173	18.8	64	0	0	3129	3129	0	5216
I01	6/27/04	57	40.0	167	45.9	36	0	79	1337	1415	79	629
I02	6/28/04	57	39.4	167	9.7	36	0	79	634	713	0	396
I03	6/25/04	57	39.5	166	30.0	34	0	0	320	320	0	0
I04	6/25/04	57	40.0	165	52.9	33	0	80	160	240	0	0
I05	6/17/04	57	40.0	165	15.3	31	0	0	234	234	78	0
I06	6/17/04	57	40.2	164	37.0	27	0	0	161	161	0	0
I07	6/15/04	57	39.8	164	0.6	27	0	80	80	160	0	0
I09	6/10/04	57	39.7	162	44.6	22	0	79	159	238	0	0
I10	6/10/04	57	39.5	162	7.6	24	0	78	0	78	0	0
I11	6/9/04	57	40.2	161	29.8	27	0	0	166	166	0	0
I12	6/8/04	57	40.0	160	52.7	30	0	452	0	452	75	0
I13	6/6/04	57	40.7	160	15.9	27	0	163	163	326	0	0
I18	7/3/04	57	40.1	168	23.5	37	0	78	1641	1719	0	703
I19	7/3/04	57	40.7	169	1.7	36	0	80	5014	5093	0	7401
I19	7/3/04	57	30.4	168	44.4	37	0	0	3435	3435	156	2264
I19	7/3/04	57	49.7	168	44.0	37	0	0	1423	1423	0	1028
I20	7/6/04	57	39.9	169	39.2	37	0	0	312	12944	13255	0
I21	7/2/04	57	30.4	169	59.4	36	0	81	23339	23420	242	23785
I21	7/6/04	57	39.7	170	16.0	37	0	82	44324	44407	0	45710
I21	7/7/04	57	49.5	169	59.3	38	0	0	18463	18463	0	19083
I22	7/10/04	57	40.0	170	54.1	45	0	75	905	980	0	226
I22	7/10/04	57	30.2	170	36.5	39	0	76	227	303	0	76
I23	7/10/04	57	39.8	171	32.5	53	0	686	5058	5744	0	1886
I24	7/16/04	57	40.0	172	10.9	57	0	316	6552	6868	395	6157
I26	7/16/04	57	39.5	173	22.9	77	0	0	5005	5005	0	5444
J01	6/27/04	57	60.0	167	48.2	35	0	643	322	965	0	80
J02	6/27/04	58	0.0	167	9.9	33	0	156	234	390	0	0
J03	6/25/04	58	0.4	166	31.1	32	0	0	77	77	0	0
J04	6/25/04	58	0.3	165	54.3	28	0	0	150	150	0	0
J08	6/15/04	57	59.9	163	23.0	22	0	0	77	77	0	0

Table 9. Summary of crab density by tow (# per square nmi) for Tanner Crab.

(*Chionoecetes bairdi*)

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL	
				Large	Medium	Small	Total	Large	Small		
J18 7/3/04	58	0.2	168	26.6	36	0	152	1144	1296	0	381
J19 7/3/04	58	0.1	169	4.7	36	0	325	244	569	0	488
J20 7/3/04	57	50.7	169	22.2	34	0	0	28639	28639	0	30214
J20 7/6/04	57	59.9	169	41.8	37	0	0	20408	20408	0	21821
J21 7/6/04	57	59.3	170	19.7	39	0	560	17601	18161	80	32159
J22 7/7/04	57	50.3	170	37.9	41	0	80	3049	3129	0	2648
J22 7/7/04	58	0.1	170	57.6	46	75	450	899	1424	0	600
J23 7/7/04	58	0.0	171	34.2	51	0	81	892	974	0	325
J24 7/16/04	57	59.7	172	15.6	55	0	451	7139	7590	601	1503
J26 7/16/04	57	59.4	173	29.3	62	0	0	4602	4602	0	6306
K01 6/27/04	58	19.8	167	50.3	29	0	156	311	467	0	0
K02 6/27/04	58	19.9	167	11.0	27	0	79	1112	1192	0	0
K03 6/25/04	58	20.4	166	33.0	24	0	0	389	389	0	0
K04 6/25/04	58	20.1	165	55.6	22	0	0	0	0	77	77
K18 7/3/04	58	20.1	168	28.8	34	0	75	975	1050	0	225
K19 7/3/04	58	19.7	169	8.0	35	0	0	971	971	0	405
K20 7/6/04	58	20.0	169	43.3	37	0	0	1164	1164	0	621
K21 7/6/04	58	19.7	170	22.8	39	0	162	4443	4605	0	7663
K22 7/7/04	58	20.2	171	0.8	44	0	621	4040	4661	0	3651
K23 7/7/04	58	18.6	171	38.0	50	0	81	1691	1771	0	2094
K24 7/16/04	58	19.9	172	18.0	55	0	0	78	78	0	0
K25 7/16/04	58	20.3	172	55.9	57	0	0	904	904	0	822
K26 7/17/04	58	19.9	173	34.4	61	0	0	4622	4622	178	7911
K27 7/17/04	58	20.8	174	18.8	89	0	0	499	499	0	333
L01 6/27/04	58	39.8	167	52.1	24	0	153	689	842	0	0
L02 6/27/04	58	39.6	167	13.7	22	0	77	0	77	0	0
L18 7/4/04	58	40.2	168	29.8	27	0	0	311	311	0	0
L19 7/4/04	58	38.9	169	8.3	33	0	0	321	321	0	0
L21 7/6/04	58	39.2	170	25.3	38	0	83	1324	1407	0	2566
L22 7/7/04	58	40.6	171	4.6	43	0	77	77	154	0	308
L23 7/7/04	58	40.2	171	42.9	49	0	0	1168	1168	0	1251
L24 7/17/04	58	40.0	172	22.1	54	0	0	5698	5698	0	3449
L25 7/17/04	58	40.1	173	0.2	60	0	226	3774	4000	75	2189

