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Delivery Order No. 02
October 2003

Final Report

SUMMER 2003 LOBSTER SURVEY AND DATA REPORT

RHODE ISLAND REGION LONG-TERM DREDGED
MATERIAL DISPOSAL SITE EVALUATION PROJECT

Final

Summer 2003 Lobster Survey and Data Report

**Rhode Island Region
Long-Term Dredge Material Disposal Site Evaluation Project**

**Contract No. DACW33-01-D-0004
Delivery Order No. 02**

to

**U.S. Army Corps of Engineers
North Atlantic Division
New England District
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1. INTRODUCTION

In response to requests from former Rhode Island Governor Lincoln C. Almond and U.S. Senator Jack Reed, the U.S. Environmental Protection Agency (EPA) and the U.S. Army Corps of Engineers (Corps) initiated an evaluation project to determine the feasibility of designation of a long-term disposal site in the Rhode Island Region (RIR) and adjacent waters under section 102 (c) of the MPRSA in a forthcoming EIS. The EIS will evaluate other possible alternatives including other open water disposal sites, other disposal and management options, and the no action alternative.

This survey is one of a series of surveys being conducted during the summer of 2003 to collect additional biological and physical data to better characterize two areas in Rhode Island Sound (Alternative Area E and Alternative Area W) in which future dredged material disposal sites are being considered (Figure 1). This survey will provide lobster population information that can be used to evaluate and compare the two potential locations.

This is the third lobster population survey conducted under this project in an attempt to characterize the lobster resources in terms of abundance, size, sex ratio and shell condition. In this report, field survey methods are described in Section 2. A chronological summary of survey activities and observations is provided in Section 3. Section 4 presents the survey results. Survey problems encountered, corrective actions taken, and recommendations for future surveys are described in Section 5.

2. SURVEY METHODS

The sampling methods used for this field survey are described in detail in the Quality Assurance Project Plan (QAPP; Battelle, 2001) and are summarized below in Section 2.1.

2.1 Methods

The F/V *Mr. G*, owned and operated by Captain Michael Marchetti, served as the sampling platform during the survey. The survey personnel are listed in Table 1.

Table 1. Survey Personnel

August Survey		
Battelle	C. Gagnon	Physical Oceanographer/Chief Scientist
	S. Lachance	Marine Ecologist
Subcontractors	M. Marchetti	Captain, F/V <i>Mr. G</i>
	M. Beutel	Mate, F/V <i>Mr. G</i>

A total of 30 lobster pots were deployed within Alternative Area W (five trawl lines with six pots each), and 90 pots were deployed within Alternative Area E (15 trawl lines with 6 pots each). The pots were baited and deployed on lines such that there were three vented and three

un-vented pots (1:1 ratio) alternating on the line at a spacing of 20 fathoms. On day one, 60 pots were deployed within Alternative Area E (trawls one through ten; Figure 2). The pots were allowed to "soak" for three days. On the fourth day of the survey, the pots were retrieved, the contents counted and measured. The pots were then reset and re-deployed at un-sampled locations in Alternative Area E (trawls 11 through 15; Figure 2) and at the five sites within Alternative Area W (Figure 3). These pots were then recovered on the seventh (final) day of the survey.

In an attempt to characterize a larger percentage of the total lobster population, half of the pots deployed were unvented. Thus a population of actively foraging, sublegal lobsters were counted in this study. This study was not designed to capture the early benthic phase lobsters, which do not actively forage. Methods for measuring populations of early benthic phase lobsters include diving and suction sampling, both of which were beyond the scope of this study.

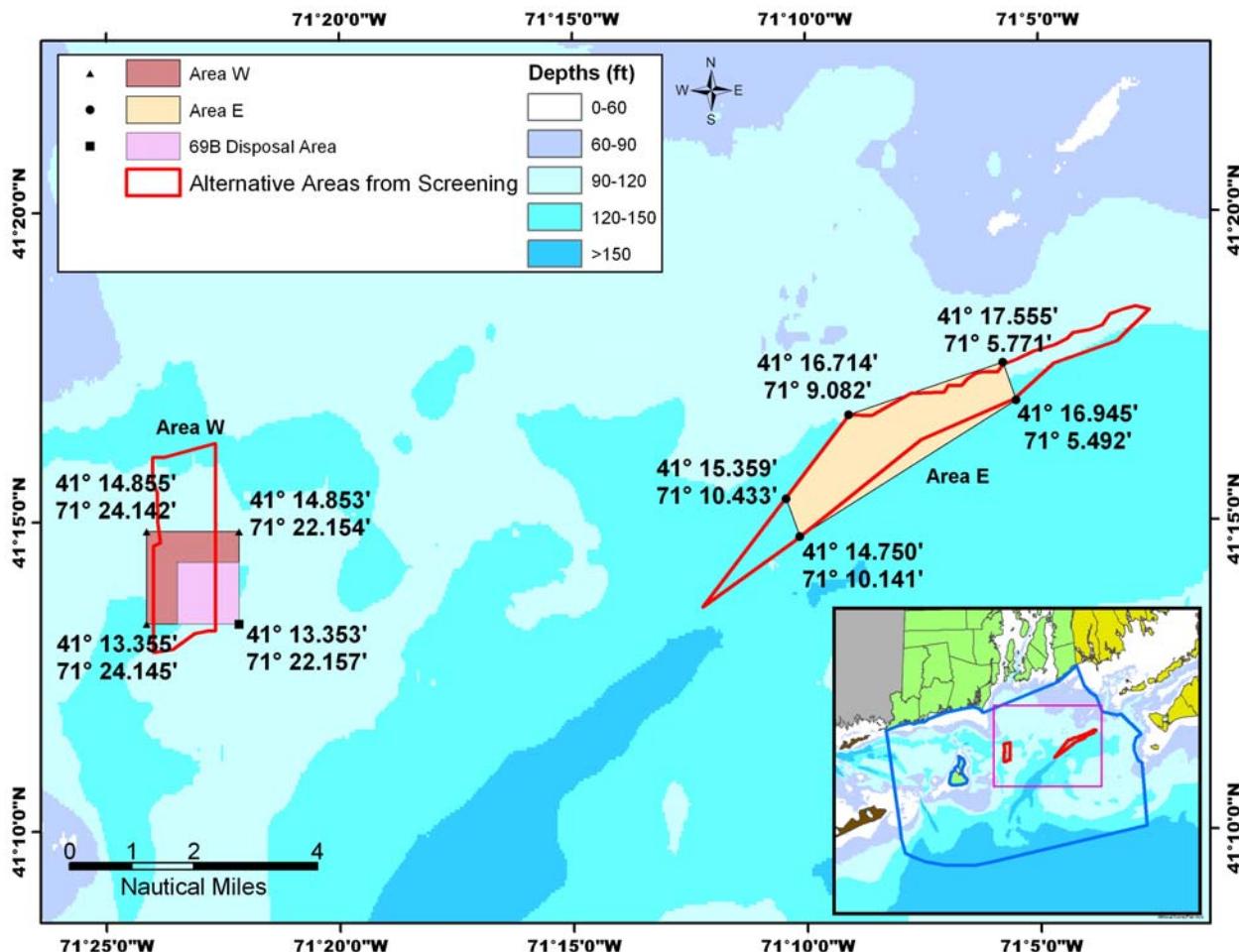


Figure 1. Location of Alternative Areas E and W.

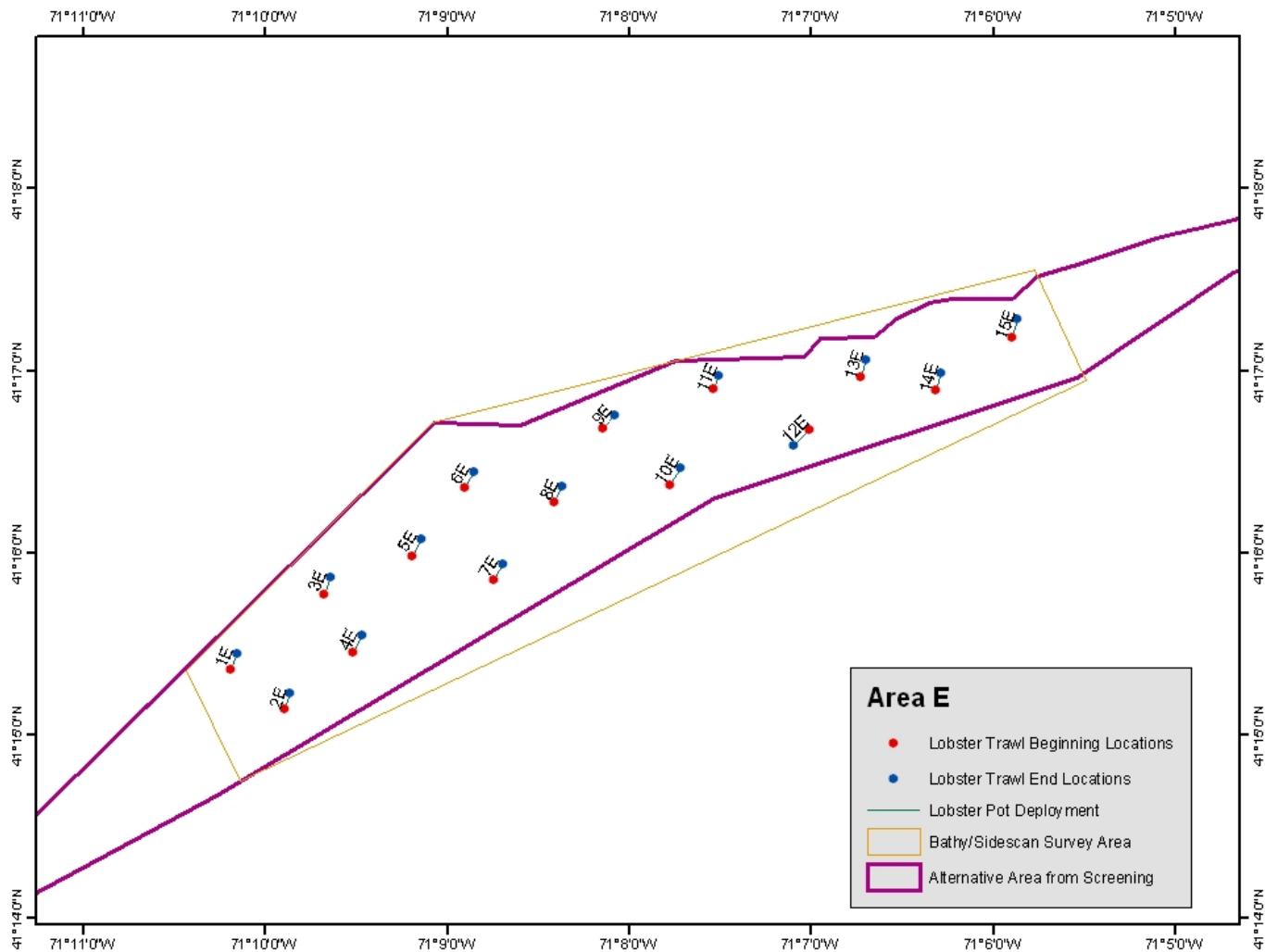


Figure 2. Trawl Locations for Alternative Area E.

