79-58

AGE AND GROWTH DATA FOR THE ATLANTIC COAST SEA SCALLOP, *Placopecten magellanicus*

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INTRODUCTION

The data contained in this document are the source for calculating growth rates of the sea scallop, *Placopecten magellanicus*, throughout its range. The main body of the data are 73 shell samples (Appendix I) collected and read by personnel of the Sea Scallop Investigation of the Woods Hole Laboratory of the Bureau of Commercial Fisheries, now the National Marine Fisheries Service. The volume of material makes it impractical to publish it formally so we have used this series to preserve the records if they should be needed by future investigators. Figures 1, 2, and 3 show the locations of the collections.

METHODS

The methods and procedures used to locate the annual rings have been described by Merrill, Posgay, and Nichy (1966). As the rings were located, their distance from the umbo along the greatest diameter of the shell from the umbo to the opposite margin was measured to the nearest millimeter. Records were kept on tally sheets and later transferred to computer cards. After auditing, the records were transferred to tape and the computer used to produce the tables shown in the Appendix. These give the mean size and

standard deviation at each ring for each year class present in the sample. For various reasons not all of the samples were on the computer tape. These were processed on a desk calculator and can be distinguished by the different typeface.

The locations given in the appendix and other tables refer to the "unit areas" used at the Northeast Fisheries Center to record the statistical data on catch and effort. The first four digits give the latitude and longitude, the fifth digit represents the 10 minute segment of longitude reading from west to east, the sixth digit represents the 10 minute segment of latitude reading from north to south. For instance, 367412 means that the sample was collected between $36^{o}40'$ and $36^{o}50'$ N and between $74^{o}50'$ and $75^{o}00'$ W. Table 1 is a summary of the data in the appendix tables. It gives the mean size at ring formation of rings number II to IX. It must be remembered that these do not represent age about which there is still some question. Our best estimate is that the first distinguishable ring, at about 20 mm, is formed in late spring of the second year of life.

In addition to our own samples, we were able to locate 20 samples, mostly from Canadian waters, read by other investigators. These are listed in Table 2 and shown on the figures as open circles.

ACKNOWLEDGEMENTS

Unfortunately, no records were kept of the individuals who read the shell samples. According to our best recollection, most of the samples were read by Philip Chase, Henry Jensen, Arthur Merrill, and Fred Nichy. Ralph Mayo and Paul Wood helped with computer processing. Dr. L.M. Dickie, now of the Marine Ecology Laboratory of the Bedford Institute of Oceanography, was extremely helpful in the early days when we were just beginning this study.

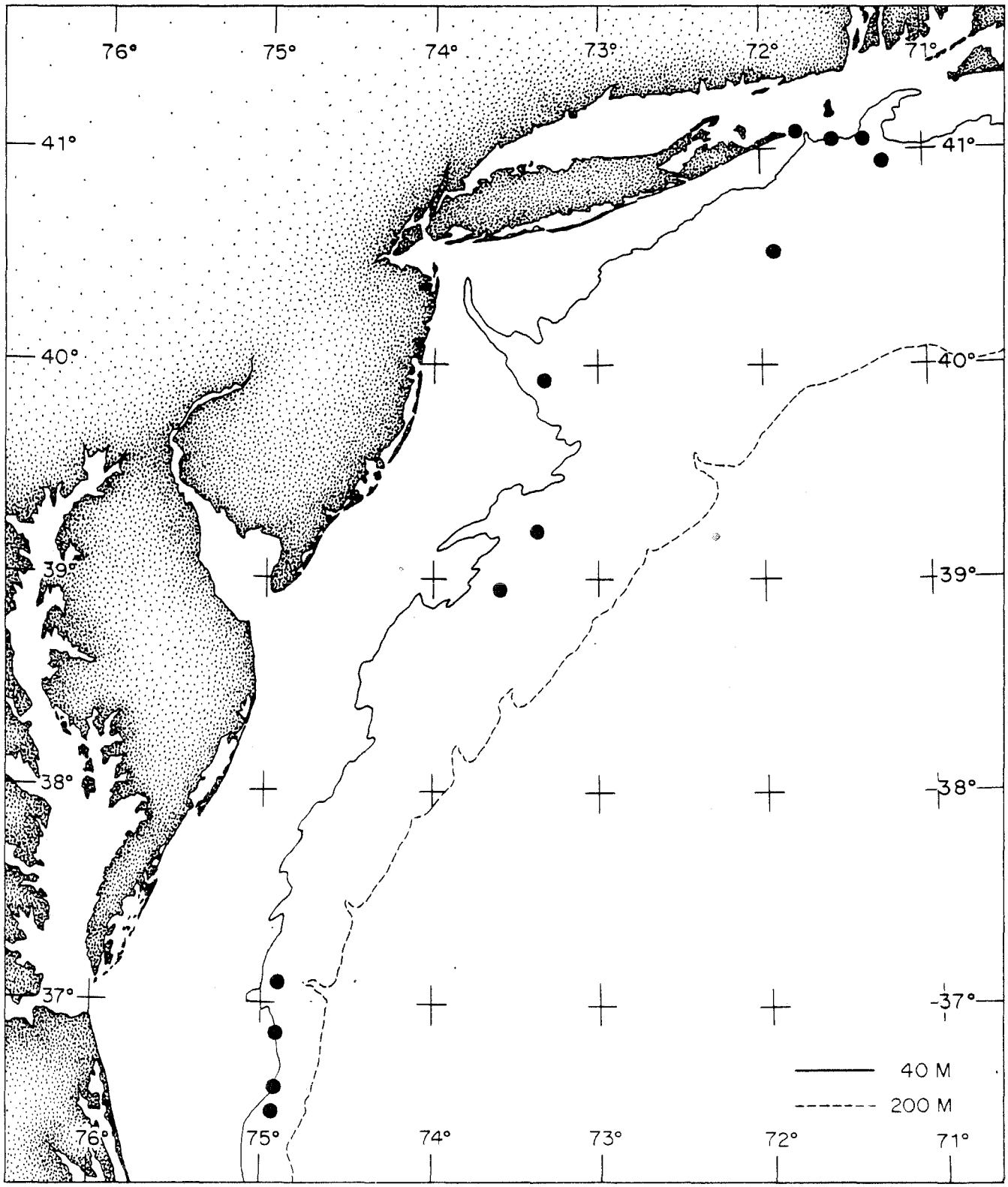

Figure 1. Location of the shell samples collected in the Middle Atlantic Bight and Block Island Sound.