Table 9. Summary of crab density by tow (# per square nmi) for Tanner Crab.

(Chionoecetes bairdi)

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL			
				Large	Medium	Small	Total	Large	Small	Total	Large	Medium	
L26	7/17/04	58	40.0	173	38.5	67	0	2171	2171	0	2920	5091	
L27	7/17/04	58	40.3	174	16.3	83	0	22494	22494	0	25708	48202	
L28	7/25/04	58	44.4	174	58.2	78	0	0	8566	8566	0	8141	16708
L29	7/25/04	58	40.1	175	32.6	72	0	0	3112	3112	74	2964	6151
L30	7/25/04	58	40.2	176	11.6	75	0	0	4137	4137	0	6435	10571
L31	7/25/04	58	40.0	176	50.5	73	0	76	2207	2283	0	3121	5404
M01	6/27/04	59	0.0	167	52.8	21	0	0	318	318	0	0	318
M02	6/27/04	58	59.7	167	14.4	20	0	0	159	159	0	0	0
M18	7/14/04	59	0.1	168	31.7	24	0	0	387	387	0	0	0
M19	7/14/04	59	0.6	169	10.5	28	0	0	171	171	0	0	0
M21	7/6/04	58	59.3	170	29.8	37	0	0	169	169	0	0	0
M22	7/7/04	58	59.9	171	8.1	40	0	0	74	74	0	0	0
M23	7/7/04	58	59.4	171	47.3	46	0	0	167	167	0	84	159
M24	7/19/04	59	0.2	172	24.6	52	0	0	1141	1141	0	0	0
M25	7/17/04	58	60.0	173	5.3	57	0	445	1707	2153	148	1559	149
M26	7/17/04	59	0.1	173	43.2	62	0	0	6426	6426	459	4437	251
M27	7/17/04	58	59.4	174	22.2	67	0	666	8826	9492	83	5579	2586
M28	7/20/04	58	60.0	175	1.4	68	0	152	2893	3045	0	1751	3860
M29	7/21/04	58	59.7	175	43.8	71	0	0	3656	3656	76	3656	11322
M30	7/24/04	59	0.4	176	18.8	73	0	0	76	76	0	76	15154
M31	7/24/04	58	59.9	176	56.9	73	0	0	383	383	0	0	0
M32	7/24/04	58	60.0	177	35.5	72	0	0	939	939	0	795	7388
N20	7/5/04	59	19.9	169	52.6	31	0	0	79	79	0	0	0
N21	7/5/04	59	20.0	170	32.5	35	0	0	168	168	0	0	0
N23	7/8/04	59	19.8	171	50.2	42	0	0	1299	1299	81	487	1734
N24	7/9/04	59	19.9	172	29.9	46	0	0	76	76	0	0	0
N25	7/9/04	59	29.9	172	52.9	49	0	0	479	479	0	80	558
N25	7/9/04	59	20.2	173	8.7	53	0	82	2716	2798	0	3703	6501
N26	7/18/04	59	20.2	173	47.4	58	0	81	16350	16431	242	21587	38260
N26	7/18/04	59	29.9	173	29.9	54	0	0	3917	3917	77	4455	8449
N27	7/17/04	59	19.7	174	27.1	64	0	0	7017	7017	257	6247	13521
N28	7/20/04	59	20.0	175	6.0	71	0	0	4402	4402	0	4943	9345
N29	7/21/04	59	20.1	175	44.9	73	0	0	2637	2637	75	2939	5651

Table 9. Summary of crab density by tow (# per square nmi) for Tanner Crab.

(*Chionoecetes bairdi*)