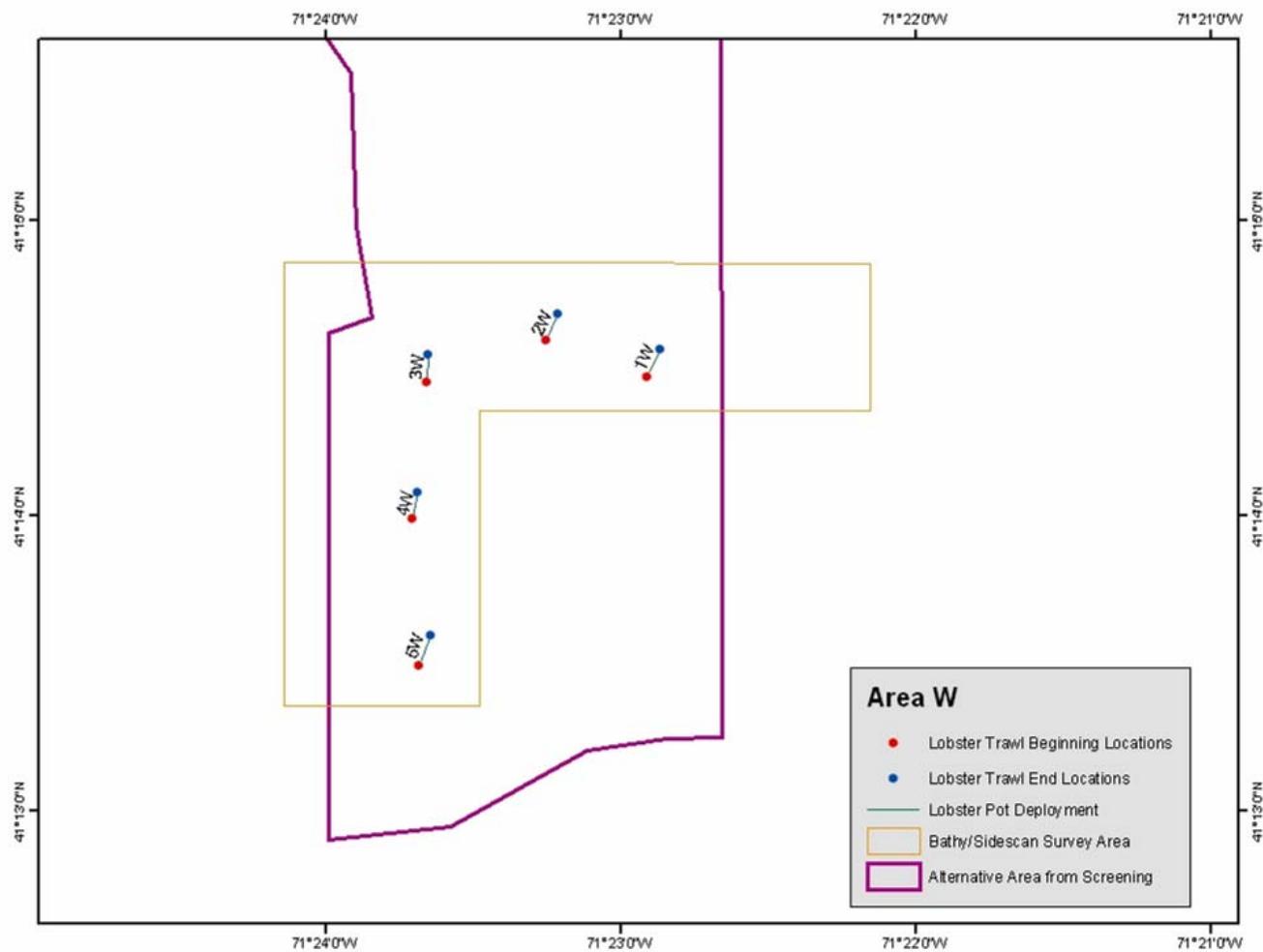


Figure 3. Trawl Locations for Alternative Area W.

Trawl locations were chosen based on review of the bottom type information obtained from recent side scan studies of the seafloor within the alternative areas. Trawls were spaced to both target potential lobster habitats and to provide sufficient coverage to characterize the alternative area.

All traps were set by Mr. Michael Marchetti, a local Rhode Island commercial lobsterman, aboard his own lobster boat the F/V *Mr. G*. The pots were recovered after each three-day set to minimize potential cannibalism of juvenile lobsters. The Battelle physical oceanographer and marine ecologist accompanied Mr. Marchetti during the deployment and recovery of the pots. The actual coordinates of the beginning and end of each trawl were recorded using a Garmin 12XL GPS system and hand recorded on field log sheets. The date and time of collection were also recorded at each station.

All lobsters, including juveniles, were measured for size (carapace length in mm) and examined in the field for sex, reproductive condition, shell disease (chitinoclasia), V-notching, shell hardness, cull status, and surficial damage. All lobsters were then returned to the ocean after this information was recorded.

2.2 Deviations

None

3. SURVEY CHRONOLOGY

Tuesday, August 5, 2003

1220	Depart Pt. Judith, RI for Area E.
1430	Arrive Area E.
1440	Set trawl 1E.
1450	Set trawl 2E.
1456	Set trawl 3E.
1505	Set trawl 4E.
1512	Set trawl 5E.
1518	Set trawl 6E.
1527	Set trawl 7E.
1532	Set trawl 8E.
1537	Set trawl 9E.
1543	Set trawl 10E.
1545	Finished for the day, depart for Pt. Judith.
1800	Arrive Pt. Judith.

Friday, August 8, 2003

0645	Arrive Pt. Judith. A battery problem on the <i>Mr. G</i> causes delays.
1015	Depart Pt. Judith for Area E.
1226	Arrive Area E.
1231	Haul trawl 5E.
1255	Haul trawl 4E.

1315	Haul trawl at 3E.
1335	Haul trawl 1E.
1349	Haul trawl 2E.
1422	Set trawl 11E.
1429	Set trawl 12E.
1435	Set trawl 13E.
1440	Set trawl 14E.
1445	Set trawl 15E.
1459	Haul trawl 10E.
1516	Haul trawl 9E.
1532	Haul trawl 8E.
1549	Haul trawl 7E.
1605	Haul trawl 6E.
1615	Depart for Area W.
1734	Arrive Area W.
1735	Set trawl 5W.
1740	Set trawl 4W.
1744	Set trawl 3W.
1747	Set trawl 2W.
1752	Set trawl 1W.
1755	Finished for the day, depart for Pt. Judith.
1910	Arrive Pt. Judith.

Monday, August 11, 2003

0755	Depart Pt. Judith, RI for Area E.
1025	Arrive Area E, haul trawl 11E.
1045	Haul trawl 12E.
1103	Haul trawl 13E.
1122	Haul trawl 14E.
1145	Haul trawl 15E.
1210	Depart for Area W.
1333	Arrive Area W, haul trawl 5W.
1350	Haul trawl 4W.
1406	Haul trawl 3W.
1422	Haul trawl 2W.
1440	Haul trawl 1W.
1457	Survey complete, depart for Pt. Judith.
1625	Arrive Pt. Judith.

The sampling date, time and start and end points for all trawls are presented in Table 2.

**Table 2. Summary Information for Lobster Trawl Locations in Rhode Island Sound,
 August 2003.**

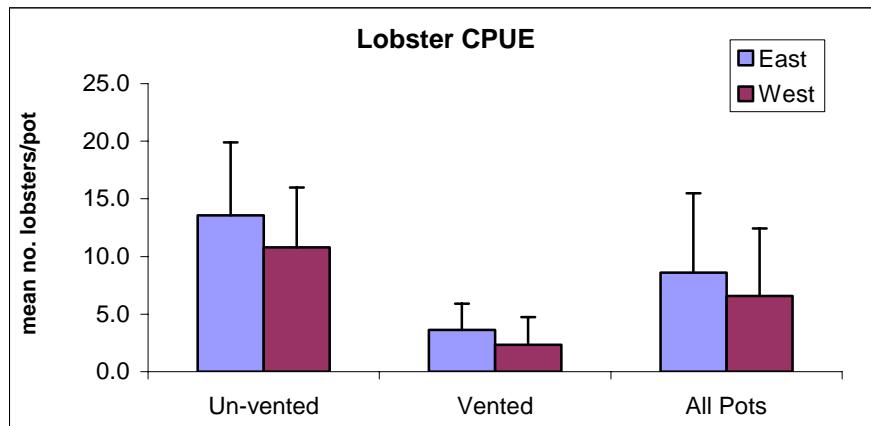
Date	Time	Latitude	Longitude	Area	Comments
08/05/2003	1440	41° 15.362'N	-071° 10.190'W	E	Begin Trawl 1E
		41° 15.454'N	-071° 10.153'W		End Trawl 1E
	1450	41° 15.145'N	-071° 09.892'W		Begin Trawl 2E
		41° 15.231'N	-071° 09.863'W		End Trawl 2E
	1456	41° 15.777'N	-071° 09.674'W		Begin Trawl 3E
		41° 15.867'N	-071° 09.639'W		End Trawl 3E
	1505	41° 15.458'N	-071° 09.515'W		Begin Trawl 4E
		41° 15.549'N	-071° 09.468'W		End Trawl 4E
	1512	41° 15.989'N	-071° 09.191'W		Begin Trawl 5E
		41° 16.081'N	-071° 09.139'W		End Trawl 5E
	1518	41° 16.364'N	-071° 08.904'W		Begin Trawl 6E
		41° 16.445'N	-071° 08.854'W		End Trawl 6E
	1526	41° 15.854'N	-071° 08.746'W		Begin Trawl 7E
		41° 15.940'N	-071° 08.694'W		End Trawl 7E
	1532	41° 16.280'N	-071° 08.410'W		Begin Trawl 8E
		41° 16.367'N	-071° 08.369'W		End Trawl 8E
	1537	41° 16.685'N	-071° 08.141'W		Begin Trawl 9E
		41° 16.761'N	-071° 08.077'W		End Trawl 9E
	1543	41° 16.377'N	-071° 07.773'W		Begin Trawl 10E
		41° 16.468'N	-071° 07.716'W		End Trawl 10E
08/08/2003	1422	41° 16.903'N	-071° 07.538'W	W	Begin Trawl 11E
		41° 16.978'N	-071° 07.505'W		End Trawl 11E
	1429	41° 16.676'N	-071° 07.008'W		Begin Trawl 12E
		41° 16.594'N	-071° 07.096'W		End Trawl 12E
	1435	41° 16.971'N	-071° 06.725'W		Begin Trawl 13E
		41° 17.066'N	-071° 06.696'W		End Trawl 13E
	1440	41° 16.896'N	-071° 06.312'W		Begin Trawl 14E
		41° 16.992'N	-071° 06.287'W		End Trawl 14E
	1445	41° 17.188'N	-071° 05.898'W		Begin Trawl 15E
		41° 17.285'N	-071° 05.864'W		End Trawl 15E
	1735	41° 13.494'N	-071° 23.683'W		Begin Trawl 5W
		41° 13.595'N	-071° 23.644'W		End Trawl 5W
	1740	41° 13.989'N	-071° 23.706'W		Begin Trawl 4W
		41° 14.079'N	-071° 23.691'W		End Trawl 4W
	1744	41° 14.453'N	-071° 23.660'W		Begin Trawl 3W
		41° 14.547'N	-071° 23.653'W		End Trawl 3W
	1747	41° 14.595'N	-071° 23.254'W		Begin Trawl 2W
		41° 14.685'N	-071° 23.215'W		End Trawl 2W
	1752	41° 14.469'N	-071° 22.910'W		Begin Trawl 1W
		41° 14.564'N	-071° 22.866'W		End Trawl 1W

4. SURVEY RESULTS

4.1 Overview

The Summer 2003 lobster survey was successfully completed on August 11, 2003. All data collected during the survey is reported in Appendix A. Summary information on catch, sex, length and condition is presented below.