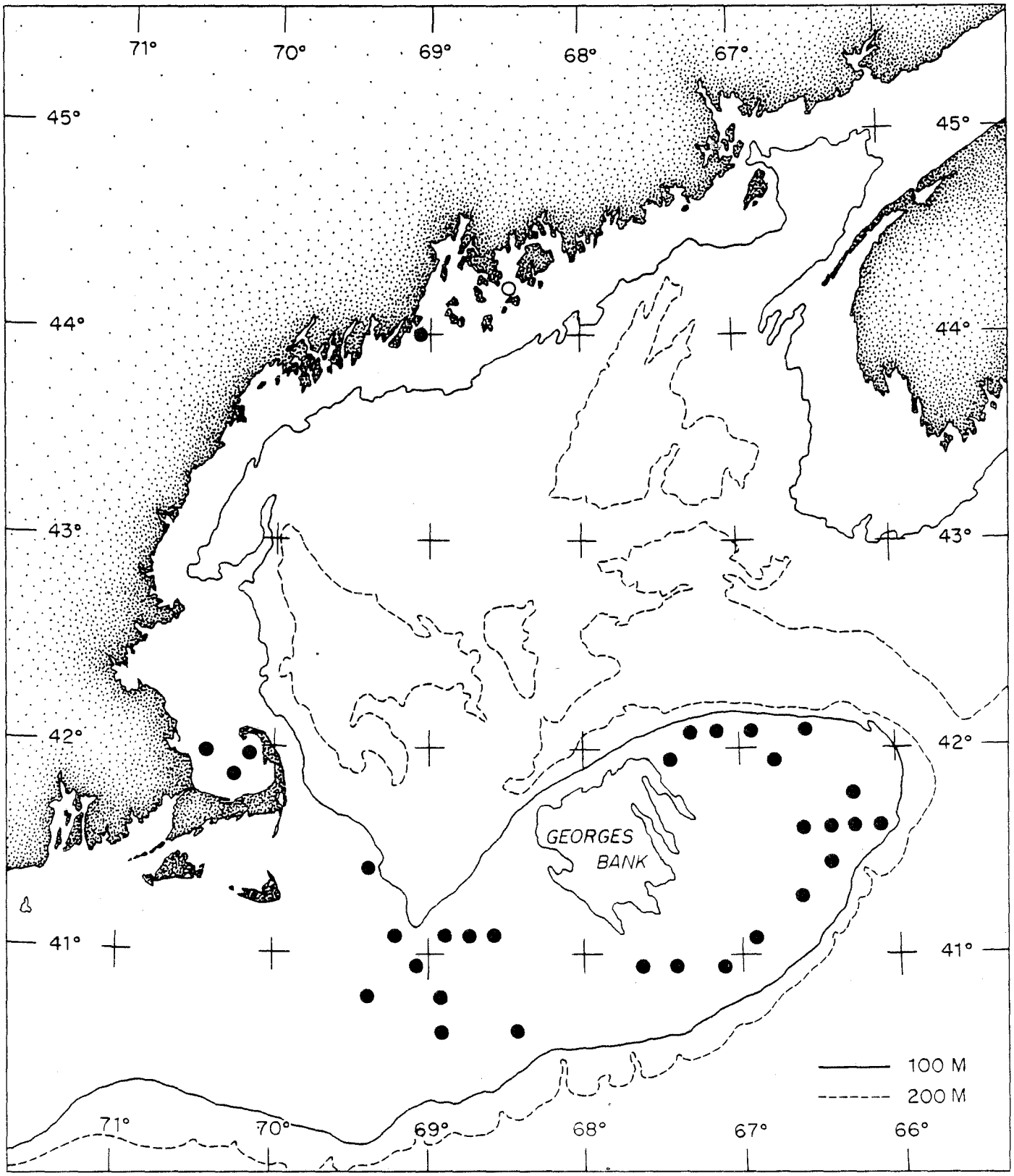

Figure 2. Location of the shell samples collected on Georges Bank, Cape Cod Bay, and the Maine Coast. The open circle shows a sample collected by others.

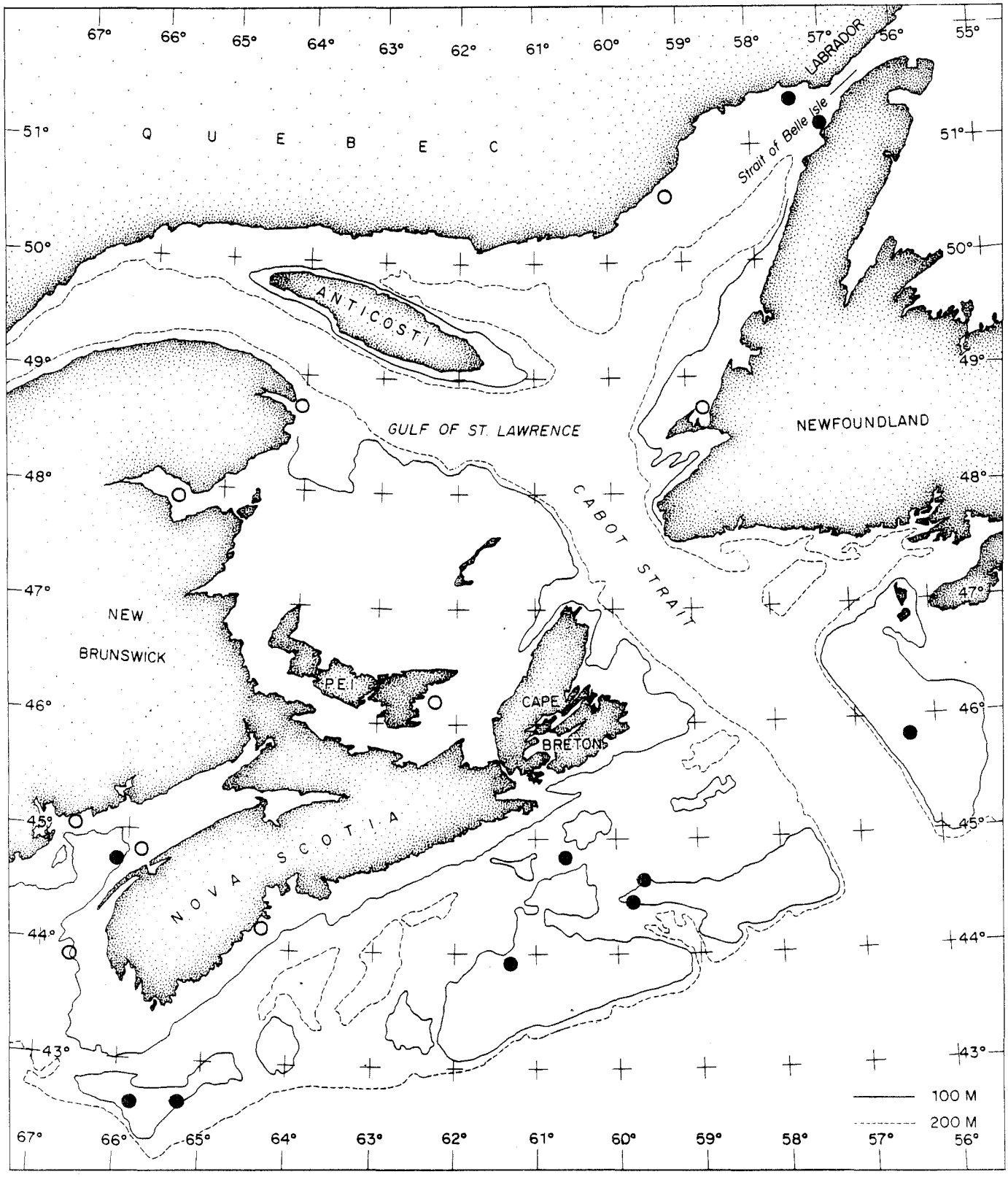

Figure 3. Location of the shell samples collected in Canadian waters. The open circles show samples collected by others.

Table 1. Mean size at ring formation of the sea scallop shell samples read for age

LOCATION	RING NUMBER II	III	IV	V	VI	VII	VIII	IX
			MIDDLE ATLANTIC BIGHT					
367412	47.8	70.0	88.3					
367413	51.9	76.4	96.6					
367414	51.8	81.7	100.4	112.4	124.9	133.0	137.0	
367415	54.3	80.0	99.3					
377416	47.1	75.4	94.5	109.2	120.5	128.1	137.3	141.2
377416	46.9	70.7	89.4					
387331	56.7	78.9	95.9	107.6	119.5	127.3	136.5	142.0
397351	47.5	80.3	94.1	107.7	117.1	121.4	127.8	
397355	45.8	72.1	91.8	105.6	114.3	121.0	126.5	131.7
407113	51.2	88.1	105.4	117.2	125.0	131.7	139.7	141.5
			BLOCK ISLAND SOUND					
417116	54.5	82.5	96.5	110.7	120.7	132.0	137.0	
417136	55.5	82.0	97.3	109.0	118.0	124.7	131.3	133.8
417146	40.9	66.2	88.5	106.0	117.7	125.5	131.9	135.9
417146	43.2	74.5	97.2	112.4	122.3	131.1	135.0	135.5
417146	43.0	74.2	96.9	111.9	121.6	130.2	134.1	136.2
407151	55.9	84.8	101.4	113.2	119.8	126.7	132.0	137.0
			CAPE COD BAY					
417031	53.1	79.4	98.7	113.8	125.8	134.4	143.0	148.0
417042	53.4	80.7	103.2	118.9	131.4	137.9	148.0	
417051	50.4	80.5	100.2	114.3	125.8	134.3	142.7	149.0

Table 1. cont'd.