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL
				Large	Medium	Small	Total	Large	Small	
N30	7/24/04	59	20.0	176	23.0	73	0	0	1055	980
N31	7/24/04	59	19.9	177	4.0	80	0	0	888	592
O23	7/8/04	59	40.2	171	53.9	40	0	0	313	78
O24	7/9/04	59	49.4	172	54.1	42	0	0	1229	1065
O24	7/9/04	59	49.7	172	16.0	39	0	0	0	1065
O25	7/9/04	59	39.7	173	14.3	50	0	0	6249	1640
O26	7/18/04	59	39.8	173	51.3	55	0	0	4547	1640
O26	7/18/04	59	50.0	173	35.1	50	0	0	1352	1320
O27	7/18/04	59	40.3	174	26.5	61	0	0	351	7031
O28	7/20/04	59	40.0	175	6.0	67	0	74	591	4936
O29	7/21/04	59	40.1	175	51.9	73	0	0	10542	4936
O30	7/23/04	59	39.9	176	32.2	72	0	0	455	1502
O31	7/23/04	59	40.2	177	9.2	93	0	0	0	1502
P23	7/8/04	59	59.7	171	57.9	34	0	0	92	0
P24	7/9/04	59	59.2	172	36.3	34	0	0	234	0
P25	7/9/04	60	0.0	173	19.1	39	0	0	475	0
P26	7/18/04	60	0.1	173	57.2	51	0	0	740	791
P26	7/18/04	60	7.5	173	46.5	46	0	0	740	791
P27	7/18/04	59	50.5	174	15.0	56	0	0	672	1266
P27	7/18/04	60	0.2	174	35.8	57	0	0	18909	1554
P28	7/20/04	59	59.9	175	15.9	62	0	0	740	23636
P29	7/21/04	59	59.9	175	55.9	69	0	0	18909	1512
P30	7/23/04	59	60.0	176	42.5	75	0	0	325	568
P32	7/23/04	60	0.2	177	54.9	76	0	0	160	160
Q26	7/18/04	60	20.1	174	3.7	48	0	0	967	0
Q27	7/18/04	60	10.9	174	21.0	53	0	0	80	0
Q28	7/20/04	60	19.9	175	23.1	59	0	0	2703	0
Q29	7/21/04	60	20.1	176	1.7	65	0	0	1628	0
Q30	7/22/04	60	20.2	176	42.7	73	0	0	689	0
Q31	7/22/04	60	19.8	177	23.0	79	0	0	151	0
R26	7/19/04	60	40.1	174	7.9	45	0	0	78	0
R27	7/19/04	60	40.1	174	50.0	51	0	75	151	0
R28	7/19/04	60	40.2	175	26.9	56	0	0	856	0
									927	1783

Table 9. Summary of crab density by tow (# per square nmi) for Tanner Crab.

(Chionoecetes bairdi)

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL	
				Large	Medium	Small	Total	Large	Small	Total	Females
R29	7/23/04	60	40.0	176	12.4	63	0	1547	1547	0	945
R30	7/22/04	60	40.1	176	48.1	69	0	759	834	0	531
R31	7/22/04	60	40.1	177	29.9	78	0	75	0	0	0
R32	7/22/04	60	40.0	178	10.7	86	0	77	77	0	154
S29	7/23/04	60	59.7	176	17.5	59	0	700	700	0	545
S30	7/23/04	61	0.4	176	56.9	64	0	696	696	0	609
T29	7/24/04	61	20.0	176	19.3	56	0	85	85	0	85

NOTE: Minimum carapace sizes used are: Large Males > 5.5 in; Medium Males = 4.3 to 5.5 in; Large Females > 3.4 in.

Table 10. Summary of crab density by tow (# per square nmi) for Snow Crab.

(*Chionoecetes opilio*)

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL
				Large	Medium	Small	Total	Large	Small	
A03	6/19/04	54	59.9	166	20.1	77	142	568	0	710
A04	6/19/04	55	0.3	165	45.1	69	81	0	81	161
A05	6/13/04	55	0.1	165	9.6	59	312	78	234	625
B01	6/20/04	55	20.1	167	33.0	79	0	78	0	78
B03	6/19/04	55	20.3	166	21.2	71	80	0	160	240
B04	6/19/04	55	20.3	165	47.2	64	81	162	404	404
B05	6/13/04	55	19.9	165	10.2	59	162	0	162	162
B06	6/13/04	55	20.8	164	33.1	54	1171	312	78	1562
C01	6/20/04	55	39.7	167	35.1	72	159	79	0	238
C03	6/19/04	55	40.4	166	23.1	67	160	80	240	319
C05	6/13/04	55	40.2	165	10.9	57	77	154	0	231
C06	6/13/04	55	37.8	164	34.7	52	315	158	0	473
C08	6/11/04	55	39.7	163	24.4	42	84	0	84	84
D01	6/20/04	56	0.2	167	37.2	71	0	155	77	232
D02	6/20/04	56	4.0	167	0.4	71	0	77	231	309
D03	6/19/04	56	0.0	166	24.4	66	241	321	80	642
D04	6/19/04	55	59.4	165	46.6	57	554	79	0	633
D05	6/18/04	56	0.4	165	11.2	50	327	245	163	735
D06	6/18/04	55	59.4	164	36.7	49	81	161	0	242
D07	6/14/04	55	59.9	164	2.2	48	0	79	79	157
E01	6/28/04	56	20.4	167	39.2	69	82	82	0	163
E02	6/20/04	56	19.9	167	1.7	60	157	157	472	472
E03	6/19/04	56	20.3	166	25.9	55	81	81	0	161
E04	6/19/04	56	21.1	165	48.6	48	389	233	622	622
E05	6/18/04	56	19.8	165	12.1	45	80	241	0	322
E06	6/18/04	56	19.8	164	34.7	45	82	0	82	82
E07	6/14/04	56	19.9	164	1.4	45	242	242	0	484
E18	6/28/04	56	20.4	168	15.2	81	323	242	0	646
E21	6/29/04	56	20.2	170	4.2	57	242	564	564	1370
E22	6/29/04	56	20.2	170	40.9	64	0	83	0	83
F01	6/28/04	56	40.0	167	40.5	54	80	80	240	401
F02	6/28/04	56	40.0	167	3.8	50	82	0	82	245
F03	6/24/04	56	39.9	166	25.6	45	564	161	887	968

Table 10. Summary of crab density by tow (# per square nmi) for Snow Crab.