A total of 973 lobsters were collected from the two areas sampled (i.e., Alternative Area E and Alternative Area W) within Rhode Island Sound. Catch per Unit Effort (CPUE) was calculated as the number of lobsters collected in a given lobster pot. Therefore, the CPUE for either Alternative Area E or Alternative Area W was the average of CPUE from all individual lobster pots at that site. CPUE for un-vented pots, vented pots and all pots combined (i.e., un-vented + vented) is presented in Figure 4 and summarized in Appendix B.



Note: Error bars represent 1 standard deviation.

Figure 4. Mean CPUE of Lobsters in Un-vented Pots, Vented Pots, and All Pots Combined from Alternative Area E and Alternative Area W.

Regardless of location, un-vented pots collected significantly ($p < 0.001$) more lobsters (mean CPUE in un-vented pots = 12.9 lobsters/pot) than vented pots (mean CPUE in vented pots = 3.3 lobsters/pot) because vented pots allowed for escape of smaller sized lobsters. In several instances, no lobsters were harvested from the vented pots. Five of the 45 vented pots sampled at Alternative Area E collected no lobsters, while 4 of the 15 vented pots sampled at Alternative Area W collected no lobsters.

Although CPUE was significantly larger from un-vented pots than vented pots, the CPUE of lobsters from all pots combined (un-vented + vented) was not significantly different between Alternative Area E and Alternative Area W (mean CPUE = 8.6 and 6.57 lobsters/pot, respectively; $p = 0.07$). There was, however, a significant difference in the CPUE in vented pots between Alternative Area E and Alternative Area W. CPUE in vented pots from Alternative

Area E (3.68 lobsters/pot) was significantly higher than CPUE in vented pots from Alternative Area W (2.3 lobsters/pot; $p = 0.03$). CPUE in un-vented pots from Alternative Area E was slightly greater (13.6 lobsters/pot) than CPUE in un-vented pots from Alternative Area W (10.8 lobsters/pot); however this difference was not significant ($p = 0.06$).

Of the lobsters collected during the survey, 713 individuals (73%) were female and 260 individuals (27%) were male. The proportion of lobsters collected from un-vented and vented pots that were male and female are summarized in Table 3 for Alternative Area E and Alternative Area W. As mentioned above, the un-vented pots collected significantly more lobsters than vented pots. In both Alternative Area E and Alternative Area W, females made up the majority of the lobsters caught in these un-vented pots. In Alternative Area E 73% of the catch from un-vented pots was female. In Alternative Area W, fewer females (i.e., 61%) were collected in the un-vented pots.

Table 3. Number and Percent of Total Lobster Catch which are Female and Male in both Un-vented and Vented Pots at Alternative Area E and Alternative Area W.

	Un-vented				Vented			
	Total No. Lobsters	Sex	Number	Percent	Total No. Lobsters	Sex	Number	Percent
Area E	610	Female	443	73	166	Female	144	87
		Male	167	27		Male	22	13
Area W	162	Female	99	61	35	Female	27	77
		Male	63	39		Male	8	23

A higher proportion of females were collected from the vented pots than un-vented pots in both Alternative Area E and Alternative Area W. Eighty-seven percent of the lobsters collected from vented pots at Alternative Area E were female and 77% collected from vented pots at Alternative Area W were female.

Approximately 10% of the females collected at both Alternative Area E and Alternative Area W were v-notched (Table 4). Of the females collected in vented pots, v-notches were observed in 24% of those from Alternative Area E and 19% in those from Alternative Area W. In un-vented pots v-notches were only observed in 5% and 7% of the females from Alternative Area E and Alternative Area W, respectively.

Table 4. Number and Percent of Female V-notched Lobsters in Un-vented, Vented, and All Pots for Alternative Area E and Alternative Area W.

	Un-vented			Vented			All Pots		
	No. V-notched	Total No. female	Percent	No. V-notched	Total No. female	Percent	No. V-notched	Total No. female	Percent
Area E	23	443	5	34	144	24	57	587	10
Area W	7	99	7	5	27	19	12	126	10

The average size of lobsters observed during this survey was approximately 77 mm Carapace Length (CL). Figure 5 presents the average size of lobsters collected in un-vented pots, vented pots, and all pots combined for Alternative Area E and Alternative Area W.

Lobsters collected from Alternative Area E were significantly larger than those collected from Alternative Area W (mean CL = 77.4 mm and 75.6 mm, respectively; $p = 0.003$; Figure 5). As expected, lobsters in vented pots were significantly larger than those in un-vented pots because smaller lobsters were able to escape through the vents leaving only larger individuals ($p < 0.001$). In vented pots, the average lobster size was 84.3 mm CL and 81.5 mm CL for Alternative Areas E and W, respectively. Lobster size in un-vented pots averaged 75.5 mm CL in Alternative Area E and 74.3 mm CL in Alternative Area W.

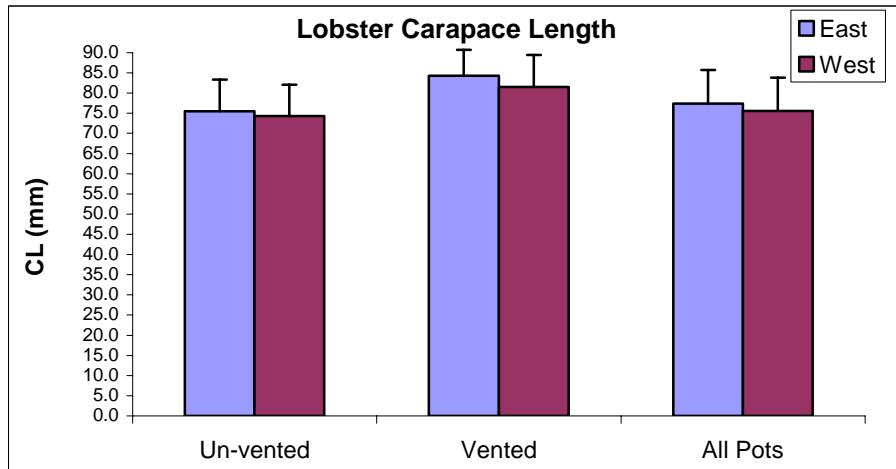


Figure 5. Length of Lobsters Collected from Un-vented, Vented and All Pots from Alternative Area E and Alternative Area W.

Shell disease was not highly prevalent in the lobsters observed during this survey. Table 5 presents the proportion of lobsters exhibiting various stages of shell disease. The External Disease Condition Code is an index ranging from 0 to 3 which represents the percent cover of

the shell which shows signs of disease (i.e., pitting, erosions or lesions). Seventy-five percent of the lobsters collected from Alternative Area E and 70 % of those collected from Alternative Area W were reported to have no shell disease symptoms (External Disease Condition Code = 0).

Approximately 10% of the lobsters from Alternative Area E and 10% from Alternative Area W showed shell disease symptoms on 1-10% of the shell surface (External Disease Condition Code = 1). Lobsters collected from Alternative Area W had slightly higher incidences of shell disease for External Disease Condition Code indexes of 2 and 3. Eleven percent of the lobsters observed at Alternative Area W had shell disease symptoms on 11-50% (Condition Code = 2) of their shell compared to only 6% of the lobsters from Alternative Area E for this same condition. Eight percent of the lobsters observed at Alternative Area W had shell disease symptoms on greater than 50% of their shell (Condition code = 3) compared to 5% at Alternative Area E. For lobsters that had recently molted, 4% in Alternative Area E and 2% in Alternative Area W showed scars of shell erosion from the previous shell (External Disease Condition Code = OLD).

Table 5. Percent of Lobsters Exhibiting Various Stages of Shell Disease.

Area	Pot Type	External Disease Condition Code				
		0	1	2	3	OLD
Area E	Un-vented	77%	9%	5%	4%	4%
	Vented	69%	14%	10%	5%	2%
	All traps	75%	10%	6%	5%	4%
Area W	Un-vented	70%	9%	11%	8%	2%
	Vented	69%	14%	9%	9%	0%
	All traps	70%	10%	11%	8%	2%

0 = No shell disease symptoms

1 = Shell disease symptoms on 1-10% of the shell surface

2 = Shell disease symptoms on 11-50% of the shell surface

3 = Shell disease symptoms on more than 50% of the shell surface

Old = New shell shows scars of shell erosion from the previous shell

4.2 Conclusions

Lobsters collected from Area E were slightly larger and more abundant overall than in Area W. The percentage of females was also somewhat higher in Area E, while the total percentage of v-notched lobsters was the same at both locations (10%). The amount of shell disease exhibited at both locations was similar and low. While slightly larger and more abundant lobster were found at Area E, the data measurements from Area E were based on a larger number of pots spread over a greater distance and represented a wider range of habitat types. The sediment bottom type in Area W consists primarily of uniform fine sands with very little bottom expressions (rocks, boulders, etc.). Figure 6 shows similar mean CPUE for each station, for both vented and un-vented pots. Area E consists of a number of different habitat types, with coarse to medium sand

in the southwest portion of the area, silty-fine sand along the southern portion of the area, and significant surface expressions consisting of rocks and boulders comprising the northern and eastern portion of the area. Figure 7 shows mean CPUE (vented/un-vented) by station for Area E. Overall, higher CPUE values were found at the northeast stations, consistent with the preferred habitat of lobsters (i.e., mixed bottom type including significant surface expressions).

5. PROBLEMS EXPERIENCED AND CORRECTIVE ACTIONS

5.1 Technical

A representative from the Rhode Island Department of Environmental Management (RIDEM) was unable to accompany the survey team during either day of the recovery. The Battelle physical oceanographer conducted all measurements and characterizations.

5.2 Schedule

None

6. REFERENCES

Battelle. 2001. Final Quality Assurance Project Plan Rhode Island Sound Disposal Site Study. Task 1 QAPP: Field Sampling, Chemical, and Toxicity Testing. Prepared under Contract No. DACW33-01-D-0004, Delivery Order No. 02. September 2001.



Figure 6. Mean CPUE for (Vented, Un-vented) Lobster Pots in Area W.