LOCATION	II	III	IV	V	VI	VII	VIII	IX
			RING NUMBER					
			GREAT SOUTH CHANNEL					
406812	44.9	75.2	106.1	125.7	136.3	139.4	143.3	144.0
406813	46.1	76.9	105.2	123.2	133.6	139.5	145.9	149.6
406942	46.7	70.8	89.3	102.8	112.9			
406961	43.5	72.9	100.9	119.5	130.2	134.3	140.6	
406843	46.6	77.1	103.5	122.2	133.5	140.6	147.7	
416816	55.9	79.4	98.0					
416816	40.5	71.1	102.1	121.9	133.4	140.7	143.7	151.0
416826	53.9	79.7	97.4	108.5	117.2	123.6		
416836	46.5	75.2	104.7	128.0				
416836	44.4	73.8	105.5	123.1				
416944	55.2	85.5						
416956	39.8	70.5	99.9	115.1	126.9	134.5	137.9	141.0
			SOUTHEAST PART					
406731	58.3	84.9	99.4	112.1				
406731	53.0	85.1	106.2	120.3	127.8	132.0	140.0	143.0
406731	60.7	84.8	95.4	107.5	116.8	124.7	131.3	144.0
406741	45.7	73.1	98.3	113.3	125.8	135.3		
406761	45.3	70.9	87.0	107.0	121.0	129.0		
416616	45.1	77.7	100.9	119.0	124.5	127.1	131.2	132.7
			NORTHEAST PEAK					
416633	48.6	79.3	93.7	105.6	114.8	122.3		
416635	43.9	74.0	95.1	107.0	114.0	118.9	123.7	128.8
416643	44.5	68.3	87.7	101.2	112.7	119.4	125.0	129.0
416644	41.1	67.4	87.0	97.1	104.4	110.7	114.7	

Table 1. cont'd.

LOCATION	II	III	IV	V	VI	VII	VIII	IX
			RING NUMBER					
416644	45.6	74.1	93.9	107.3	117.7	122.9	127.2	130.3
416652	42.3	68.8	93.1	111.8	121.6	130.0	136.0	140.0
416653	48.4	74.0	93.6	109.0	118.2	124.7	129.6	135.0
416663	39.9	57.1	71.1	80.4	87.6	94.1	98.5	101.6
			NORTHERN EDGE					
416621	51.4	77.2	94.6	112.3	123.3			
416621	47.2	78.1	100.5	116.5	127.2	135.4		
416621	45.6	79.7	101.1	116.6	128.4	136.4	148.0	
416741	51.1	86.3	112.4	128.5	137.3	146.6	150.0	
426616	43.2	71.1	97.5	119.1	130.2	136.9	141.0	141.5
426636	46.9	74.5	95.7	109.8	119.6	126.5	132.0	137.1
426636	43.9	69.8	89.9	105.7	113.1	115.8	121.3	125.0
426766	42.3	68.7	96.3	116.1	128.0			
426756	34.1	56.4	80.8	96.7	107.5	114.9	121.6	127.7
			MAINE COAST					
446966	40.9	72.8	94.0	109.5	119.3	126.1	133.9	139.6
446966	41.7	71.0	92.7	109.6	121.8	131.8	140.3	147.0
446966	39.4	66.2	87.7	106.7	118.6	125.6		
446966	40.4	69.2	90.3	106.1	117.0	125.9	132.9	
446966	44.3	70.5	89.9	106.6	118.4	125.1		
446761	42.0	72.7	94.8	110.3	121.9	130.0	134.0	138.1
			BAY OF FUNDY					
446662	(25.4)	57.5	81.6	96.4	106.7	117.5	121.2	123.6
			BROWNS BANK					
426524	(26.6)	41.2	53.4	64.5	73.2	79.9	84.7	89.0
426564	(27.2)	41.6	55.5	68.8	77.8	84.9	87.0	

Table 1. cont'd.

LOCATION	RING NUMBER II	III	IV	V	VI	VII	VIII	IX
				SABLE ISLAND BANK				
436151	(32.7)	51.7	68.9	85.4	98.9	111.3	120.3	129.5
				BANQUEREAU				
445924	(30.3)	49.1	68.9	85.9	98.7	109.1	118.6	126.6
445933	(30.4)	50.8	72.7	91.6	104.1	114.2	121.4	130.5
				MIDDLE GROUND				
446032	-	-	70.6	84.5	101.3	113.9	123.2	130.5
				ST. PIERRE BANK				
455652	(25.1)	39.6	52.7	65.9	77.9	88.5	97.9	105.6
				STRAIT OF BELLE ISLE (S)				
515616	34.7	56.0	72.8	85.5	95.8	105.2	112.5	114.6
				STRAIT OF BELLE ISLE (N)				
515744	44.7	73.6	100.5	116.3	128.7	135.6	141.8	149.7

Table 2. Mean size at ring formation of the sea scallop shell samples read for age by other investigators

LOCATION	RING NUMBER II	III	IV	V	VI	VII	VIII	IX
416641[d]	52.6	80.7	98.7	110.6	119.7	126.7	132.1	136.1
446800[h]	44.6	72.2	91.2	105.9	118.3	128.6	135.9	140.2
446621[f]	48.2	75.0	96.1	109.2	116.7	124.2		
446622[f]	47.1	77.4	94.5	107.1	116.6	124.4	130.5	134.9
446616[f]	50.8	80.0	101.5	118.4	130.5	142.5	152.4	159.3
456626[f]	34.9	54.6	71.9	86.5	99.9	111.4	120.6	127.6
446512[a]	(13.4)	(33.5)	58.3	77.2	93.2	106.1	114.9	121.4
446522[a]	(12.0)	(31.3)	58.1	81.8	97.5	107.3	115.9	122.5
446511[a]	(11.6)	(30.7)	57.2	80.6	96.2	106.5	113.8	119.6
446652[a]	(13.2)	(33.5)	59.3	74.7	84.7	91.5	97.0	101.0
446652[a]	(11.6)	(28.8)	55.0	70.8	81.8	89.2	94.7	99.1
446522[g]	(14.9)	(26.1)	45.0	70.2	88.1	101.8	110.2	115.8
446512[f]	50.7	76.4	95.5	108.9	118.5	123.7	131.2	135.4
436632[b]	--	(40.6)	61.1	78.8	92.6	102.4	110.5	115.5
446453[f]	52.0	80.1	103.1	119.7	132.1	140.5	146.7	151.2
466255[e]	(31.2)	48.1	63.2	75.7	85.9	95.0	101.9	106.3
476511[f]	37.4	61.1	80.0	95.3	105.7	113.6	119.2	123.4
486452[f]	40.2	62.8	78.9	91.2	101.3	110.2	119.9	127.8
485823[e]	44.5	63.7	81.8	97.0	108.1	116.1	122.3	126.7
505962[f]	43.3	69.7	92.6	109.9	123.8	133.8	139.9	145.3

a) Caddy, et al., 1970
b) Caddy, et al., 1968
c) Dickie, 1951
d) Merrill, et al., 1966
e) Naidu, 1975
f) Stevenson, 1936
g) Stevenson, et al., 19
h) Welch, 1947

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g) Stevenson, J. A., and L. M. Dickie, 1954. Annual growth rings and rate of growth of the giant scallop, Placopecten magellanicus (Gmelin) in the Digby area of the Bay of Fundy. Journal of the Fisheries Research Board of Canada, 11(5).

h) Welch, W. R., 1947. Growth and spawning characteristics of the sea scallop in Maine waters. M.A. Thesis, University of Maine, Orono, ME.

APPENDIX I

MIDDLE ATLANTIC BIGHT

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 650007 DATE (MO-DAY-YR): 7- 0-65
LOCATION: 367412 STATISTICAL AREA: 626 DEPTH (FM): 27

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	.0	19.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	19.8	106
	STD	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	
2	MEAN	.0	.0	.0	47.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	47.8	106
	STD	.0	.0	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	
3	MEAN	.0	.0	.0	70.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	70.0	106
	STD	.0	.0	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	
4	MEAN	.0	.0	.0	88.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	88.3	106
	STD	.0	.0	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	
MARGIN	MEAN	.0	.0	.0	98.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	98.8	
	STD	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	23.2	
	NO.	0	0	0	106	0	0	0	0	0	0	0	0	0	106	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 651907 DATE (MO-DAY-YR): 7-19-65
LOCATION: 367413 STATISTICAL AREA: 626 DEPTH (FM): 21

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	.0	20.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.7	100
	STD	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	
2	MEAN	.0	.0	.0	51.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	51.9	100
	STD	.0	.0	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	
3	MEAN	.0	.0	.0	76.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	76.4	100
	STD	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	
4	MEAN	.0	.0	.0	96.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	96.6	100
	STD	.0	.0	.0	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	
MARGIN	MEAN	.0	.0	.0	108.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	108.1	
	STD	.0	.0	.0	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	33.8	
	NO.	0	0	0	100	0	0	0	0	0	0	0	0	0	100	