(*Chionoecetes opilio*)

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL		
				Large	Medium	Small	Total	Large	Small	Total	Large	Medium
F04	6/24/04	56	40.6	165	51.0	48	166	83	83	333	0	0
F05	6/18/04	56	39.8	165	13.3	40	82	0	82	0	0	0
F06	6/18/04	56	40.0	164	35.1	39	79	237	0	317	0	0
F07	6/14/04	56	40.0	164	0.7	39	154	307	0	461	0	0
F08	6/14/04	56	39.7	163	23.1	39	0	394	158	552	0	0
F10	6/10/04	56	39.4	162	12.8	38	121	0	0	0	0	0
F11	6/8/04	56	40.0	161	36.5	47	0	80	0	0	0	0
F18	6/29/04	56	40.4	168	17.6	56	159	319	0	478	0	0
F19	6/29/04	56	49.1	168	36.9	51	0	158	158	316	0	0
F19	6/29/04	56	40.2	168	55.5	53	0	164	491	654	0	0
F21	6/30/04	56	39.9	170	7.4	51	0	565	162	727	0	0
F21	7/2/04	56	49.9	169	54.3	38	79	0	157	236	0	0
F22	6/29/04	56	40.2	170	43.8	61	0	166	83	248	0	0
F22	7/2/04	56	49.7	170	28.8	54	0	880	160	1040	80	0
F23	7/10/04	56	40.4	171	21.3	63	173	0	87	260	0	0
F25	7/15/04	56	40.9	172	36.1	71	0	84	0	84	0	0
G01	6/28/04	57	0.1	167	42.2	40	154	462	692	1308	0	77
G02	6/28/04	56	59.6	167	5.2	38	78	156	78	312	0	0
G03	6/24/04	57	0.0	166	27.9	39	155	77	155	387	0	0
G04	6/24/04	56	59.1	165	50.8	38	78	78	78	233	0	0
G05	6/18/04	56	59.8	165	13.7	37	78	78	0	155	0	0
G06	6/18/04	56	58.8	164	36.9	37	158	0	0	158	0	0
G07	6/14/04	57	5.0	164	1.2	36	0	79	0	79	0	0
G07	6/14/04	57	0.1	164	10.6	36	161	0	80	241	0	0
G07	6/14/04	56	55.3	164	1.1	37	82	0	82	163	0	0
G07	6/14/04	57	0.0	163	52.3	36	160	160	80	399	0	0
G09	6/10/04	57	0.2	162	47.6	32	79	79	0	157	0	0
G11	6/8/04	56	60.0	161	33.9	36	0	84	0	84	0	0
G18	6/29/04	57	0.1	168	18.3	43	227	151	303	681	0	0
G19	6/29/04	57	0.6	168	57.6	42	78	0	700	778	78	389
G19	6/30/04	57	10.0	168	38.3	39	76	152	379	607	0	0
G20	6/30/04	56	50.2	169	18.4	42	79	0	79	158	0	0
G20	6/30/04	56	59.8	169	33.1	31	484	565	81	1130	0	0

Table 10. Summary of crab density by tow (# per square nmi) for Snow Crab.

(*Chionoecetes opilio*)

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL
				Large	Medium	Small	Total	Large	Small	
G20	6/30/04	57	9.7	169	19.1	38	392	863	2118	0
G21	7/2/04	56	59.9	170	9.8	37	0	77	155	232
G22	7/10/04	57	0.6	170	48.1	50	218	1525	871	2614
G23	7/10/04	57	0.2	171	24.0	57	154	462	0	615
G24	7/15/04	57	0.5	172	1.5	62	0	0	0	79
G25	7/15/04	57	1.1	172	39.4	65	0	0	79	0
G26	7/15/04	57	0.4	173	14.0	74	87	87	261	0
H01	6/28/04	57	19.8	167	44.3	38	77	77	383	536
H02	6/28/04	57	19.8	167	7.3	37	0	165	329	0
H03	6/24/04	57	19.9	166	28.9	36	80	320	240	640
H04	6/24/04	57	20.0	165	52.3	36	0	80	0	80
H05	6/18/04	57	20.4	165	13.8	35	83	166	249	498
H06	6/18/04	57	20.2	164	36.7	34	323	0	323	0
H07	6/14/04	57	19.9	164	0.9	33	157	157	0	313
H10	6/10/04	57	19.7	162	9.2	26	0	82	0	82
H18	6/30/04	57	20.1	168	18.9	39	0	80	718	798
H19	6/30/04	57	19.6	169	0.6	37	0	122	2917	3038
H20	7/3/04	57	29.9	169	21.7	37	80	0	159	239
H20	7/2/04	57	20.2	169	35.9	32	0	74	222	296
H22	7/10/04	57	20.5	170	51.6	44	0	0	0	0
H23	7/10/04	57	19.8	171	27.9	53	164	246	493	903
H24	7/15/04	57	20.5	172	5.8	57	958	368	1694	0
H25	7/16/04	57	21.5	172	48.5	62	0	75	75	0
I01	6/27/04	57	40.0	167	45.9	36	472	472	393	1337
I02	6/28/04	57	39.4	167	9.7	36	0	79	317	396
I03	6/25/04	57	39.5	166	30.0	34	320	1121	240	1681
I04	6/25/04	57	40.0	165	52.9	33	0	1518	320	1838
I05	6/17/04	57	40.0	165	15.3	31	78	313	78	469
I13	6/6/04	57	40.7	160	15.9	27	0	82	0	0
I18	7/3/04	57	40.1	168	23.5	37	78	547	313	938
I19	7/3/04	57	40.7	169	1.7	36	80	398	13848	14326
I19	7/3/04	57	30.4	168	44.4	37	0	78	390	468
I19	7/3/04	57	49.7	168	44.0	37	0	237	395	632