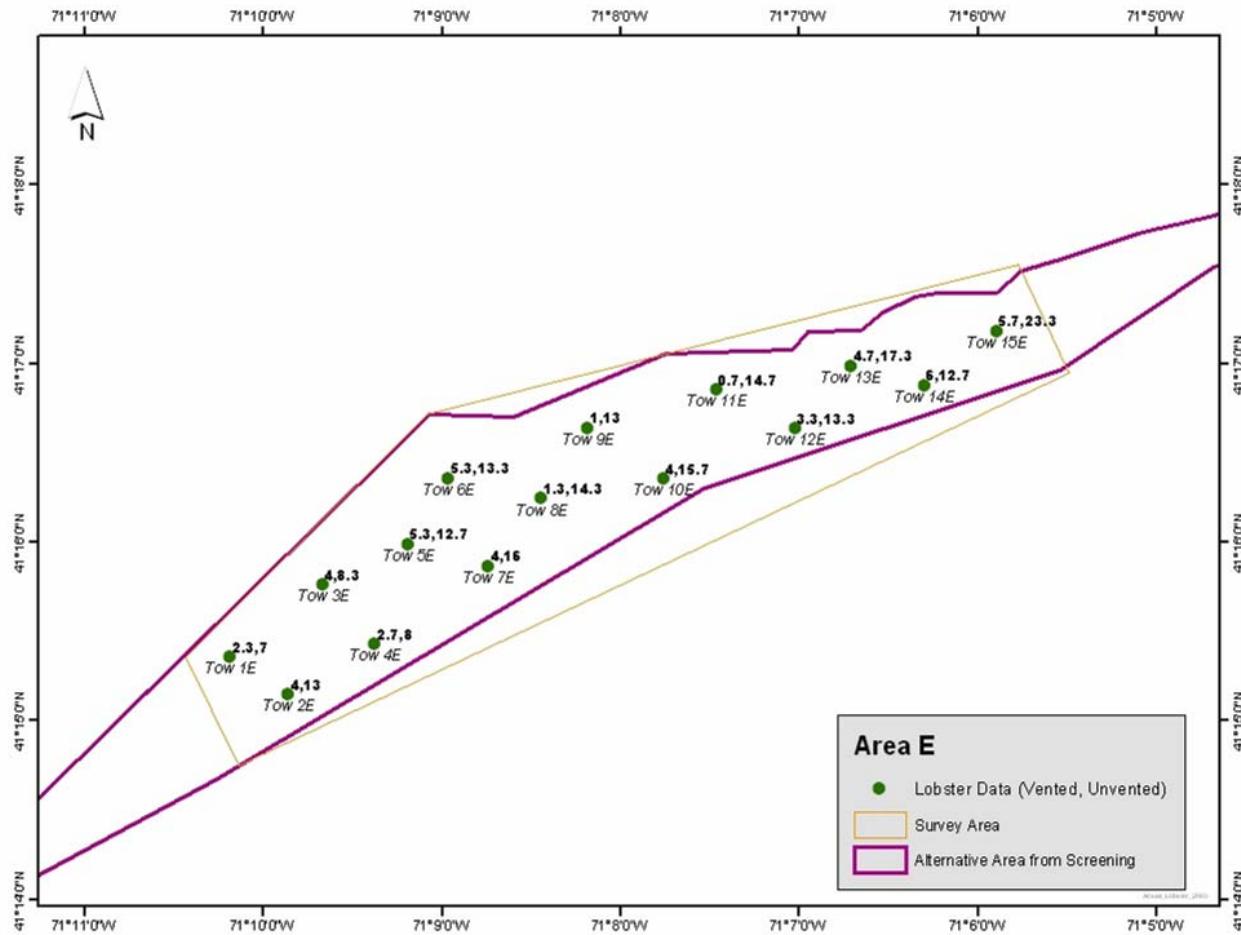


Figure 7. Mean CPUE for (Vented, Un-vented) Lobster Pots in Area E.

APPENDIX A

Data for Individual Lobster Collected

Abbreviations Used in Comment Field

BCP	Both Claws Present
HS	Hard Shell
NS	New Shell
OS	Old Shell
SC	Single Cull
DC	Double Cull
M	Missing
ND	New Damage
OD	Old Damage
RC	Right Claw
LC	Left Claw
B(ud)	Generating a bud
GE	Green Eggs
GGE	Green-Gray Eggs

Date	Area (east or west)	Latitude Begin	Longitude Begin	Latitude End	Longitude End	Trawl no.	Pot no.	Pot type (vented or unvented)	Sample #	Sex (m or f)	Carapace Length (mm)	External Disease (0-3 or "old")	V-notch (yes or no)	Comments
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	1	U	001	F	92	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	1	U	002	F	80	1	no	SC/B/LC, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	1	U	003	F	75	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	1	U	004	F	77	1	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	1	U	005	F	86	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	1	U	006	M	73	OLD	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	1	U	007	F	70	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	1	U	008	F	89	0	no	SC/LC, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	1	U	009	F	81	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	1	U	010	M	81	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	1	U	011	F	63	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	1	U	012	F	80	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	1	U	013	F	79	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	1	U	014	M	71	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	1	U	015	F	87	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	1	U	016	F	80	1	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	1	U	017	F	85	OLD	yes	BCP, V-Notch, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	1	U	018	M	78	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	2	V	019	F	83	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	2	V	020	F	69	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	2	V	021	F	84	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	2	V	022	F	84	1	yes	BCP, V-Notch, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	2	V	023	F	80	2	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	2	V	024	F	84	1	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	2	V	025	F	90	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	3	U	026	F	79	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	3	U	027	F	77	1	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	3	U	028	F	81	3	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	3	U	029	F	76	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	3	U	030	F	86	1	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	3	U	031	F	81	1	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	3	U	032	F	76	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	3	U	033	F	79	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	3	U	034	F	81	1	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	4	V	035	F	83	OLD	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	4	V	036	F	86	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	4	V	037	F	88	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	5	U	038	F	77	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	5	U	039	F	79	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	5	U	040	F	78	2	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	5	U	041	F	84	1	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	5	U	042	F	83	1	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	5	U	043	F	75	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	5	U	044	M	64	OLD	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	5	U	045	F	64	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	5	U	046	F	69	0	no	BCP, HS

Date	Area (east or west)	Latitude Begin	Longitude Begin	Latitude End	Longitude End	Trawl no.	Pot no.	Pot type (vented or unvented)	Sample #	Sex (m or f)	Carapace Length (mm)	External Disease (0-3 or "old")	V-notch (yes or no)	Comments
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	5	U	047	M	75	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	5	U	048	F	84	2	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	5	U	049	F	85	0	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	6	V	050	F	87	1	yes	BCP, V-Notch, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	6	V	051	F	92	1	yes	V-Notch, BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	6	V	052	F	83	2	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	6	V	053	F	79	1	no	BCP, HS
8-Aug-03	E	41°15.989	71°09.191	41°16.081	71°09.139	5	6	V	054	F	67	0	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	1	U	055	F	81	0	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	1	U	056	F	84	0	no	SC/LC, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	1	U	057	F	86	3	yes	BCP, V-Notch, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	1	U	058	F	75	0	no	B/RC, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	1	U	059	F	83	0	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	1	U	060	F	77	1	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	1	U	061	F	77	0	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	1	U	062	F	77	0	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	1	U	063	F	70	OLD	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	1	U	064	F	80	3	yes	BCP, V-Notch, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	2	V	065	F	85	1	no	BCP, GGE, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	2	V	066	F	88	2	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	2	V	067	M	90	0	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	2	V	068	F	84	0	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	3	U	069	F	84	0	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	3	U	070	F	80	0	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	3	U	071	F	75	0	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	4	V	072	F	81	3	no	BCP, OS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	4	V	073	F	88	0	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	5	U	074	F	70	0	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	5	U	075	F	69	0	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	5	U	076	F	74	0	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	5	U	077	F	64	0	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	5	U	078	F	76	1	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	5	U	079	F	89	0	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	5	U	080	F	72	0	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	5	U	081	M	68	0	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	5	U	082	F	79	0	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	5	U	083	F	85	0	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	5	U	084	M	72	0	no	BCP, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	6	V	085	F	84	2	yes	BCP, V-Notch, HS
8-Aug-03	E	41°15.458	71°09.515	41°15.549	71°09.468	4	6	V	086	F	86	1	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	1	V	087	F	87	2	yes	BCP, V-Notch, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	1	V	088	F	80	0	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	1	V	089	F	81	2	yes	BCP, V-Notch, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	1	V	090	F	86	0	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	2	U	091	F	75	0	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	2	U	092	M	67	0	no	BCP, HS

Date	Area (east or west)	Latitude Begin	Longitude Begin	Latitude End	Longitude End	Trawl no.	Pot no.	Pot type (vented or unvented)	Sample #	Sex (m or f)	Carapace Length (mm)	External Disease (0-3 or "old")	V-notch (yes or no)	Comments
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	2	U	093	F	91	OLD	yes	BCP, V-Notch, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	2	U	094	F	75	0	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	2	U	095	M	80	0	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	2	U	096	F	76	1	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	2	U	097	M	68	1	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	2	U	098	F	71	0	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	2	U	099	M	84	0	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	2	U	100	F	78	3	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	2	U	101	F	78	1	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	2	U	102	M	77	0	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	2	U	103	M	56	1	no	B/RC, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	3	V	104	F	88	1	yes	BCP, V-Notch, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	3	V	105	F	92	3	no	BCP, OS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	3	V	106	M	90	0	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	3	V	107	F	82	0	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	3	V	108	F	90	2	yes	BCP, V-Notch, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	3	V	109	F	83	0	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	4	U	110	F	84	0	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	4	U	111	M	79	0	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	4	U	112	F	73	0	no	SC/RC, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	5	V	113	M	94	0	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	5	V	114	F	88	2	yes	BCP, V-Notch, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	5	V	115	F	83	1	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	5	V	116	F	84	3	no	OS, BCP
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	6	U	117	F	96	0	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	6	U	118	F	91	OLD	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	6	U	119	M	73	0	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	6	U	120	F	80	OLD	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	6	U	121	M	69	0	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	6	U	122	F	77	0	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	6	U	123	F	77	0	no	SC/RC, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	6	U	124	F	57	0	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	6	U	125	M	71	0	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	6	U	126	F	83	0	no	SC/RC, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	6	U	127	F	81	0	no	BCP, HS
8-Aug-03	E	41°15.777	71°09.674	41°15.867	71°09.639	3	6	U	128	F	71	0	no	BCP, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	1	U	129	F	82	0	no	BCP, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	1	U	130	F	79	1	no	OS, BCP
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	1	U	131	M	83	0	no	BCP, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	1	U	132	F	81	1	no	SC/RC, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	2	V	133	F	84	0	no	BCP, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	2	V	134	F	94	0	yes	BCP, V-Notch, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	2	V	135	M	81	0	no	BCP, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	2	V	136	F	80	0	no	BCP, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	3	U	137	F	80	1	no	BCP, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	3	U	138	F	87	0	no	BCP, HS

Date	Area (east or west)	Latitude Begin	Longitude Begin	Latitude End	Longitude End	Trawl no.	Pot no.	Pot type (vented or unvented)	Sample #	Sex (m or f)	Carapace Length (mm)	External Disease (0-3 or "old")	V-notch (yes or no)	Comments
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	3	U	139	M	74	0	no	BCP, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	3	U	140	F	78	OLD	no	OS, BCP
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	3	U	141	M	76	OLD	no	BCP, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	5	U	142	F	83	1	yes	BCP, OS, V-notch
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	5	U	143	F	77	0	no	BCP, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	5	U	144	F	81	0	no	BCP, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	5	U	145	F	83	0	no	BCP, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	5	U	146	F	73	0	no	SC/RC, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	5	U	147	F	81	0	no	BCP, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	5	U	148	F	62	0	no	BCP, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	5	U	149	M	58	OLD	no	BCP, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	5	U	150	M	77	0	no	BCP, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	5	U	151	F	78	0	no	BCP, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	5	U	152	F	68	0	no	BCP, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	5	U	153	M	79	0	no	BCP, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	6	V	154	F	89	0	yes	BCP, V-Notch, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	6	V	155	F	88	0	yes	BCP, V-Notch, HS
8-Aug-03	E	41°15.362	71°10.190	41°15.454	71°10.153	1	6	V	156	M	96	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	1	U	157	F	80	OLD	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	1	U	158	F	87	0	yes	OS, BCP, V-notch
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	1	U	159	F	82	2	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	1	U	160	F	86	OLD	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	1	U	161	M	71	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	1	U	162	F	76	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	1	U	163	F	84	OLD	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	1	U	164	F	84	3	no	OS, BCP
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	1	U	165	F	89	1	no	OS, BCP
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	1	U	166	M	68	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	1	U	167	M	72	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	1	U	168	F	65	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	1	U	169	F	72	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	1	U	170	F	89	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	1	U	171	F	84	0	no	OS, BCP
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	1	U	172	F	82	3	no	OS, BCP
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	2	V	173	F	78	2	no	BCP, GGE, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	2	V	174	M	88	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	2	V	175	F	84	0	no	SC/LC, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	2	V	176	M	92	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	3	U	177	F	80	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	3	U	178	F	74	OLD	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	3	U	179	F	84	3	no	OS, BCP
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	3	U	180	M	88	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	3	U	181	F	77	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	3	U	182	F	80	1	no	OS, BCP
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	3	U	183	M	82	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	3	U	184	M	65	0	no	BCP, HS