*** ERROR IN RWBLOCK (SKIPB) WHILE POSITIONING

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 592312 DATE (MO-DAY-YR): 12-23-59
LOCATION: 367414 STATISTICAL AREA: 600 DEPTH (FM): 22

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	19.4	19.5	19.9	20.4	19.8	17.5	.0	.0	.0	.0	.0	19.6	210
	STD	.0	.0	5.0	3.9	3.8	4.2	4.0	2.1	.0	.0	.0	.0	.0	3.9	
2	MEAN	.0	.0	51.1	52.1	51.1	48.4	49.0	54.5	.0	.0	.0	.0	.0	51.8	227
	STD	.0	.0	3.4	3.7	4.0	3.8	5.8	.7	.0	.0	.0	.0	.0	3.9	
3	MEAN	.0	.0	80.8	82.4	80.0	78.3	75.8	79.0	.0	.0	.0	.0	.0	81.7	227
	STD	.0	.0	3.7	4.2	3.9	4.1	4.6	2.8	.0	.0	.0	.0	.0	4.4	
4	MEAN	.0	.0	.0	101.0	98.6	98.3	96.7	98.0	.0	.0	.0	.0	.0	100.4	218
	STD	.0	.0	.0	4.1	3.6	4.9	5.7	1.4	.0	.0	.0	.0	.0	4.2	
5	MEAN	.0	.0	.0	.0	112.2	114.1	111.7	111.0	.0	.0	.0	.0	.0	112.4	44
	STD	.0	.0	.0	.0	3.2	5.3	3.6	1.4	.0	.0	.0	.0	.0	3.6	
6	MEAN	.0	.0	.0	.0	.0	126.0	124.0	124.0	.0	.0	.0	.0	.0	124.9	15
	STD	.0	.0	.0	.0	.0	4.5	2.8	1.4	.0	.0	.0	.0	.0	3.6	
7	MEAN	.0	.0	.0	.0	.0	.0	133.5	131.5	.0	.0	.0	.0	.0	133.0	8
	STD	.0	.0	.0	.0	.0	.0	3.1	.7	.0	.0	.0	.0	.0	2.8	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	137.0	.0	.0	.0	.0	.0	137.0	2
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MARGIN	MEAN	.0	.0	101.6	113.2	121.5	133.6	139.2	140.5	.0	.0	.0	.0	.0	115.4	
	STD	.0	.0	4.6	4.0	2.9	3.7	2.0	2.1	.0	.0	.0	.0	.0	61.4	
	NO.	0	0	9	174	29	7	6	2	0	0	0	0	0	227	

Sea Scallop Mean Ring Size (mm)

Sample No.: 652107
Location: 367415
Date (Mo-Day-Yr): 7-21-65
Statistical Area: 632
Depth (fm): 22

Ring Number		Number of Rings 1	2	3	4	5	6	7	8	9	Total	Number
1	Mean				20.6						20.6	82
	STD											
2	Mean				54.3						54.3	82
	STD											
3	Mean				80.0						80.0	82
	STD											
4	Mean				99.3						99.3	82
	STD											
5	Mean											
	STD											
6	Mean											
	STD											
7	Mean											
	STD											
8	Mean											
	STD											
9	Mean											
	STD											
Margin	Mean				110.5							
	STD											
	No.				82							82

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 590912 DATE (MO-DAY-YR): 12- 9-59
LOCATION: 377416 STATISTICAL AREA: 600 DEPTH (FM): 25

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	21.4	18.1	21.0	18.4	21.8	20.1	18.6	16.8	.0	.0	.0	19.0	313
	STD	.0	.0	8.6	4.6	6.7	4.6	4.9	4.6	4.2	3.4	.0	.0	.0	5.5	
2	MEAN	.0	.0	50.5	46.5	48.9	45.7	46.9	47.5	46.3	47.0	.0	.0	.0	47.1	314
	STD	.0	.0	7.9	4.9	7.2	6.2	5.9	8.7	6.3	8.0	.0	.0	.0	6.1	
3	MEAN	.0	.0	79.6	75.0	76.7	73.7	75.7	73.7	73.9	73.0	.0	.0	.0	75.4	317
	STD	.0	.0	6.3	4.7	5.9	4.6	6.3	4.7	5.0	7.6	.0	.0	.0	5.3	
4	MEAN	.0	.0	.0	94.5	96.1	93.0	94.3	94.4	94.3	94.4	.0	.0	.0	94.5	286
	STD	.0	.0	.0	4.1	5.3	3.5	6.0	4.3	4.1	7.0	.0	.0	.0	4.4	
5	MEAN	.0	.0	.0	.0	110.4	108.9	108.8	108.8	108.7	109.0	.0	.0	.0	109.2	97
	STD	.0	.0	.0	.0	4.8	4.3	5.0	5.3	2.1	5.1	.0	.0	.0	4.7	
6	MEAN	.0	.0	.0	.0	.0	119.4	121.8	120.4	120.0	123.0	.0	.0	.0	120.7	71
	STD	.0	.0	.0	.0	.0	3.9	4.3	5.4	3.0	6.0	.0	.0	.0	4.6	
7	MEAN	.0	.0	.0	.0	.0	.0	131.9	130.3	128.7	130.8	.0	.0	.0	130.8	52
	STD	.0	.0	.0	.0	.0	.0	4.2	4.6	2.1	3.3	.0	.0	.0	4.1	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	137.9	135.7	138.4	.0	.0	.0	137.5	31
	STD	.0	.0	.0	.0	.0	.0	.0	4.7	3.0	2.2	.0	.0	.0	4.1	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	141.3	145.0	.0	.0	.0	142.8	12
	STD	.0	.0	.0	.0	.0	.0	.0	.0	2.4	1.9	.0	.0	.0	2.8	
10	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	150.0	.0	.0	.0	150.0	5
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	.0	.0	.0	1.9	
MARGIN	MEAN	.0	.0	99.5	108.2	119.9	128.5	138.1	142.3	144.7	151.8	.0	.0	.0	115.1	
	STD	.0	.0	4.1	3.8	6.1	3.9	3.8	4.8	2.2	1.8	.0	.0	.0	201.3	
	NO.	0	0	31	189	26	19	21	19	7	5	0	0	0	317	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 651607 DATE (MO-DAY-YR): 7-16-65
LOCATION: 377416 STATISTICAL AREA: 623 DEPTH (FM): 22

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	.0	18.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.7	123
	STD	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	
2	MEAN	.0	.0	.0	46.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	46.9	123
	STD	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	
3	MEAN	.0	.0	.0	70.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	70.7	123
	STD	.0	.0	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	
4	MEAN	.0	.0	.0	89.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	89.4	123
	STD	.0	.0	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	
MARGIN	MEAN	.0	.0	.0	100.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.9	
	STD	.0	.0	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.6	
	NO.	0	0	0	123	0	0	0	0	0	0	0	0	0	123	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 592501 DATE (MO-DAY-YR): 1-25-59
LOCATION: 387331 STATISTICAL AREA: 600 DEPTH (FM): 30

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	26.4	25.3	21.5	22.3	.0	29.0	.0	.0	22.0	.0	.0	.0	24.7	69
	STD	.0	4.8	6.3	5.5	5.5	.0	2.8	.0	.0	.0	.0	.0	.0	5.6	
2	MEAN	.0	62.3	53.5	52.1	46.3	.0	65.0	.0	.0	44.0	44.0	.0	.0	56.7	69
	STD	.0	4.6	5.1	7.5	13.7	.0	2.8	.0	.0	.0	.0	.0	.0	8.2	
3	MEAN	.0	.0	80.5	78.5	75.7	.0	81.5	.0	.0	72.0	75.0	.0	.0	78.9	40
	STD	.0	.0	8.3	6.8	2.1	.0	3.5	.0	.0	.0	.0	.0	.0	7.0	
4	MEAN	.0	.0	.0	95.9	95.3	.0	95.5	.0	.0	.0	99.0	.0	.0	96.0	25
	STD	.0	.0	.0	5.4	1.2	.0	4.9	.0	.0	.0	.0	.0	.0	4.8	
5	MEAN	.0	.0	.0	.0	109.0	.0	108.0	.0	.0	101.0	109.0	.0	.0	107.6	7
	STD	.0	.0	.0	.0	1.0	.0	2.8	.0	.0	.0	.0	.0	.0	3.2	
6	MEAN	.0	.0	.0	.0	.0	.0	118.0	.0	.0	120.0	122.0	.0	.0	119.5	4
	STD	.0	.0	.0	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	2.1	
7	MEAN	.0	.0	.0	.0	.0	.0	125.0	.0	.0	128.0	131.0	.0	.0	127.3	4
	STD	.0	.0	.0	.0	.0	.0	4.2	.0	.0	.0	.0	.0	.0	3.8	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	135.0	138.0	.0	.0	136.5	2
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	140.0	144.0	.0	.0	142.0	2
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	
10	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	142.0	147.0	.0	.0	144.5	2
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	
11	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	150.0	.0	.0	150.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MARGIN	MEAN	.0	74.7	88.9	100.1	111.3	.0	126.5	.0	.0	144.0	150.0	.0	.0	89.5	
	STD	.0	4.7	7.0	5.0	1.2	.0	4.9	.0	.0	.0	.0	.0	.0	307.8	
	NO.	0	30	14	19	3	0	2	0	0	1	1	0	0	70	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 581504 DATE (MO-DAY-YR): 4-15-58
LOCATION: 397351 STATISTICAL AREA: 600 DEPTH (FM): 24