Table 10. Summary of crab density by tow (# per square nmi) for Snow Crab.

(*Chionoecetes opilio*)

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL		
				Large	Medium	Small	Total	Large	Small	Total	Large	Medium
I20	7/6/04	57	39.9	169	39.2	37	78	2337	350893	353308	1013	1095159
I21	7/2/04	57	30.4	169	59.4	36	81	485	6139	6705	2099	24133
I21	7/6/04	57	39.7	170	16.0	37	0	494	26189	26684	494	76121
I21	7/7/04	57	49.5	169	59.3	38	480	1120	32160	33761	6119	39172
I22	7/10/04	57	40.0	170	54.1	45	75	75	0	151	0	0
I22	7/10/04	57	30.2	170	36.5	39	151	0	0	151	76	76
I23	7/10/04	57	39.8	171	32.5	53	171	772	1115	86	772	857
I24	7/16/04	57	40.0	172	10.9	57	395	316	316	1026	79	237
J01	6/27/04	57	60.0	167	48.2	35	483	885	322	1689	161	80
J02	6/27/04	58	0.0	167	9.9	33	0	78	156	234	0	0
J03	6/25/04	58	0.4	166	31.1	32	0	307	231	538	0	0
J04	6/25/04	58	0.3	165	54.3	28	0	150	226	376	0	0
J05	6/17/04	57	59.8	165	15.3	26	0	80	0	80	0	0
J18	7/3/04	58	0.2	168	26.6	36	305	305	839	1449	76	762
J19	7/3/04	58	0.1	169	4.7	36	244	325	1220	1789	81	488
J20	7/3/04	57	50.7	169	22.2	34	0	730	171150	171881	893	66795
J20	7/6/04	57	59.9	169	41.8	37	309	1237	338424	339971	232	303088
J21	7/6/04	57	59.3	170	19.7	39	800	2881	520614	524296	2081	1317303
J22	7/7/04	57	50.3	170	37.9	41	241	722	802	1765	160	963
J22	7/7/04	58	0.1	170	57.6	46	450	675	75	1199	75	974
J23	7/7/04	58	0.0	171	34.2	51	487	487	81	1055	0	243
J24	7/16/04	57	59.7	172	15.6	55	1879	526	0	2405	0	150
J25	7/16/04	57	60.0	172	52.7	57	3775	9815	1510	15099	138160	3020
J26	7/16/04	57	59.4	173	29.3	62	170	85	85	341	0	85
K01	6/27/04	58	19.8	167	50.3	29	0	78	2645	2723	311	3345
K02	6/27/04	58	19.9	167	11.0	27	0	0	79	79	0	0
K03	6/25/04	58	20.4	166	33.0	24	0	0	0	0	78	78
K18	7/3/04	58	20.1	168	28.8	34	225	225	1200	1650	225	300
K19	7/3/04	58	19.7	169	8.0	35	162	1214	891	2267	81	162
K20	7/6/04	58	20.0	169	43.3	37	78	388	853	1319	78	0
K21	7/6/04	58	19.7	170	22.8	39	6874	1375	24200	32449	2183	58733
K22	7/7/04	58	20.2	171	0.8	44	11340	4811	3615	19766	1398	7303
K23	7/7/04	58	18.6	171	38.0	50	483	403	161	1047	322	0

Table 10. Summary of crab density by tow (# per square nmi) for Snow Crab.