Date	Area (east or west)	Latitude Begin	Longitude Begin	Latitude End	Longitude End	Trawl no.	Pot no.	Pot type (vented or unvented)	Sample #	Sex (m or f)	Carapace Length (mm)	External Disease (0-3 or "old")	V-notch (yes or no)	Comments
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	3	U	185	F	76	1	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	3	U	186	M	77	0	no	SC/RC, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	4	V	187	F	85	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	4	V	188	F	84	OLD	yes	BCP, V-Notch, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	5	U	189	M	80	OLD	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	5	U	190	M	86	2	yes	OS, BCP, V-notch
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	5	U	191	M	76	2	no	OS, BCP
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	5	U	192	F	79	0	yes	OS, BCP, V-notch
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	5	U	193	M	70	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	5	U	194	F	78	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	5	U	195	F	82	3	no	BCP, OS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	5	U	196	F	84	3	no	BCP, OS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	5	U	197	M	73	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	5	U	198	M	76	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	5	U	199	F	82	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	5	U	200	F	79	3	no	BCP, OS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	5	U	201	F	66	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	5	U	202	F	69	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	6	V	203	F	85	2	no	OS, BCP
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	6	V	204	F	87	0	no	BCP, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	6	V	205	F	90	1	no	OS, BCP
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	6	V	206	F	87	0	yes	BCP, V-Notch, HS
8-Aug-03	E	41°15.145	71°09.892	41°15.231	71°09.863	2	6	V	207	F	94	3	yes	BCP, V-Notch, OS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	1	U	208	F	76	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	1	U	209	F	81	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	1	U	210	F	77	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	1	U	211	F	86	2	yes	BCP, V-Notch, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	1	U	212	M	71	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	1	U	213	F	79	3	no	OS, BCP
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	1	U	214	F	84	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	1	U	215	F	82	1	no	OS, BCP
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	1	U	216	F	65	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	1	U	217	F	73	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	1	U	218	M	68	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	1	U	219	F	79	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	1	U	220	F	79	0	no	BCP, OS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	1	U	221	F	85	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	1	U	222	F	78	0	no	OS, BCP
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	1	U	223	M	70	0	no	SC/RC, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	2	V	224	F	91	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	2	V	225	F	82	0	no	OS, BCP
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	2	V	226	F	82	1	no	OS, SC/RC
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	2	V	227	F	86	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	2	V	228	F	88	0	no	SC/RC, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	3	U	229	F	70	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	3	U	230	F	62	0	no	BCP, HS

Date	Area (east or west)	Latitude Begin	Longitude Begin	Latitude End	Longitude End	Trawl no.	Pot no.	Pot type (vented or unvented)	Sample #	Sex (m or f)	Carapace Length (mm)	External Disease (0-3 or "old")	V-notch (yes or no)	Comments
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	3	U	231	F	79	2	no	BCP, OS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	3	U	232	F	83	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	3	U	233	M	72	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	3	U	234	M	73	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	3	U	235	M	68	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	3	U	236	F	74	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	3	U	237	F	89	0	no	SC/LC, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	3	U	238	F	77	1	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	3	U	239	F	60	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	3	U	240	M	76	0	no	SC/LC, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	3	U	241	F	62	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	3	U	242	F	84	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	3	U	243	F	72	0	no	BCP, OS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	3	U	244	F	75	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	4	V	245	F	88	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	4	V	246	M	88	OLD	no	SC/LC, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	4	V	247	F	84	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	4	V	248	F	87	1	yes	V-notch, OS, BCP
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	5	U	249	M	91	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	5	U	250	M	78	0	no	SC/LC, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	5	U	251	F	89	0	no	SC/LC, OS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	5	U	252	F	85	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	5	U	253	F	70	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	5	U	254	F	78	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	5	U	255	F	80	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	5	U	256	F	64	0	no	BCP, OS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	5	U	257	F	72	0	no	SC/LC, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	5	U	258	F	89	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	5	U	259	M	62	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	5	U	260	F	68	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	5	U	261	F	79	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	5	U	262	M	91	0	no	BCP, HS
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	6	V	263	F	93	0	no	OS, BCP
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	6	V	264	F	84	3	yes	V-notch, OS, BCP
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	6	V	265	F	83	0	yes	OS, V-notch, BCP
8-Aug-03	E	41°16.377	71°07.773	41°16.468	71°07.716	10	6	V	266	F	86	0	no	OS, BCP
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	1	V	268	F	84	2	yes	OS, BCP, V-notch
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	1	V	269	F	81	0	no	BCP, OS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	2	U	270	F	82	0	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	2	U	271	F	81	0	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	2	U	272	F	72	0	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	2	U	273	F	78	3	no	OS, BCP
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	2	U	274	F	88	0	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	2	U	275	F	81	0	no	OS, BCP
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	2	U	276	F	65	0	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	2	U	277	M	56	0	no	BCP, HS

Date	Area (east or west)	Latitude Begin	Longitude Begin	Latitude End	Longitude End	Trawl no.	Pot no.	Pot type (vented or unvented)	Sample #	Sex (m or f)	Carapace Length (mm)	External Disease (0-3 or "old")	V-notch (yes or no)	Comments
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	2	U	278	F	58	0	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	2	U	279	F	81	0	no	BCP, OS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	2	U	280	F	57	0	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	2	U	281	F	80	0	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	3	V	282	F	87	3	yes	OS, BCP, V-notch
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	4	U	283	F	88	3	yes	OS, V-notch, BCP
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	4	U	284	F	76	1	no	OS, BCP
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	4	U	285	F	81	0	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	4	U	286	F	80	2	no	OS, BCP
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	4	U	287	F	74	0	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	4	U	288	F	80	1	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	4	U	289	F	76	0	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	4	U	290	M	72	0	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	4	U	291	F	54	0	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	4	U	292	F	79	1	no	BCP, OS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	4	U	293	M	64	0	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	4	U	294	M	68	0	no	BCP, OS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	4	U	295	F	77	0	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	4	U	296	F	85	0	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	4	U	297	F	78	1	no	OS, BCP
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	4	U	298	F	84	0	yes	V-notch, OS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	4	U	299	M	67	0	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	4	U	300	F	77	1	no	OS, BCP
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	6	U	301	F	87	0	no	OS, BCP
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	6	U	302	F	74	0	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	6	U	303	F	83	0	no	BCP, OS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	6	U	304	F	81	0	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	6	U	305	F	78	1	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	6	U	306	F	70	0	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	6	U	307	M	82	0	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	6	U	308	F	80	0	no	BCP, HS
8-Aug-03	E	41°16.685	71°08.141	41°16.761	71°08.077	9	6	U	309	M	81	1	no	NS, BCP
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	310	F	81	0	no	BCP, OS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	311	M	80	0	no	BCP, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	312	F	70	0	no	BCP, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	313	F	81	3	no	OS< BCP
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	314	F	78	0	no	BCP, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	315	M	67	0	no	BCP, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	316	F	80	1	no	OS, BCP
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	317	F	68	0	no	BCP, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	318	F	78	0	no	BCP, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	319	F	75	0	no	BCP, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	320	M	66	0	no	BCP, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	321	M	79	0	no	BCP, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	322	F	71	OLD	no	OS, BCP
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	323	F	81	2	no	OS, BCP

Date	Area (east or west)	Latitude Begin	Longitude Begin	Latitude End	Longitude End	Trawl no.	Pot no.	Pot type (vented or unvented)	Sample #	Sex (m or f)	Carapace Length (mm)	External Disease (0-3 or "old")	V-notch (yes or no)	Comments
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	324	F	69	0	no	BCP, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	325	M	76	0	no	BCP, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	326	F	80	2	no	OS, BCP
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	327	F	84	0	no	OS, BCP
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	328	F	70	0	no	SC/RC, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	329	F	84	2	no	OS, BCP
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	330	F	84	0	no	SC/RC, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	331	F	83	0	no	BCP, OS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	1	U	332	F	80	0	no	OS, BCP
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	3	U	333	F	81	OLD	no	OS, BCP
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	3	U	334	F	88	2	yes	OS, V-notch, BCP
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	3	U	335	F	83	2	no	OS, BCP
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	3	U	336	M	76	0	no	BCP, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	3	U	337	F	82	1	no	OS, BCP
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	3	U	338	F	82	2	no	OS, BCP
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	3	U	339	F	75	0	no	BCP, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	3	U	340	F	78	3	no	BCP, OS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	5	U	341	F	76	OLD	no	BCP, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	5	U	342	F	74	0	no	BCP, OS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	5	U	343	F	74	0	no	OS, BCP
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	5	U	344	F	77	0	no	BCP, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	5	U	345	F	71	0	no	BCP, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	5	U	346	M	63	2	no	BCP, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	5	U	347	F	82	2	no	OS, BCP
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	5	U	348	M	69	0	no	BCP, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	5	U	349	F	68	0	no	BCP, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	5	U	350	F	79	0	no	BCP, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	5	U	351	F	68	0	no	BCP, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	5	U	352	F	59	0	no	BCP, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	6	V	353	F	86	0	no	SC/LC, HS
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	6	V	354	F	88	1	yes	OS, V-notch, BCP
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	6	V	355	F	81	0	no	OS, BCP
8-Aug-03	E	41°16.280	71°08.410	41°16.367	71°08.369	8	6	V	356	M	73	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	1	U	357	F	88	0	no	OS, BCP
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	1	U	358	F	81	3	no	OS, BCP
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	1	U	359	F	83	0	no	OS, BCP
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	1	U	360	F	82	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	1	U	361	F	78	1	no	OS, B/RC
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	1	U	362	M	66	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	1	U	363	F	80	OLD	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	1	U	364	F	85	1	yes	V-notch, OS, BCP
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	1	U	365	F	79	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	1	U	366	M	73	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	1	U	367	F	64	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	1	U	368	F	77	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	1	U	369	F	78	0	no	BCP, HS