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
2	MEAN	.0	.0	48.2	45.9	42.0	42.6	46.8	41.8	.0	.0	.0	.0	.0	47.5	229
	STD	.0	.0	5.5	4.6	4.2	5.5	8.3	10.0	.0	.0	.0	.0	.0	5.8	
3	MEAN	.0	.0	81.5	75.8	78.5	74.5	70.3	71.3	.0	.0	.0	.0	.0	80.3	230
	STD	.0	.0	7.2	10.5	4.9	7.1	8.2	10.9	.0	.0	.0	.0	.0	7.9	
4	MEAN	.0	.0	.0	96.9	98.5	94.2	88.0	90.3	.0	.0	.0	.0	.0	94.1	37
	STD	.0	.0	.0	6.2	.7	6.0	9.0	11.0	.0	.0	.0	.0	.0	7.2	
5	MEAN	.0	.0	.0	.0	110.5	109.2	103.5	103.8	.0	.0	.0	.0	.0	107.7	27
	STD	.0	.0	.0	.0	2.1	6.6	10.6	5.4	.0	.0	.0	.0	.0	7.1	
6	MEAN	.0	.0	.0	.0	.0	118.2	115.3	114.5	.0	.0	.0	.0	.0	117.1	25
	STD	.0	.0	.0	.0	.0	6.5	7.5	5.0	.0	.0	.0	.0	.0	6.4	
7	MEAN	.0	.0	.0	.0	.0	.0	120.8	122.0	.0	.0	.0	.0	.0	121.4	8
	STD	.0	.0	.0	.0	.0	.0	7.9	5.1	.0	.0	.0	.0	.0	6.2	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	127.8	.0	.0	.0	.0	.0	127.8	4
	STD	.0	.0	.0	.0	.0	.0	.0	3.0	.0	.0	.0	.0	.0	3.0	
MARGIN	MEAN	.0	.0	93.5	104.1	113.5	120.1	121.8	129.3	.0	.0	.0	.0	.0	97.2	
	STD	.0	.0	7.2	4.7	2.1	6.6	8.4	3.0	.0	.0	.0	.0	.0	131.4	
	NO.	0	0	193	10	2	17	4	4	0	0	0	0	0	230	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 601405 DATE (MO-DAY-YR): 5-14-60
LOCATION: 397355 STATISTICAL AREA: 600 DEPTH (FM): 26

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	20.6	21.8	19.2	17.9	18.3	17.9	17.0	18.8	17.4	17.5	.0	.0	.0	18.9	423
	STD	5.1	7.3	4.9	4.0	3.6	3.9	4.5	4.2	5.1	3.6	.0	.0	.0	5.3	
2	MEAN	.0	50.9	46.1	43.6	46.6	43.8	44.0	45.4	40.2	39.0	.0	.0	.0	45.8	429
	STD	.0	4.9	4.3	5.0	4.8	7.2	5.7	8.0	8.2	5.8	.0	.0	.0	6.7	
3	MEAN	.0	.0	75.4	72.2	74.5	72.1	72.4	72.7	66.1	65.0	.0	.0	.0	72.1	327
	STD	.0	.0	5.2	5.8	4.6	8.3	7.8	8.8	9.6	4.1	.0	.0	.0	7.5	
4	MEAN	.0	.0	.0	92.5	93.6	91.6	92.0	92.6	87.5	89.0	.0	.0	.0	91.8	298
	STD	.0	.0	.0	5.6	4.7	5.8	6.1	6.9	6.7	5.6	.0	.0	.0	6.1	
5	MEAN	.0	.0	.0	.0	107.8	105.2	104.7	106.3	103.1	104.1	.0	.0	.0	105.6	231
	STD	.0	.0	.0	.0	4.9	4.7	5.0	5.4	4.6	4.8	.0	.0	.0	5.1	
6	MEAN	.0	.0	.0	.0	.0	115.1	113.6	114.5	113.8	115.2	.0	.0	.0	114.3	173
	STD	.0	.0	.0	.0	.0	4.0	4.2	3.9	4.6	4.5	.0	.0	.0	4.2	
7	MEAN	.0	.0	.0	.0	.0	.0	121.2	120.9	120.2	123.1	.0	.0	.0	121.0	134
	STD	.0	.0	.0	.0	.0	.0	4.0	3.7	4.0	3.7	.0	.0	.0	3.9	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	126.5	125.9	128.4	.0	.0	.0	126.5	87
	STD	.0	.0	.0	.0	.0	.0	.0	3.6	3.6	3.2	.0	.0	.0	3.6	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	131.4	132.8	.0	.0	.0	131.7	44
	STD	.0	.0	.0	.0	.0	.0	.0	.0	3.5	3.0	.0	.0	.0	3.4	
10	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	136.4	.0	.0	.0	136.4	9
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	.0	.0	.0	3.2	
MARGIN	MEAN	49.8	76.7	93.9	106.6	116.8	121.7	126.3	130.6	135.1	139.7	.0	.0	.0	108.2	
	STD	7.6	5.1	4.8	5.0	4.2	3.8	4.1	3.5	3.5	3.5	.0	.0	.0	499.1	
	NO.	5	103	29	67	58	39	47	43	35	9	0	0	0	435	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 591008 DATE (MO-DAY-YR): 8-10-59
LOCATION: 407113 STATISTICAL AREA: 600 DEPTH (FM): 28

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	25.2	22.6	21.1	18.5	16.8	32.0	.0	11.0	.0	.0	.0	21.9	223
	STD	.0	.0	5.3	5.6	5.0	4.1	3.7	.0	.0	.0	.0	.0	.0	5.6	
2	MEAN	.0	.0	51.3	52.2	49.9	46.4	48.0	59.0	.0	40.0	.0	.0	.0	51.2	228
	STD	.0	.0	6.2	6.6	7.5	5.3	6.9	.0	.0	.0	.0	.0	.0	6.9	
3	MEAN	.0	.0	81.7	89.9	86.3	81.2	83.0	83.0	96.0	71.0	.0	.0	.0	88.1	230
	STD	.0	.0	4.3	6.6	9.2	9.9	2.3	.0	.0	.0	.0	.0	.0	7.9	
4	MEAN	.0	.0	.0	105.5	106.8	101.8	103.8	101.0	115.0	96.0	.0	.0	.0	105.4	224
	STD	.0	.0	.0	5.4	5.8	7.0	2.9	.0	.0	.0	.0	.0	.0	5.7	
5	MEAN	.0	.0	.0	.0	117.6	116.2	117.0	115.0	125.0	110.0	.0	.0	.0	117.2	70
	STD	.0	.0	.0	.0	4.8	5.9	1.5	.0	.0	.0	.0	.0	.0	4.9	
6	MEAN	.0	.0	.0	.0	.0	124.4	125.8	129.0	133.0	119.0	.0	.0	.0	125.0	26
	STD	.0	.0	.0	.0	.0	4.4	1.7	.0	.0	.0	.0	.0	.0	4.2	
7	MEAN	.0	.0	.0	.0	.0	.0	130.7	137.0	138.0	126.0	.0	.0	.0	131.7	9
	STD	.0	.0	.0	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	4.0	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	143.0	143.0	133.0	.0	.0	.0	139.7	3
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	145.0	138.0	.0	.0	.0	141.5	2
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	
10	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	141.0	.0	.0	.0	141.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	
MARGIN	MEAN	.0	.0	94.2	112.4	122.3	128.9	133.3	146.0	146.0	143.0	.0	.0	.0	115.0	
	STD	.0	.0	5.6	5.0	5.1	4.4	2.4	.0	.0	.0	.0	.0	.0	83.6	
	NO.	0	0	6	154	44	17	6	1	1	1	0	0	0	230	