(*Chionoecetes opilio*)

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL
				Large	Medium	Small	Total	Large	Small	
K24 7/16/04	58 19.9	172 18.0	55	1459	7877	3793	13128	480342	226043	706386
K25 7/16/04	58 20.3	172 55.9	57	740	1643	0	2383	329	247	575
K26 7/17/04	58 19.9	173 34.4	61	1067	1244	800	3111	13866	178	14044
K27 7/17/04	58 20.8	174 18.8	89	83	166	83	333	250	83	333
L01 6/27/04	58 39.8	167 52.1	24	0	0	77	77	0	0	0
L19 7/4/04	58 38.9	169 8.3	33	0	241	562	803	80	401	482
L20 7/6/04	58 39.9	169 47.0	35	151	1135	1135	2421	378	303	681
L21 7/6/04	58 39.2	170 25.3	38	5380	3808	2732	11919	1159	1655	2814
L22 7/7/04	58 40.6	171 4.6	43	12182	3084	3932	19198	2236	771	3007
L23 7/7/04	58 40.2	171 42.9	49	167	250	83	501	0	167	167
L24 7/17/04	58 40.0	172 22.1	54	4848	1515	606	6969	1724	1424	3149
L25 7/17/04	58 40.1	173 0.2	60	1412	4079	784	6275	34633	6621	41254
L26 7/17/04	58 40.0	173 38.5	67	299	1048	674	2021	28724	3683	32407
L27 7/17/04	58 40.3	174 16.3	83	0	0	247	247	0	0	0
L28 7/25/04	58 44.4	174 58.2	78	0	0	0	0	0	75	75
L29 7/25/04	58 40.1	175 32.6	72	0	74	0	74	0	74	74
L30 7/25/04	58 40.2	176 11.6	75	0	0	0	0	0	0	153
L31 7/25/04	58 40.0	176 50.5	73	0	0	0	0	0	0	0
M18 7/4/04	59 0.1	168 31.7	24	0	0	155	155	0	155	155
M19 7/4/04	59 0.6	169 10.5	28	86	0	257	343	0	171	171
M20 7/6/04	58 60.0	169 50.5	33	230	1072	1072	2374	459	766	1225
M21 7/6/04	58 59.3	170 29.8	37	1522	2199	94764	98486	2969	111376	114345
M22 7/7/04	58 59.9	171 8.1	40	20974	6903	20709	48586	2377	2228	4605
M23 7/7/04	58 59.4	171 47.3	46	3176	3259	4513	10948	26569	1308	27876
M24 7/9/04	59 0.2	172 24.6	52	456	380	0	837	228	608	837
M25 7/17/04	58 60.0	173 5.3	57	1058	2821	1587	5466	19845	2928	22773
M26 7/17/04	59 0.1	173 43.2	62	0	0	153	153	76	229	382
M27 7/17/04	58 59.4	174 22.2	67	0	167	167	333	0	0	0
M28 7/20/04	58 60.0	175 1.4	68	152	76	76	305	228	0	228
N18 7/4/04	59 20.1	168 33.9	21	0	0	77	77	0	0	0
N19 7/4/04	59 19.4	169 13.7	26	0	0	162	162	0	0	162
N20 7/5/04	59 19.9	169 52.6	31	79	158	79	315	79	0	79
N21 7/5/04	59 20.0	170 32.5	35	588	2518	39327	42433	1915	52491	54406

Table 10. Summary of crab density by tow (# per square nmi) for Snow Crab.

(*Chionoecetes opilio*)

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL		
				Large	Medium	Small	Total	Large	Small	Total	Large	Medium
N22	7/8/04	59	19.9	171	11.0	39	4547	9157	78286	91990	33076	1323
N23	7/8/04	59	19.8	171	50.2	42	568	1948	7954	10470	26112	5319
N24	7/9/04	59	19.9	172	29.9	46	836	456	987	2279	152	456
N25	7/9/04	59	29.9	172	52.9	49	2791	798	2472	6061	319	3031
N25	7/9/04	59	20.2	173	8.7	53	247	494	1481	2222	329	3292
N26	7/18/04	59	20.2	173	47.4	58	3410	2131	161	5703	242	1370
N26	7/18/04	59	29.9	173	29.9	54	2416	7593	2416	12425	64429	1263
N27	7/17/04	59	19.7	174	27.1	64	171	86	428	685	0	171
N28	7/20/04	59	20.0	175	6.0	71	154	154	309	618	386	154
N29	7/21/04	59	20.1	175	44.9	73	0	75	226	301	151	452
N30	7/24/04	59	20.0	176	23.0	73	0	0	151	151	0	151
O20	7/5/04	59	39.9	169	54.8	29	0	0	0	81	0	81
O21	7/5/04	59	39.3	170	34.8	34	252	420	3776	4447	923	0
O22	7/8/04	59	40.4	171	15.2	38	580	2467	73707	76755	161429	2043
O23	7/8/04	59	40.2	171	53.9	40	1887	7392	363331	45610	89810	2807
O24	7/9/04	59	49.4	172	54.1	42	574	2048	17145	19766	7829	25426
O24	7/9/04	59	49.7	172	16.0	39	1715	5291	50871	57877	63086	12290
O24	7/9/04	59	40.0	172	34.3	44	1062	2881	56272	60215	35067	1631
O25	7/9/04	59	39.7	173	14.3	50	757	925	26974	28656	336	41322
O26	7/18/04	59	39.8	173	51.3	55	4412	2647	1759	8818	1233	3623
O26	7/18/04	59	50.0	173	35.1	50	1749	5248	6418	13416	80024	13370
O27	7/18/04	59	40.3	174	26.5	61	1404	3862	702	5968	31246	23171
O28	7/20/04	59	40.0	175	6.0	67	2540	2309	0	4849	47272	5050
O29	7/21/04	59	40.1	175	51.9	73	306	0	994	1300	153	1836
O30	7/23/04	59	39.9	176	32.2	72	0	0	152	152	76	607
O31	7/23/04	59	40.2	177	9.2	93	189	0	0	189	0	0
P21	7/5/04	60	1.3	170	37.6	33	338	507	22075	22920	1015	169
P22	7/8/04	59	59.7	171	17.9	36	1005	1933	98663	101601	47836	1495
P23	7/8/04	59	59.7	171	57.9	34	183	1648	24813	26645	109647	26803
P23	7/8/04	60	10.0	172	18.9	30	0	0	163	163	0	163
P24	7/9/04	59	59.2	172	36.3	34	78	547	2499	3124	469	2499
P25	7/9/04	60	0.0	173	19.1	39	712	4352	23228	28293	3086	22319
P26	7/18/04	60	0.1	173	57.2	51	2582	4017	2323	8921	2442	1998
												4440