Date	Area (east or west)	Latitude Begin	Longitude Begin	Latitude End	Longitude End	Trawl no.	Pot no.	Pot type (vented or unvented)	Sample #	Sex (m or f)	Carapace Length (mm)	External Disease (0-3 or "old")	V-notch (yes or no)	Comments
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	1	U	370	F	66	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	1	U	371	F	71	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	1	U	372	F	64	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	2	V	373	F	92	3	yes	OS, V-notch, BCP
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	2	V	374	F	89	0	no	BCP, OS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	2	V	375	F	83	1	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	2	V	376	F	94	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	2	V	377	F	85	2	no	OS, BCP
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	3	U	378	F	81	OLD	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	3	U	379	M	77	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	3	U	380	F	74	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	3	U	381	F	75	0	no	SC/RC, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	3	U	382	F	87	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	3	U	383	M	73	0	no	SC/RC, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	3	U	384	F	70	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	3	U	385	F	83	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	3	U	386	F	67	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	3	U	387	F	73	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	3	U	388	F	80	1	no	OS, BCP
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	3	U	389	F	79	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	3	U	390	M	74	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	3	U	391	F	59	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	3	U	392	F	65	0	no	BCP, OS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	4	V	393	F	89	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	4	V	394	F	85	0	no	BCP, OS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	4	V	395	F	77	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	4	V	396	F	87	0	no	SC/LC, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	5	U	397	F	83	3	no	OS, BCP
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	5	U	398	F	78	3	no	OS, BCP
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	5	U	399	F	84	3	yes	OS, V-notch, BCP
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	5	U	400	F	85	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	5	U	401	F	77	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	5	U	402	F	78	3	no	OS, BCP
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	5	U	403	F	83	1	yes	V-notch, OS, BCP
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	5	U	404	F	80	1	no	BCP, OS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	5	U	405	M	80	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	5	U	406	F	81	2	no	OS, BCP
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	5	U	407	F	79	2	no	OS, BCP
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	5	U	408	F	75	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	5	U	409	M	63	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	5	U	410	F	61	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	5	U	411	F	72	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	5	U	412	F	93	0	yes	V-notch, BCP, OS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	5	U	413	F	79	2	no	OS, BCP
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	6	V	414	F	86	0	no	BCP, HS
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	6	V	415	F	82	0	yes	OS, V-notch, BCP

Date	Area (east or west)	Latitude Begin	Longitude Begin	Latitude End	Longitude End	Trawl no.	Pot no.	Pot type (vented or unvented)	Sample #	Sex (m or f)	Carapace Length (mm)	External Disease (0-3 or "old")	V-notch (yes or no)	Comments
8-Aug-03	E	41°15.854	71°08.746	41°15.940	71°08.694	7	6	V	416	F	85	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	1	V	417	F	86	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	1	V	418	F	82	2	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	1	V	419	M	88	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	1	V	420	M	88	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	1	V	421	F	81	2	no	OS, BCP
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	2	U	422	M	76	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	2	U	423	F	86	2	yes	OS< BCP, V-notch
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	2	U	424	F	82	0	yes	V-notch, BCP, OS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	2	U	425	M	70	0	no	SC/LC, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	2	U	426	M	58	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	2	U	427	F	76	0	no	SC/RC, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	2	U	428	F	75	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	2	U	429	F	77	0	no	BCP, OS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	2	U	430	F	65	0	no	BCP, OS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	2	U	431	F	78	2	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	2	U	432	F	78	2	no	OS, BCP
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	3	V	433	F	85	0	no	BCP, OS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	3	V	434	F	83	0	no	BCP, OS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	3	V	435	F	83	2	no	OS, SC/LC
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	3	V	436	F	82	3	no	OS, BCP
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	3	V	437	F	85	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	3	V	438	F	60	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	3	V	439	M	86	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	3	V	440	F	89	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	4	U	441	F	76	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	4	U	442	F	77	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	4	U	443	F	83	0	no	SC/LC, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	4	U	444	F	81	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	4	U	445	M	66	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	4	U	446	M	73	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	4	U	447	F	72	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	4	U	448	F	80	2	no	BCP, OS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	4	U	449	F	83	1	no	OS, BCP
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	4	U	450	M	67	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	4	U	451	F	71	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	4	U	452	F	73	0	no	OS, BCP
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	4	U	453	F	75	0	no	SC/LC, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	4	U	454	M	68	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	5	V	455	F	87	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	5	V	456	F	88	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	5	V	457	F	80	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	6	U	458	F	82	2	no	OS, BCP
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	6	U	459	F	75	3	no	OS, BCP
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	6	U	460	F	92	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	6	U	461	M	74	0	no	OS, BCP

Date	Area (east or west)	Latitude Begin	Longitude Begin	Latitude End	Longitude End	Trawl no.	Pot no.	Pot type (vented or unvented)	Sample #	Sex (m or f)	Carapace Length (mm)	External Disease (0-3 or "old")	V-notch (yes or no)	Comments
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	6	U	462	F	79	1	no	OS, BCP
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	6	U	463	F	55	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	6	U	464	M	68	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	6	U	465	F	68	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	6	U	466	F	75	3	no	OS, BCP
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	6	U	467	M	83	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	6	U	468	F	73	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	6	U	469	F	75	0	no	OS, BCP
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	6	U	470	F	69	0	no	BCP, HS
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	6	U	471	F	77	1	no	OS, BCP
8-Aug-03	E	41°16.364	71°08.904	41°16.445	71°08.854	6	6	U	472	F	86	0	yes	V-notch, OS, BCP
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	1	U	473	F	79	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	1	U	474	F	82	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	1	U	475	F	82	1	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	1	U	476	M	70	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	1	U	477	F	81	2	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	1	U	478	F	80	1	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	1	U	479	F	54	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	1	U	480	F	73	1	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	1	U	481	M	60	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	1	U	482	M	55	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	1	U	483	F	74	2	no	BCP, OS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	1	U	484	F	60	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	1	U	485	F	78	0	no	CD, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	1	U	486	M	75	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	1	U	487	M	59	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	1	U	488	F	71	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	1	U	489	M	67	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	3	U	490	F	68	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	3	U	491	F	76	1	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	3	U	492	M	73	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	3	U	493	M	65	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	3	U	494	F	79	1	no	BCP, OS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	3	U	495	M	69	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	3	U	496	F	67	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	3	U	497	F	81	1	no	BCP, OS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	3	U	498	F	81	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	3	U	499	M	70	0	no	SC/LC, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	3	U	500	F	70	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	3	U	501	F	78	0	no	BCP, OS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	3	U	502	F	78	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	4	V	503	F	94	1	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	5	U	504	F	87	0	yes	V-notch, BCP
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	5	U	505	F	80	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	5	U	506	M	76	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	5	U	507	F	60	0	no	BCP, HS

Date	Area (east or west)	Latitude Begin	Longitude Begin	Latitude End	Longitude End	Trawl no.	Pot no.	Pot type (vented or unvented)	Sample #	Sex (m or f)	Carapace Length (mm)	External Disease (0-3 or "old")	V-notch (yes or no)	Comments
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	5	U	508	F	74	0	no	SC/LC, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	5	U	509	M	70	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	5	U	510	F	89	0	yes	V-NOTCH, BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	5	U	511	F	85	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	5	U	512	M	68	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	5	U	513	M	68	1	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	5	U	514	M	60	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	5	U	515	F	73	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	5	U	516	M	71	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	5	U	517	M	60	0	no	BCP, HS
11-Aug-03	E	41°16.903	71°07.538	41°16.978	71°07.505	11	6	V	518	F	82	1	no	OS, BCP
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	1	V	519	F	89	0	no	SC/LC, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	1	V	520	F	83	0	no	SC/RC, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	1	V	521	F	85	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	2	U	522	F	84	0	no	HS, BCP
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	2	U	523	M	69	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	2	U	524	F	76	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	2	U	525	F	78	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	2	U	526	M	72	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	2	U	527	F	85	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	2	U	528	F	69	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	2	U	529	F	82	0	no	OS, BCP
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	2	U	530	F	76	0	no	HS, BCP
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	2	U	531	M	76	0	no	HS, BCP
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	2	U	532	M	73	0	no	HS, BCP
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	2	U	533	F	75	0	no	HS, BCP
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	3	V	534	M	74	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	3	V	535	F	82	2	no	OS, BCP
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	4	U	536	F	63	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	4	U	537	F	73	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	4	U	538	F	85	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	4	U	539	M	70	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	4	U	540	M	85	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	4	U	541	M	75	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	4	U	542	F	70	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	4	U	543	F	72	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	4	U	545	F	59	0	no	OS, BCP
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	4	U	546	F	63	0	no	HS, BCP
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	4	U	547	F	80	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	4	U	548	M	78	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	4	U	549	F	84	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	4	U	550	M	75	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	4	U	551	F	60	0	no	SC/RC, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	4	U	552	F	75	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	4	U	553	M	57	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	5	V	554	F	88	0	no	BCP, HS

Date	Area (east or west)	Latitude Begin	Longitude Begin	Latitude End	Longitude End	Trawl no.	Pot no.	Pot type (vented or unvented)	Sample #	Sex (m or f)	Carapace Length (mm)	External Disease (0-3 or "old")	V-notch (yes or no)	Comments
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	5	V	555	F	83	1	yes	V-NOTCH, BCP, OS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	5	V	556	F	85	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	5	V	557	F	89	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	5	V	558	F	85	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	6	U	559	F	88	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	6	U	560	F	78	1	no	BCP, OS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	6	U	561	M	84	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	6	U	562	F	80	0	no	BCP, OS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	6	U	563	F	78	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	6	U	564	M	71	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	6	U	565	F	74	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	6	U	566	M	72	0	no	BCP, HS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	6	U	567	M	80	1	no	SC/RC, OS
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	6	U	568	F	84	0	no	HS, BCP
11-Aug-03	E	41°16.676	71°07.008	41°16.594	71°07.096	12	6	U	569	F	73	0	no	HS, BCP
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	1	V	570	F	88	0	no	HS, BCP
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	1	V	571	F	90	0	yes	V-NOTCH, HS, BCP
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	1	V	572	F	90	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	2	U	573	F	74	1	no	BCP, OS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	3	V	574	F	92	0	yes	V-NOTCH, BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	3	V	575	F	74	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	3	V	576	F	92	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	3	V	577	M	72	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	3	V	578	F	57	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	3	V	579	F	75	1	no	BCP, OS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	3	V	580	F	55	0	no	BCP, OS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	3	V	581	F	74	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	3	V	582	F	68	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	583	F	84	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	584	M	73	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	585	F	51	1	no	OS, BCP
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	586	F	71	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	587	F	74	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	588	M	84	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	589	M	72	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	590	F	81	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	591	M	62	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	592	F	61	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	593	F	79	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	594	M	70	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	595	M	69	OLD	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	596	F	65	0	no	RC/SC, OS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	597	M	78	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	598	F	63	0	no	SC/RC, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	599	M	66	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	600	F	69	0	no	BCP, OS

Date	Area (east or west)	Latitude Begin	Longitude Begin	Latitude End	Longitude End	Trawl no.	Pot no.	Pot type (vented or unvented)	Sample #	Sex (m or f)	Carapace Length (mm)	External Disease (0-3 or "old")	V-notch (yes or no)	Comments
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	601	F	75	2	no	BCP, OS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	602	F	80	0	no	SC/LC, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	603	F	81	2	no	BCP, OS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	604	M	59	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	605	F	61	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	606	F	55	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	607	M	56	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	608	M	54	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	609	F	82	1	no	BCP, OS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	610	M	65	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	611	M	65	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	612	M	76	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	613	F	71	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	4	U	614	F	61	0	no	SC/RC, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	5	V	615	F	82	0	yes	BCP, V-NOTCH
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	5	V	616	M	65	0	no	BCP, OS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	6	U	617	F	82	2	no	BCP, OS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	6	U	618	F	75	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	6	U	619	M	68	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	6	U	620	F	64	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	6	U	621	F	67	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	6	U	622	F	77	0	no	SC/LC, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	6	U	623	F	76	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	6	U	624	F	92	0	yes	V-NOTCH, BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	6	U	625	F	84	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	6	U	626	F	82	1	no	SC/RC, OS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	6	U	627	F	78	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	6	U	628	F	75	2	no	BCP, OS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	6	U	629	F	70	3	no	BCP, OS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	6	U	630	F	81	OLD	no	BCP, OS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	6	U	631	F	59	0	no	SC/RC, OS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	6	U	632	F	67	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	6	U	633	F	80	0	no	BCP, HS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	6	U	634	F	76	1	no	GGE, BCP, OS
11-Aug-03	E	41°16.971	71°06.725	41°17.066	71°06.696	13	6	U	635	F	71	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	1	U	636	F	80	3	no	OS, BCP
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	1	U	637	F	81	0	no	SC/LC, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	1	U	638	M	79	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	1	U	639	M	75	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	1	U	640	M	74	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	1	U	641	F	63	0	no	BCP, OS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	1	U	642	F	76	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	1	U	643	M	77	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	1	U	644	F	67	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	1	U	645	F	84	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	1	U	646	M	74	0	no	BCP, HS