BLOCK ISLAND SOUND

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 592602 DATE (MO-DAY-YR): 2-26-59
LOCATION: 417116 STATISTICAL AREA: 529 DEPTH (FM): 25

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	19.5	23.7	21.9	.0	15.5	.0	25.0	.0	.0	.0	.0	.0	22.4	36
	STD	.0	8.6	5.0	7.5	.0	3.5	.0	.0	.0	.0	.0	.0	.0	6.0	
2	MEAN	.0	51.0	57.3	51.1	.0	47.0	.0	46.0	.0	.0	.0	.0	.0	54.5	36
	STD	.0	8.6	5.7	6.3	.0	4.2	.0	.0	.0	.0	.0	.0	.0	6.9	
3	MEAN	.0	.0	84.4	80.4	.0	74.0	.0	74.0	.0	.0	.0	.0	.0	82.5	32
	STD	.0	.0	6.2	7.6	.0	4.2	.0	.0	.0	.0	.0	.0	.0	7.0	
4	MEAN	.0	.0	.0	96.9	.0	96.5	.0	94.0	.0	.0	.0	.0	.0	96.5	10
	STD	.0	.0	.0	5.5	.0	4.9	.0	.0	.0	.0	.0	.0	.0	4.9	
5	MEAN	.0	.0	.0	.0	.0	110.5	.0	111.0	.0	.0	.0	.0	.0	110.7	3
	STD	.0	.0	.0	.0	.0	9.2	.0	.0	.0	.0	.0	.0	.0	6.5	
6	MEAN	.0	.0	.0	.0	.0	118.0	.0	126.0	.0	.0	.0	.0	.0	120.7	3
	STD	.0	.0	.0	.0	.0	8.5	.0	.0	.0	.0	.0	.0	.0	7.6	
7	MEAN	.0	.0	.0	.0	.0	.0	.0	132.0	.0	.0	.0	.0	.0	132.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	137.0	.0	.0	.0	.0	.0	137.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	
MARGIN	MEAN	.0	72.5	93.0	101.9	.0	120.5	.0	137.0	.0	.0	.0	.0	.0	95.2	
	STD	.0	7.3	8.2	5.4	.0	7.8	.0	.0	.0	.0	.0	.0	.0	208.8	
	NO.	0	4	22	7	0	2	0	1	0	0	0	0	0	36	

Sea Scallop Mean Ring Size (mm)

Sample No.: 592705 Date (Mo-Day-Yr): 05-27-59 Depth (fm): 22
Location: 417136 Statistical Area: 539

Ring Number		Number of Rings 1	2	3	4	5	6	7	8	9	Total	Number
1	Mean			21.6	20.4	19.6	19.8	19.6	18.0	17.9	20.2	329
	STD											
2	Mean			58.3	54.6	53.9	55.4	55.2	53.2	54.7	55.5	333
	STD											
3	Mean			84.5	80.8	79.9	83.4	81.0	81.3	80.1	82.0	340
	STD											
4	Mean				95.9	96.0	99.3	98.3	100.9	95.9	97.3	264
	STD											
5	Mean					106.9	109.9	110.0	113.3	109.2	109.0	193
	STD											
6	Mean						116.8	117.6	122.4	117.9	118.0	119
	STD											
7	Mean							123.0	128.1	125.4	124.7	62
	STD											
8	Mean								131.2	131.5	131.3	25
	STD											
9	Mean									133.8	133.8	8
	STD											
Margin	Mean											
	STD											
	No.			85	72	75	57	37	17	8		351

Sea Scallop Mean Ring Size (mm)

Sample No.: 581812 Date (Mo-Day-Yr): 12-18-58 Depth (fm): 26
Location: 417146 Statistical Area: 539

Ring Number		Number of Rings 1	2	3	4	5	6	7	8	9	Total	Number
1	Mean		16.5	13.5	13.6	14.4	18.2	16.3	16.1	20.8	14.8	3.7
	STD											
2	Mean		54.1	46.5	33.3	34.2	38.1	38.2	37.1	43.9	40.9	471
	STD											
3	Mean			83.2	57.8	59.6	64.4	62.7	63.2	70.6	66.2	402
	STD											
4	Mean				84.7	90.3	88.8	89.9	91.3	90.3	88.5	302
	STD											
5	Mean					105.3	105.8	107.7	107.9	109.4	106.0	212
	STD											
6	Mean						116.4	118.2	119.5	118.3	117.7	79
	STD											
7	Mean							124.3	127.4	125.8	125.5	47
	STD											
8	Mean								131.8	132.0	131.9	22
	STD											
9	Mean									135.9	135.9	8
	STD											
Margin	Mean											
	STD											
	No.		85	104	90	133	32	25	14	8		491

Sea Scallop Mean Ring Size (mm)

Sample No.: 602105 Date (Mo-Day-Yr): 05-21-60
Location: 417146 Statistical Area: 539 Depth (fm): 26

Ring Number		Number of Rings 1	2	3	4	5	6	7	8	9	Total	Number
1	Mean			19.0	20.6	19.3	18.0	19.2	17.8	21.0	19.5	101
	STD											
2	Mean			47.6	44.1	42.3	43.6	42.8	40.0	45.5	43.2	101
	STD											
3	Mean			79.6	76.0	74.4	73.9	71.4	70.6	72.0	74.5	101
	STD											
4	Mean				99.2	96.5	97.0	96.3	94.6	93.5	97.2	96
	STD											
5	Mean					112.8	110.7	113.3	113.0	106.0	112.4	66
	STD											
6	Mean						121.0	124.2	123.6	114.5	122.3	29
	STD											
7	Mean							132.3	131.6	123.5	131.1	19
	STD											
8	Mean								137.0	130.0	135.0	7
	STD											
9	Mean									135.5	135.5	2
	STD											
Margin	Mean			94.6	107.6	116.7	124.5	135.1	139.0	137.0		
	STD											
	No.			5	30	37	10	12	5	2		101

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 602105 DATE (MO-DAY-YR): 5-21-60
LOCATION: 417146 STATISTICAL AREA: 529 DEPTH (FM): 26

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	19.0	20.6	19.3	18.0	19.2	17.8	21.0	16.5	18.0	.0	.0	19.4	104
	STD	.0	.0	4.3	3.7	3.7	5.4	3.6	2.4	4.2	2.1	.0	.0	.0	3.8	
2	MEAN	.0	.0	47.6	44.1	42.3	43.6	42.8	40.0	45.5	36.0	33.0	.0	.0	43.0	104
	STD	.0	.0	6.1	6.9	7.3	8.9	6.5	7.5	9.2	2.8	.0	.0	.0	7.2	
3	MEAN	.0	.0	79.6	76.0	74.4	73.9	71.4	70.6	72.0	65.5	56.0	.0	.0	74.2	104
	STD	.0	.0	6.1	7.9	9.0	9.2	6.5	13.7	7.1	6.4	.0	.0	.0	8.7	
4	MEAN	.0	.0	.0	99.2	96.5	97.0	96.3	94.6	93.5	91.5	79.0	.0	.0	96.9	99
	STD	.0	.0	.0	7.3	7.0	4.8	5.9	9.1	.7	4.9	.0	.0	.0	7.0	
5	MEAN	.0	.0	.0	.0	112.8	110.7	113.3	113.0	106.0	107.0	92.0	.0	.0	111.9	69
	STD	.0	.0	.0	.0	6.6	2.9	6.3	6.2	1.4	4.2	.0	.0	.0	6.5	
6	MEAN	.0	.0	.0	.0	.0	121.0	124.3	123.6	114.5	118.0	108.0	.0	.0	121.6	32
	STD	.0	.0	.0	.0	.0	2.9	7.2	5.0	.7	8.5	.0	.0	.0	6.3	
7	MEAN	.0	.0	.0	.0	.0	.0	132.3	131.6	122.5	124.0	126.0	.0	.0	130.2	22
	STD	.0	.0	.0	.0	.0	.0	8.5	4.3	.7	9.9	.0	.0	.0	7.7	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	137.0	130.0	131.5	133.0	.0	.0	134.1	10
	STD	.0	.0	.0	.0	.0	.0	.0	4.0	.0	13.4	.0	.0	.0	6.1	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	135.5	136.5	137.0	.0	.0	136.2	5
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.7	12.0	.0	.0	.0	6.1	
10	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	140.5	138.0	.0	.0	139.7	3
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.6	.0	.0	.0	7.6	
11	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	139.0	.0	.0	139.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	
MARGIN	MEAN	.0	.0	94.6	107.3	116.7	124.5	135.2	139.0	137.0	142.0	141.0	.0	.0	118.0	
	STD	.0	.0	3.2	6.2	6.1	3.7	8.3	3.7	1.4	11.3	.0	.0	.0	178.4	
	NO.	0	0	5	30	37	10	12	5	2	2	1	0	0	104	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 592704 DATE (MO-DAY-YR): 4-27-59
LOCATION: 407151 STATISTICAL AREA: 527 DEPTH (FM): 30