Table 10. Summary of crab density by tow (# per square nmi) for Snow Crab.

(*Chionoecetes opilio*)

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL				
				Large	Medium	Small	Total	Large	Small					
P26	7/18/04	60	7.5	173	46.5	46	469	11714	430157	442340	0	463778	463778	906118
P27	7/18/04	59	50.5	174	15.0	56	3527	1931	588	6046	420	336	756	6802
P27	7/18/04	60	0.2	174	35.8	57	812	2759	1461	5032	568	1136	1704	6736
P28	7/20/04	59	59.9	175	15.9	62	1340	2828	3158	7326	2546	849	3395	10721
P29	7/21/04	59	59.9	175	55.9	69	4714	0	112	4826	225	674	899	5725
P30	7/23/04	59	60.0	176	42.5	75	461	77	768	1305	0	1075	1075	2380
P31	7/23/04	60	0.2	177	13.5	73	152	229	305	686	152	152	305	991
P32	7/23/04	60	0.2	177	54.9	76	0	0	0	0	0	160	160	160
Q19	7/5/04	60	20.1	169	20.0	22	0	0	150	150	0	0	0	150
Q21	7/5/04	60	20.0	170	38.5	32	80	400	563779	56859	5002	5743	10745	67604
Q22	7/8/04	60	19.9	171	21.3	34	1158	5789	128521	135468	73356	12608	85964	221432
Q23	7/8/04	60	20.0	172	3.8	31	612	12556	51756	64925	1225	306	1531	66456
Q25	7/8/04	60	10.6	173	1.4	31	81	0	2272	2353	0	3083	3083	5436
Q25	7/19/04	60	26.7	173	27.8	32	223	557	10797	11576	0	8459	8459	20035
Q26	7/18/04	60	20.1	174	3.7	48	792	1407	6596	8795	704	6420	7124	15919
Q27	7/18/04	60	10.9	174	21.0	53	881	801	160	1843	561	80	641	2484
Q27	7/18/04	60	20.0	174	43.0	54	82	329	165	576	0	0	0	576
Q28	7/20/04	60	19.9	175	23.1	59	3192	1473	1559	6224	154	1313	1467	7692
Q29	7/21/04	60	20.1	176	1.7	65	3170	1811	465	5447	310	620	930	6377
Q30	7/22/04	60	20.2	176	42.7	73	766	536	3369	4671	19911	11575	31486	36158
Q31	7/22/04	60	19.8	177	23.0	79	76	0	76	151	303	1059	1362	1514
R22	7/19/04	60	39.9	171	26.0	33	0	1225	83305	84530	11807	102889	114696	199227
R23	7/19/04	60	40.1	172	7.0	32	0	6280	73788	80067	30297	46939	77237	157304
R24	7/19/04	60	39.4	172	44.4	22	242	483	967	1692	0	363	363	2055
R25	7/19/04	60	40.8	173	28.0	34	0	78	234	311	0	778	778	1090
R26	7/19/04	60	40.1	174	7.9	45	698	3496	24900	29094	125347	92167	217515	246609
R27	7/19/04	60	40.1	174	50.0	51	4871	5756	443	11070	679	528	1207	12277
R28	7/19/04	60	40.2	175	26.9	56	1997	1284	927	4207	1854	2496	4350	8557
R29	7/23/04	60	40.0	176	12.4	63	430	1203	4383	6015	258	6875	7132	13148
R30	7/22/04	60	40.1	176	48.1	69	1972	759	13457	16188	0	29593	29593	45781
R31	7/22/04	60	40.1	177	29.9	78	3227	525	0	3752	0	0	0	3752
R32	7/22/04	60	40.0	178	10.7	86	0	77	922	999	77	1459	1536	2535
S22	7/19/04	61	0.4	171	29.2	31	0	0	95293	95293	22207	26750	48957	144250

Table 10. Summary of crab density by tow (# per square nmi) for Snow Crab.