Date	Area (east or west)	Latitude Begin	Longitude Begin	Latitude End	Longitude End	Trawl no.	Pot no.	Pot type (vented or unvented)	Sample #	Sex (m or f)	Carapace Length (mm)	External Disease (0-3 or "old")	V-notch (yes or no)	Comments
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	1	U	647	F	74	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	1	U	648	F	84	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	1	U	649	F	68	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	1	U	650	F	66	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	1	U	651	F	77	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	1	U	652	F	84	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	1	U	653	F	70	OLD	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	2	V	654	F	91	0	yes	V-NOTCH, BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	2	V	655	F	82	0	no	BCP, OS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	2	V	656	F	85	0	no	BCP, OS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	2	V	657	F	88	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	2	V	658	F	83	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	2	V	659	F	82	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	2	V	660	F	86	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	2	V	661	F	84	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	3	U	662	F	71	OLD	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	3	U	663	F	66	OLD	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	3	U	664	F	81	0	no	BCP, OS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	4	V	665	M	94	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	4	V	666	F	85	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	4	V	667	F	87	0	yes	V-NOTCH, BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	4	V	668	F	87	1	yes	V-NOTCH, BCP, OS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	4	V	669	F	83	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	4	V	670	F	92	0	yes	V-NOTCH, BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	5	U	671	F	80	3	no	OS, BCP
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	5	U	672	F	82	3	no	BCP, OS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	5	U	673	F	80	1	no	BCP, OS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	5	U	674	M	79	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	5	U	675	M	69	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	5	U	676	F	70	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	5	U	677	F	70	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	5	U	678	F	86	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	5	U	679	F	86	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	5	U	680	M	78	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	5	U	681	M	70	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	5	U	682	M	72	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	5	U	683	M	87	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	5	U	684	F	68	2	no	BCP, OS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	5	U	685	M	78	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	5	U	686	M	78	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	5	U	687	M	76	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	6	V	688	M	89	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	6	V	689	M	78	0	no	BCP, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	6	V	690	F	90	0	yes	B/LC, SC/RC, V-NOTCH, HS
11-Aug-03	E	41°16.896	71°06.312	41°16.992	71°06.287	14	6	V	691	M	83	0	no	BCP, HS

Date	Area (east or west)	Latitude Begin	Longitude Begin	Latitude End	Longitude End	Trawl no.	Pot no.	Pot type (vented or unvented)	Sample #	Sex (m or f)	Carapace Length (mm)	External Disease (0-3 or "old")	V-notch (yes or no)	Comments
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	692	F	80	1	no	BCP, OS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	693	M	84	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	694	F	83	2	yes	V-NOTCH, OS, BCP
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	695	F	79	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	696	F	78	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	697	F	80	2	no	BCP, OS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	698	F	70	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	699	M	75	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	700	F	84	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	701	F	85	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	702	F	68	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	703	M	71	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	704	F	74	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	705	F	79	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	706	F	72	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	707	M	71	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	708	M	74	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	709	M	62	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	710	M	67	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	711	F	69	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	712	F	79	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	713	M	70	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	714	F	73	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	715	F	88	1	no	BCP, OS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	716	F	90	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	717	M	79	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	1	U	718	M	60	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	2	V	719	F	84	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	2	V	720	F	86	0	yes	V-NOTCH, BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	2	V	721	M	87	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	2	V	722	F	85	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	2	V	723	F	88	1	no	BCP, OS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	2	V	724	F	82	1	no	BCP, OS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	2	V	725	F	80	1	no	OS, BCP
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	2	V	726	F	84	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	727	F	88	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	728	F	92	0	yes	V-NOTCH, BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	729	F	77	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	730	F	86	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	731	F	86	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	732	F	85	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	733	F	64	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	734	M	80	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	735	F	74	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	736	F	82	3	no	OS, BCP
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	737	F	77	0	no	BCP, HS

Date	Area (east or west)	Latitude Begin	Longitude Begin	Latitude End	Longitude End	Trawl no.	Pot no.	Pot type (vented or unvented)	Sample #	Sex (m or f)	Carapace Length (mm)	External Disease (0-3 or "old")	V-notch (yes or no)	Comments
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	738	M	79	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	739	F	78	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	740	F	78	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	741	F	75	0	no	BCP, OS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	742	F	75	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	743	F	70	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	744	M	73	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	745	F	72	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	746	M	77	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	747	F	75	0	no	BCP, OS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	748	M	74	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	749	M	67	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	750	F	71	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	751	M	63	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	752	F	72	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	3	U	753	M	60	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	4	V	754	F	83	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	4	V	755	F	83	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	4	V	756	F	88	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	4	V	757	F	77	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	4	V	758	M	85	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	4	V	759	F	70	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	5	U	760	M	75	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	5	U	761	M	77	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	5	U	762	M	70	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	5	U	763	M	76	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	5	U	764	M	72	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	5	U	765	M	85	0	no	SC/RC, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	5	U	766	F	82	1	no	OS, BCP
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	5	U	767	M	83	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	5	U	768	M	80	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	5	U	769	F	67	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	5	U	770	F	74	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	5	U	771	F	62	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	5	U	772	F	72	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	5	U	773	M	67	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	5	U	774	F	70	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	5	U	775	F	64	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	6	V	776	F	86	0	yes	V-NOTCH, BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	6	V	777	M	90	0	no	BCP, HS
11-Aug-03	E	41°17.188	71°05.898	41°17.285	71°05.864	15	6	V	778	F	80	0	no	BCP, HS
11-Aug-03	E	41°13.494	71°23.683	41°13.595	71°23.644	5	1	V	779	F	93	3	no	GGE, B/RC, OS
11-Aug-03	W	41°13.494	71°23.683	41°13.595	71°23.644	5	1	V	780	M	83	0	no	BCP, HS
11-Aug-03	W	41°13.494	71°23.683	41°13.595	71°23.644	5	2	U	781	M	72	0	no	SC/RC, HS
11-Aug-03	W	41°13.494	71°23.683	41°13.595	71°23.644	5	2	U	782	M	71	0	no	HS, BCP
11-Aug-03	W	41°13.494	71°23.683	41°13.595	71°23.644	5	2	U	783	F	80	2	no	BCP, OS

Date	Area (east or west)	Latitude Begin	Longitude Begin	Latitude End	Longitude End	Trawl no.	Pot no.	Pot type (vented or unvented)	Sample #	Sex (m or f)	Carapace Length (mm)	External Disease (0-3 or "old")	V-notch (yes or no)	Comments
11-Aug-03	W	41°13.494	71°23.683	41°13.595	71°23.644	5	2	U	784	M	69	0	no	BCP, HS
11-Aug-03	W	41°13.494	71°23.683	41°13.595	71°23.644	5	2	U	785	F	80	3	no	OS, BCP
11-Aug-03	W	41°13.494	71°23.683	41°13.595	71°23.644	5	2	U	786	M	58	0	no	BCP, HS
11-Aug-03	W	41°13.494	71°23.683	41°13.595	71°23.644	5	3	V	787	F	83	1	no	BCP, OS
11-Aug-03	W	41°13.494	71°23.683	41°13.595	71°23.644	5	3	V	788	F	83	0	no	HS, BCP
11-Aug-03	W	41°13.494	71°23.683	41°13.595	71°23.644	5	3	V	789	F	85	0	no	BCP, HS
11-Aug-03	W	41°13.494	71°23.683	41°13.595	71°23.644	5	3	V	790	F	63	0	no	BCP, HS
11-Aug-03	W	41°13.494	71°23.683	41°13.595	71°23.644	5	4	U	791	M	62	0	no	HS, BCP
11-Aug-03	W	41°13.494	71°23.683	41°13.595	71°23.644	5	4	U	792	M	77	0	no	SC/RC, HS
11-Aug-03	W	41°13.494	71°23.683	41°13.595	71°23.644	5	4	U	793	F	81	3	no	OS, BCP
11-Aug-03	W	41°13.494	71°23.683	41°13.595	71°23.644	5	4	U	794	M	72	0	no	HS, BCP
11-Aug-03	W	41°13.494	71°23.683	41°13.595	71°23.644	5	5	V	795	F	83	1	yes	OS, V-NOTCH, BCP
11-Aug-03	W	41°13.494	71°23.683	41°13.595	71°23.644	5	6	U	796	M	67	0	no	BCP, HS
11-Aug-03	W	41°13.494	71°23.683	41°13.595	71°23.644	5	6	U	797	M	77	0	no	BCP, HS
11-Aug-03	W	41°13.494	71°23.683	41°13.595	71°23.644	5	6	U	798	M	61	0	no	BCP, HS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	1	U	799	F	71	0	no	BCP, HS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	1	U	800	F	87	2	yes	V-NOTCH, OS, BCP
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	1	U	801	F	88	2	yes	V-NOTCH, OS, BCP
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	1	U	802	F	73	1	no	BCP, OS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	1	U	803	F	78	2	no	BCP, OS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	1	U	804	F	73	1	no	BCP, OS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	1	U	805	F	76	1	no	BCP, OS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	1	U	806	F	82	1	no	BCP, OS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	1	U	807	M	60	0	no	SC/LC, HS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	1	U	808	M	65	0	no	BCP, HS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	1	U	809	M	73	0	no	BCP, OS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	1	U	810	F	77	0	no	BCP, HS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	1	U	811	F	81	2	no	BCP, OS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	1	U	812	F	78	2	no	BCP, OS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	2	V	813	F	89	2	no	BCP, OS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	3	U	814	F	74	0	no	BCP, HS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	3	U	815	F	81	0	no	BCP, HS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	3	U	816	F	70	0	no	BCP, HS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	3	U	817	M	73	0	no	BCP, HS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	3	U	818	M	67	0	no	BCP, HS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	3	U	819	F	78	3	no	OS, BCP
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	3	U	820	F	78	3	no	BCP, OS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	3	U	821	M	70	0	no	BCP, HS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	5	U	822	M	76	0	no	BCP, HS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	5	U	823	F	76	0	no	BCP, HS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	5	U	824	M	74	0	no	BCP, HS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	5	U	825	F	73	0	no	BCP, HS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	5	U	826	M	63	OLD	no	BCP, HS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	5	U	827	F	79	3	no	BCP, OS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	5	U	828	F	79	0	no	BCP, HS
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	5	U	829	M	65	0	no	BCP, HS