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	28.7	.0	32.0	24.0	20.0	13.0	.0	.0	.0	12.0	.0	23.4	8
	STD	.0	.0	9.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0	
2	MEAN	.0	.0	60.7	.0	56.0	64.0	43.0	57.0	.0	.0	.0	45.0	.0	55.9	8
	STD	.0	.0	11.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0	
3	MEAN	.0	.0	87.0	.0	81.0	83.0	77.0	94.0	.0	.0	.0	82.0	.0	84.8	8
	STD	.0	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	
4	MEAN	.0	.0	.0	.0	104.0	97.0	98.0	107.0	.0	.0	.0	101.0	.0	101.4	5
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	
5	MEAN	.0	.0	.0	.0	118.0	107.0	112.0	116.0	.0	.0	.0	113.0	.0	113.2	5
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	
6	MEAN	.0	.0	.0	.0	.0	114.0	120.0	123.0	.0	.0	.0	122.0	.0	119.8	4
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	
7	MEAN	.0	.0	.0	.0	.0	.0	125.0	127.0	.0	.0	.0	128.0	.0	126.7	3
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	130.0	.0	.0	.0	134.0	.0	132.0	2
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	137.0	.0	137.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	
10	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	142.0	.0	142.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	
11	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	144.0	.0	144.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	145.0	.0	145.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MARGIN	MEAN	.0	.0	97.7	.0	123.0	115.0	127.0	131.0	.0	.0	.0	145.0	.0	115.8	
	STD	.0	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	323.1	
	NO.	0	0	3	0	1	1	1	1	0	0	0	1	0	8	

CAPE COD BAY

Sea Scallop Mean Ring Size (mm)

Sample No.: 631511 Date (Mo-Day-Yr): 11-15-63
Location: 417031 Statistical Area: 514 Depth (fm): ___

		Number of Rings										
		1	2	3	4	5	6	7	8	9	Total	Number
Ring Number												
1	Mean			20.2	19.6	19.8	19.2	19.7	17.8	20.1	19.9	5.8
	STD											
2	Mean			54.0	52.7	50.9	53.1	52.1	49.2	51.9	53.1	5.8
	STD											
3	Mean			80.3	78.8	77.0	81.5	78.8	77.8	78.9	79.4	518
	STD											
4	Mean				98.5	97.0	101.3	99.5	99.2	100.0	98.7	299
	STD											
5	Mean					111.9	116.0	113.8	117.2	113.7	113.8	91
	STD											
6	Mean						125.8	124.4	128.3	127.1	125.8	54
	STD											
7	Mean							132.3	137.7	137.6	134.4	32
	STD											
8	Mean								142.3	143.6	143.0	13
	STD											
9	Mean									148.0	148.0	7
	STD											
Margin	Mean			90.1	106.4	118.5	130.6	136.6	145.5	150.0		
	STD											
	No.			2.9	208	37	22	19	6	7		518

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 590101 DATE (MO-DAY-YR): 1- 1-59
LOCATION: 417042 STATISTICAL AREA: 514 DEPTH (FM): 10

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	28.2	27.5	25.1	23.8	25.4	24.2	27.0	.0	.0	.0	.0	.0	25.6	89
	STD	.0	5.3	4.5	4.5	3.9	5.5	4.5	.0	.0	.0	.0	.0	.0	4.8	
2	MEAN	.0	61.8	57.5	54.0	48.1	52.3	47.7	52.0	.0	.0	.0	.0	.0	53.4	89
	STD	.0	6.2	5.9	7.6	6.5	8.1	5.3	.0	.0	.0	.0	.0	.0	8.0	
3	MEAN	.0	.0	81.6	84.1	78.7	79.8	75.8	75.0	.0	.0	.0	.0	.0	80.7	79
	STD	.0	.0	6.2	6.6	5.5	6.8	6.3	.0	.0	.0	.0	.0	.0	5.8	
4	MEAN	.0	.0	.0	106.3	101.2	102.9	98.4	98.0	.0	.0	.0	.0	.0	103.2	68
	STD	.0	.0	.0	6.2	4.4	5.1	6.3	.0	.0	.0	.0	.0	.0	6.2	
5	MEAN	.0	.0	.0	.0	120.4	120.4	114.6	117.0	.0	.0	.0	.0	.0	118.9	42
	STD	.0	.0	.0	.0	4.7	4.4	6.2	.0	.0	.0	.0	.0	.0	5.4	
6	MEAN	.0	.0	.0	.0	.0	132.6	128.8	133.0	.0	.0	.0	.0	.0	131.4	30
	STD	.0	.0	.0	.0	.0	4.5	4.2	.0	.0	.0	.0	.0	.0	4.6	
7	MEAN	.0	.0	.0	.0	.0	.0	137.3	144.0	.0	.0	.0	.0	.0	137.9	11
	STD	.0	.0	.0	.0	.0	.0	4.4	.0	.0	.0	.0	.0	.0	4.7	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	148.0	.0	.0	.0	.0	.0	148.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	
MARGIN	MEAN	.0	77.5	94.5	115.8	127.9	137.0	140.9	150.0	.0	.0	.0	.0	.0	118.2	
	STD	.0	9.2	4.9	6.3	6.3	3.7	4.0	.0	.0	.0	.0	.0	.0	451.6	
	NO.	0	10	11	26	12	19	10	1	0	0	0	0	0	89	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 590101 DATE (MO-DAY-YR): 1- 1-59
LOCATION: 417051 STATISTICAL AREA: 514 DEPTH (FM): 16

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	22.9	20.7	23.1	20.4	34.5	26.0	.0	.0	.0	.0	.0	22.1	114
	STD	.0	.0	7.9	6.1	5.6	6.7	4.9	12.7	.0	.0	.0	.0	.0	6.9	
2	MEAN	.0	.0	53.2	48.6	51.1	46.3	53.0	55.0	.0	.0	55.0	.0	.0	50.4	127
	STD	.0	.0	7.6	9.1	6.6	7.5	3.6	7.1	.0	.0	.0	.0	.0	8.2	
3	MEAN	.0	.0	84.0	78.5	81.4	77.4	78.0	88.0	.0	.0	77.0	.0	.0	80.5	131
	STD	.0	.0	7.0	7.7	7.1	4.8	2.0	.0	.0	.0	.0	.0	.0	7.5	
4	MEAN	.0	.0	.0	100.6	100.2	99.6	96.0	98.0	.0	.0	102.0	.0	.0	100.2	94
	STD	.0	.0	.0	5.6	5.7	3.0	2.6	2.8	.0	.0	.0	.0	.0	5.3	
5	MEAN	.0	.0	.0	.0	114.5	115.5	112.3	112.0	.0	.0	112.0	.0	.0	114.3	39
	STD	.0	.0	.0	.0	4.4	2.6	2.1	.0	.0	.0	.0	.0	.0	3.8	
6	MEAN	.0	.0	.0	.0	.0	126.5	125.7	125.0	.0	.0	122.0	.0	.0	125.8	14
	STD	.0	.0	.0	.0	.0	2.6	3.1	.0	.0	.0	.0	.0	.0	2.6	
7	MEAN	.0	.0	.0	.0	.0	.0	134.0	135.5	.0	.0	133.0	.0	.0	134.3	6
	STD	.0	.0	.0	.0	.0	.0	2.0	2.1	.0	.0	.0	.0	.0	1.9	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	143.5	.0	.0	141.0	.0	.0	142.7	3
	STD	.0	.0	.0	.0	.0	.0	.0	3.5	.0	.0	.0	.0	.0	2.9	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	149.0	.0	.0	149.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	
10	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	155.0	.0	.0	155.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	
11	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	158.0	.0	.0	158.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MARGIN	MEAN	.0	.0	101.6	111.2	120.1	133.0	135.3	145.0	.0	.0	158.0	.0	.0	113.0	
	STD	.0	.0	5.5	6.2	5.1	3.4	1.5	4.2	.0	.0	.0	.0	.0	143.6	
	NO.	0	0	36	57	25	8	3	2	0	0	1	0	0	132	