(*Chionoecetes opilio*)

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL	
				Large	Medium	Small	Total	Large	Small	Total	
S23	7/19/04	61	0.1	172	10.1	33	0	2313	108734	111048	98224
S24	7/20/04	60	59.9	172	49.8	33	0	3680	107946	111626	209272
S25	7/20/04	60	59.9	173	29.9	39	0	6853	87380	94233	192179
S26	7/22/04	61	0.2	174	11.4	43	326	5219	37513	43059	221014
S27	7/22/04	61	0.0	174	52.7	48	1150	1643	1479	4273	56433
S28	7/24/04	60	59.8	175	30.8	54	174	436	2265	2875	10600
S29	7/23/04	60	59.7	176	17.5	59	3502	1634	1712	6848	4444
S30	7/23/04	61	0.4	176	56.9	64	1427	4816	11950	18193	14475
S31	7/23/04	61	0.5	177	37.9	72	1273	1188	255	2716	35745
T25	7/20/04	61	19.8	173	36.9	38	0	3614	200602	204216	4073
T26	7/22/04	61	20.1	174	20.6	40	0	778	148149	148927	382854
T27	7/24/04	61	20.5	175	0.5	46	679	6794	69299	76772	351313
T28	7/24/04	61	20.4	175	42.9	51	0	3574	11982	15556	185753
T29	7/24/04	61	20.0	176	19.3	56	2114	1775	1691	5580	57605
T30	7/23/04	61	19.8	177	0.1	62	1765	3354	6531	11650	42050
U25	7/20/04	61	40.1	173	41.5	36	0	0	96180	96180	9469
U26	7/22/04	61	40.1	174	25.6	40	0	0	73111	5474	9797
U27	7/22/04	61	40.2	175	4.3	44	0	2302	184859	187161	21447
U28	7/21/04	61	40.0	175	46.9	50	0	8152	136544	144696	15584
U29	7/21/04	61	40.9	176	25.7	55	574	4593	11195	16362	180407
V25	7/20/04	62	0.1	173	46.1	32	0	0	120736	120736	107296
V26	7/21/04	62	0.1	174	30.2	38	0	105105	105105	113741	371697
V27	7/21/04	62	0.1	175	11.1	42	0	0	125066	18753	322991
V28	7/21/04	62	0.1	175	49.9	48	0	751	51836	52587	54327
									1666	1666	193576
									77468	77468	199057
									79134	79134	252585
											131721

NOTE: Minimum carapace sizes used are: Large Males > 4.0 in; Medium Males = 3.1 to 4.0 in; Large Females > 2.0 in.

Table 11. Summary of crab density by tow (# per square nm) for Hair Crab.

(*Eimacrus isenbeckii*)

Station Date	N. Lat.	W. Long	Fathoms	Males			Females			GRAND TOTAL
				Large	Medium	Small	Total	Large	Small	
B08	6/11/04	55	19.1	163	24.6	27	83	0	165	0
C09	6/11/04	55	40.4	162	49.8	26	0	0	0	80
D09	6/11/04	55	59.8	162	48.8	40	0	0	0	81
D18	6/20/04	55	59.8	168	13.5	80	0	78	0	0
E18	6/28/04	56	20.4	168	15.2	81	0	0	0	0
E21	6/29/04	56	20.2	170	4.2	57	0	0	0	0
F25	7/15/04	56	40.9	172	36.1	71	84	420	0	504
G01	6/28/04	57	0.1	167	42.2	40	77	0	0	77
G13	6/7/04	56	59.7	160	19.7	32	338	760	0	1097
G22	7/2/04	57	7.1	170	28.4	25	154	154	308	0
H01	6/28/04	57	19.8	167	44.3	38	77	0	77	77
H09	6/10/04	57	19.3	162	46.6	25	81	0	0	81
H13	6/6/04	57	19.5	160	18.4	32	79	237	0	395
H19	6/30/04	57	19.6	169	0.6	37	122	0	0	122
H20	7/3/04	57	29.9	169	21.7	37	0	0	0	80
I19	7/3/04	57	40.7	169	1.7	36	80	0	80	80
I19	7/3/04	57	30.4	168	44.4	37	0	0	0	78
J02	6/27/04	58	0.0	167	9.9	33	78	0	78	78
K01	6/27/04	58	19.8	167	50.3	29	78	0	78	78
K02	6/27/04	58	19.9	167	11.0	27	79	0	79	79
K03	6/25/04	58	20.4	166	33.0	24	78	0	78	78
K04	6/25/04	58	20.1	165	55.6	22	77	0	77	77
L01	6/27/04	58	39.8	167	52.1	24	77	0	77	77
L02	6/27/04	58	39.6	167	13.7	22	0	77	0	77
L18	7/4/04	58	40.2	168	29.8	27	156	0	156	233
M18	7/4/04	59	0.1	168	31.7	24	77	0	77	0
N19	7/4/04	59	19.4	169	13.7	26	81	0	81	81
N20	7/5/04	59	19.9	169	52.6	31	79	0	79	79
O18	7/4/04	59	39.8	168	37.2	20	79	0	79	79
P19	7/4/04	59	59.7	169	19.6	23	162	0	162	162

NOTE: Minimum carapace sizes used are: Large Males > 3.25 in; Medium Males = 2.0 to 3.25 in; Large Females > 2.6 in.