Date	Area (east or west)	Latitude Begin	Longitude Begin	Latitude End	Longitude End	Trawl no.	Pot no.	Pot type (vented or unvented)	Sample #	Sex (m or f)	Carapace Length (mm)	External Disease (0-3 or "old")	V-notch (yes or no)	Comments
11-Aug-03	W	41°13.989	71°23.706	41°14.079	71°23.691	4	5	U	830	F	79	3	no	BCP, OS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	1	U	831	M	75	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	1	U	832	F	60	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	1	U	833	F	100	2	yes	V-NOTCH, OS, BCP
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	1	U	834	M	73	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	1	U	835	F	78	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	1	U	836	F	81	2	no	BCP, OS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	1	U	837	M	71	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	1	U	838	M	70	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	1	U	839	F	75	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	1	U	840	F	74	0	no	SC/RC, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	1	U	841	F	69	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	1	U	842	F	78	1	no	BCP, OS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	1	U	843	F	84	OLD	no	OS, BCP
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	1	U	844	M	73	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	1	U	845	M	73	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	1	U	846	M	72	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	1	U	847	M	71	0	no	SC/LC, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	1	U	848	M	64	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	1	U	849	F	74	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	1	U	850	F	65	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	1	U	850a	F	65	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	2	V	851	M	71	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	3	U	852	F	83	2	no	BCP, OS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	3	U	853	F	78	1	no	BCP, OS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	3	U	854	F	76	1	no	BCP, OS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	3	U	855	F	73	1	no	BCP, OS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	3	U	856	F	78	2	no	BCP, OS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	3	U	857	F	73	0	no	SC/RC, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	3	U	858	F	74	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	3	U	859	F	73	0	no	SC/RC, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	4	V	860	F	81	2	no	OS, BCP
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	4	V	861	F	81	1	no	BCP, OS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	5	U	862	M	88	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	5	U	863	F	80	3	no	BCP, OS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	5	U	864	F	76	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	5	U	865	M	66	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	5	U	866	F	82	3	yes	V-NOTCH, BCP, OS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	5	U	867	F	82	2	no	GGE, BCP, OS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	5	U	868	M	73	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	5	U	869	M	78	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	5	U	870	M	76	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	5	U	871	F	73	1	no	BCP, OS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	5	U	872	F	66	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	5	U	873	M	56	0	no	BCP, HS
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	6	V	874	M	72	0	no	BCP, HS

Date	Area (east or west)	Latitude Begin	Longitude Begin	Latitude End	Longitude End	Trawl no.	Pot no.	Pot type (vented or unvented)	Sample #	Sex (m or f)	Carapace Length (mm)	External Disease (0-3 or "old")	V-notch (yes or no)	Comments
11-Aug-03	W	41°14.453	71°23.660	41°14.547	71°23.653	3	6	V	875	F	85	0	yes	V-NOTCH, BCP, OS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	1	V	876	M	87	0	no	HS, BCP
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	1	V	877	M	84	0	no	NS, BCP
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	1	V	878	F	85	0	yes	V-NOTCH, BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	1	V	879	F	91	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	1	V	880	F	84	2	no	SC/RC, OS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	1	V	881	F	87	0	yes	V-NOTCH, BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	1	V	882	F	82	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	2	U	883	M	79	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	2	U	884	M	82	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	2	U	885	F	89	2	no	BCP, OS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	2	U	886	F	77	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	2	U	887	F	75	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	2	U	888	F	90	3	yes	V-NOTCH, BCP, OS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	2	U	889	F	79	3	no	BCP, OS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	2	U	890	F	76	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	2	U	891	F	66	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	2	U	892	F	70	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	2	U	893	F	73	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	2	U	894	M	70	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	2	U	895	F	80	3	no	BCP, OS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	2	U	896	F	66	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	2	U	897	F	61	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	2	U	898	M	62	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	3	V	899	F	80	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	3	V	900	F	83	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	3	V	901	F	84	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	3	V	902	F	92	0	yes	V-NOTCH, BCP, OS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	3	V	903	F	84	0	no	BCP, OS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	3	V	904	F	81	1	no	BCP, OS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	3	V	905	F	82	1	no	BCP, OS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	4	U	906	M	67	0	no	SC/RC, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	4	U	907	F	78	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	4	U	908	F	86	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	4	U	909	F	84	1	no	BCP, OS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	4	U	910	M	60	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	4	U	911	F	77	2	no	BCP, OS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	4	U	912	M	84	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	4	U	913	F	54	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	4	U	914	F	73	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	4	U	915	F	67	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	4	U	916	M	69	0	no	SC/LC, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	4	U	917	F	66	0	no	SC/RC, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	6	U	918	F	82	3	no	BCP, OS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	6	U	919	F	78	2	no	GE, OS, SC/LC
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	6	U	920	F	65	0	no	BCP, HS

Date	Area (east or west)	Latitude Begin	Longitude Begin	Latitude End	Longitude End	Trawl no.	Pot no.	Pot type (vented or unvented)	Sample #	Sex (m or f)	Carapace Length (mm)	External Disease (0-3 or "old")	V-notch (yes or no)	Comments
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	6	U	921	F	84	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	6	U	922	F	72	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	6	U	923	M	71	0	no	BCP, HS
11-Aug-03	W	41°14.595	71°23.254	41°14.685	71°23.215	2	6	U	924	M	72	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	1	U	925	M	78	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	1	U	926	F	85	0	yes	V-NOTCH, OS, BCP
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	1	U	927	F	76	0	no	
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	1	U	928	F	81	2	no	BCP, OS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	1	U	929	F	68	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	1	U	930	M	86	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	1	U	931	F	81	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	1	U	932	F	67	1	no	BCP, OS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	1	U	933	M	80	0	no	SC/LC, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	1	U	934	F	82	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	1	U	935	M	80	OLD	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	1	U	936	M	55	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	1	U	937	F	76	0	no	SC/RC, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	1	U	938	F	81	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	1	U	939	F	71	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	1	U	940	M	78	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	1	U	941	F	71	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	2	V	942	F	79	3	no	BCP, OS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	2	V	943	F	87	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	2	V	944	F	85	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	3	U	945	F	80	2	no	BCP, OS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	3	U	946	M	74	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	3	U	947	M	72	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	3	U	948	F	86	0	yes	V-NOTCH, BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	3	U	949	M	76	0	no	
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	3	U	950	M	69	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	3	U	951	F	68	1	no	BCP, OS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	3	U	952	F	58	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	3	U	953	F	79	1	no	SC/LC, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	3	V	954	F	88	0	no	BCP, OS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	4	V	955	F	83	3	no	OS, BCP
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	4	V	956	M	72	0	no	BCP, OS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	4	V	957	M	57	0	no	BCP, OS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	4	V	958	M	65	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	5	U	959	M	60	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	5	U	960	F	81	2	no	BCP, OS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	5	U	961	F	80	3	no	GGE, BCP, OS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	5	U	962	F	79	1	no	
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	5	U	963	M	82	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	5	U	964	F	85	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	5	U	965	M	65	0	no	BCP, OS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	5	U	966	F	83	1	no	OS, BCP

Date	Area (east or west)	Latitude Begin	Longitude Begin	Latitude End	Longitude End	Trawl no.	Pot no.	Pot type (vented or unvented)	Sample #	Sex (m or f)	Carapace Length (mm)	External Disease (0-3 or "old")	V-notch (yes or no)	Comments
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	5	U	967	M	64	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	5	U	968	M	72	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	5	U	969	M	78	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	5	U	970	F	58	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	5	U	971	F	81	2	no	BCP, OS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	5	U	972	M	73	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	5	U	973	M	76	0	no	BCP, HS
11-Aug-03	W	41°14.469	71°22.910	41°14.564	71°22.866	1	5	U	974	F	83	0	no	BCP, HS

APPENDIX B

Summary Data by Lobster Pot

Area	Trawl no.	Pot no.	Pot type	Total no. lobsters
E	1	1	Un-vented	4
E	1	2	Vented	4
E	1	3	Un-vented	5
E	1	4	Vented	0
E	1	5	Un-vented	12
E	1	6	Vented	3
E	2	1	Un-vented	15
E	2	2	Vented	5
E	2	3	Un-vented	10
E	2	4	Vented	2
E	2	5	Un-vented	14
E	2	6	Vented	5
E	3	1	Vented	4
E	3	2	Un-vented	13
E	3	3	Vented	6
E	3	4	Un-vented	3
E	3	5	Vented	4
E	3	6	Un-vented	12
E	4	1	Un-vented	10
E	4	2	Vented	4
E	4	3	Un-vented	3
E	4	4	Vented	2
E	4	5	Un-vented	11
E	4	6	Vented	2
E	5	1	Un-vented	18
E	5	2	Vented	7
E	5	3	Un-vented	8
E	5	4	Vented	4
E	5	5	Un-vented	12
E	5	6	Vented	5
E	6	1	Vented	5
E	6	2	Un-vented	11
E	6	3	Vented	8
E	6	4	Un-vented	14
E	6	5	Vented	3
E	6	6	Un-vented	15
E	7	1	Un-vented	16
E	7	2	Vented	5
E	7	3	Un-vented	15
E	7	4	Vented	4
E	7	5	Un-vented	17
E	7	6	Vented	3
E	8	1	Un-vented	23
E	8	2	Vented	0
E	8	3	Un-vented	8
E	8	4	Vented	0
E	8	5	Un-vented	12
E	8	6	Vented	4

Area	Trawl no.	Pot no.	Pot type	Total no. lobsters
E	9	1	Vented	2
E	9	2	Un-vented	12
E	9	3	Vented	1
E	9	4	Un-vented	18
E	9	5	Vented	0
E	9	6	Un-vented	9
E	10	1	Un-vented	16
E	10	2	Vented	5
E	10	3	Un-vented	16
E	10	4	Vented	4
E	10	5	Un-vented	14
E	10	6	Vented	4
E	11	1	Un-vented	17
E	11	2	Vented	0
E	11	3	Un-vented	13
E	11	4	Vented	1
E	11	5	Un-vented	14
E	11	6	Vented	1
E	12	1	Vented	3
E	12	2	Un-vented	12
E	12	3	Vented	2
E	12	4	Un-vented	17
E	12	5	Vented	5
E	12	6	Un-vented	11
E	13	1	Vented	3
E	13	2	Un-vented	1
E	13	3	Vented	9
E	13	4	Un-vented	32
E	13	5	Vented	2
E	13	6	Un-vented	19
E	14	1	Un-vented	18
E	14	2	Vented	8
E	14	3	Un-vented	3
E	14	4	Vented	6
E	14	5	Un-vented	17
E	14	6	Vented	4
E	15	1	Un-vented	27
E	15	2	Vented	8
E	15	3	Un-vented	27
E	15	4	Vented	6
E	15	5	Un-vented	16
E	15	6	Vented	3
W	1	1	Un-vented	17
W	1	2	Vented	3
W	1	3	Un-vented	9
W	1	4	Vented	5
W	1	5	Un-vented	16
W	1	6	Vented	0

Area	Trawl no.	Pot no.	Pot type	Total no. lobsters
W	2	1	Vented	7
W	2	2	Un-vented	16
W	2	3	Vented	7
W	2	4	Un-vented	12
W	2	5	Vented	0
W	2	6	Un-vented	7
W	3	1	Un-vented	21
W	3	2	Vented	1
W	3	3	Un-vented	8
W	3	4	Vented	2
W	3	5	Un-vented	12
W	3	6	Vented	2
W	4	1	Un-vented	14
W	4	2	Vented	1
W	4	3	Un-vented	8
W	4	4	Vented	0
W	4	5	Un-vented	9
W	4	6	Vented	0
W	5	1	Vented	2
W	5	2	Un-vented	6
W	5	3	Vented	4
W	5	4	Un-vented	4
W	5	5	Vented	1
W	5	6	Un-vented	3