GREAT SOUTH CHANNEL

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 631401 DATE (MO-DAY-YR): 1-14-63
LOCATION: 406812 STATISTICAL AREA: 526 DEPTH (FM): 32

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	22.3	17.9	22.1	21.5	20.5	20.0	21.0	.0	.0	.0	.0	20.9	137
	STD	.0	.0	3.2	3.4	5.2	2.9	3.4	1.4	.0	.0	.0	.0	.0	3.4	
2	MEAN	.0	.0	49.9	41.3	43.9	45.6	44.5	41.5	48.0	.0	.0	.0	.0	44.9	137
	STD	.0	.0	4.9	5.5	6.6	4.6	4.9	.7	.0	.0	.0	.0	.0	5.3	
3	MEAN	.0	.0	84.6	69.8	72.1	76.4	73.1	75.0	80.0	.0	.0	.0	.0	75.2	137
	STD	.0	.0	3.5	6.2	7.8	4.7	4.7	1.4	.0	.0	.0	.0	.0	5.1	
4	MEAN	.0	.0	.0	98.4	102.1	108.9	105.4	105.5	107.0	.0	.0	.0	.0	106.1	128
	STD	.0	.0	.0	5.4	11.6	6.0	5.0	2.1	.0	.0	.0	.0	.0	7.3	
5	MEAN	.0	.0	.0	.0	121.9	127.0	123.0	123.0	121.0	.0	.0	.0	.0	125.7	108
	STD	.0	.0	.0	.0	6.7	5.3	5.2	1.4	.0	.0	.0	.0	.0	5.7	
6	MEAN	.0	.0	.0	.0	.0	137.4	133.1	134.0	131.0	.0	.0	.0	.0	136.3	99
	STD	.0	.0	.0	.0	.0	5.5	4.8	1.4	.0	.0	.0	.0	.0	5.6	
7	MEAN	.0	.0	.0	.0	.0	.0	139.4	140.0	138.0	.0	.0	.0	.0	139.4	25
	STD	.0	.0	.0	.0	.0	.0	4.4	2.8	.0	.0	.0	.0	.0	4.2	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	144.0	142.0	.0	.0	.0	.0	143.3	3
	STD	.0	.0	.0	.0	.0	.0	.0	2.8	.0	.0	.0	.0	.0	2.3	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	144.0	.0	.0	.0	.0	144.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	
MARGIN	MEAN	.0	.0	92.1	103.3	126.2	140.9	141.5	147.0	145.0	.0	.0	.0	.0	131.5	
	STD	.0	.0	2.1	3.8	7.3	5.7	4.6	1.4	.0	.0	.0	.0	.0	316.5	
	NO.	0	0	9	20	9	74	22	2	1	0	0	0	0	137	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 622512 DATE (MO-DAY-YR): 12-25-62
LOCATION: 406813 STATISTICAL AREA: 526 DEPTH (FM): 37

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	21.0	16.5	20.6	20.1	20.2	20.3	17.5	19.0	19.0	.0	.0	20.0	141
	STD	.0	.0	.0	5.4	3.9	3.7	3.8	5.3	4.8	.0	2.8	.0	.0	3.9	
2	MEAN	.0	.0	60.0	47.0	46.4	46.9	45.5	41.6	40.5	44.0	47.0	.0	.0	46.1	141
	STD	.0	.0	.0	8.6	4.2	6.3	5.8	7.3	5.1	.0	.0	.0	.0	6.3	
3	MEAN	.0	.0	91.0	77.3	75.7	78.0	75.3	73.8	73.5	76.0	77.0	.0	.0	76.9	141
	STD	.0	.0	.0	7.5	6.1	8.0	6.2	8.0	5.3	.0	1.4	.0	.0	7.5	
4	MEAN	.0	.0	.0	99.3	102.3	108.3	102.4	98.6	98.3	98.0	99.5	.0	.0	105.2	140
	STD	.0	.0	.0	6.0	9.1	4.7	7.7	7.4	6.1	.0	.7	.0	.0	7.0	
5	MEAN	.0	.0	.0	.0	118.9	125.5	121.1	118.3	117.8	116.0	120.0	.0	.0	123.2	136
	STD	.0	.0	.0	.0	7.2	4.5	6.0	5.2	8.5	.0	1.4	.0	.0	5.9	
6	MEAN	.0	.0	.0	.0	.0	134.6	132.3	132.3	128.3	135.0	131.5	.0	.0	133.6	128
	STD	.0	.0	.0	.0	.0	4.5	4.8	3.4	9.5	.0	4.9	.0	.0	4.8	
7	MEAN	.0	.0	.0	.0	.0	.0	139.4	139.4	138.5	143.0	141.0	.0	.0	139.5	50
	STD	.0	.0	.0	.0	.0	.0	5.1	3.9	5.8	.0	2.8	.0	.0	4.8	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	145.7	144.8	146.0	149.5	.0	.0	145.9	16
	STD	.0	.0	.0	.0	.0	.0	.0	4.3	4.3	.0	3.5	.0	.0	4.1	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	148.3	148.0	153.0	.0	.0	149.6	7
	STD	.0	.0	.0	.0	.0	.0	.0	.0	4.6	.0	4.2	.0	.0	4.4	
10	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	150.0	156.0	.0	.0	154.0	3
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	.0	.0	4.6	
11	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	157.0	.0	.0	157.0	2
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	.0	.0	4.2	
MARGIN	MEAN	.0	.0	100.0	116.3	123.3	137.4	141.1	147.6	149.8	151.0	158.0	.0	.0	138.1	
	STD	.0	.0	.0	7.5	9.1	4.7	5.2	4.2	5.0	.0	4.2	.0	.0	78.9	
	NO.	0	0	1	4	7	79	34	9	4	1	2	0	0	141	

Sea Scallop Mean Ring Size (mm)

Sample No.: 600510 Date (Mo-Day-Yr): 10-5-60 Depth (fm): 30
Location: 406942 Statistical Area: 526

Ring Number		Number of Rings 1	2	3	4	5	6	7	8	9	Total	Number
1	Mean						19.7				19.7	36
	STD						5.3				5.3	
2	Mean						46.7				46.7	36
	STD						6.2				6.2	
3	Mean						70.8				70.8	36
	STD						5.2				5.2	
4	Mean						89.3				89.3	36
	STD						4.5				4.5	
5	Mean						102.8				102.8	36
	STD						4.8				4.8	
6	Mean						112.9				112.9	36
	STD						4.6				4.6	
7	Mean											
	STD											
8	Mean											
	STD											
9	Mean											
	STD											
Margin	Mean						114.5					
	STD						4.9					
	No.						36					36

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 632201 DATE (MO-DAY-YR): 1-22-63
LOCATION: 406961 STATISTICAL AREA: 526 DEPTH (FM): 39

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	23.5	15.8	20.0	20.1	17.2	17.2	.0	.0	.0	.0	.0	18.6	124
	STD	.0	.0	4.9	3.6	4.3	4.6	3.8	3.0	.0	.0	.0	.0	.0	4.5	
2	MEAN	.0	.0	53.5	40.6	45.8	45.5	39.0	36.4	.0	.0	.0	.0	.0	43.5	124
	STD	.0	.0	2.1	6.0	5.6	6.9	5.5	5.0	.0	.0	.0	.0	.0	5.8	
3	MEAN	.0	.0	82.5	70.0	75.7	74.1	69.7	66.6	.0	.0	.0	.0	.0	72.9	124
	STD	.0	.0	3.5	6.0	8.0	8.4	7.5	8.9	.0	.0	.0	.0	.0	8.1	
4	MEAN	.0	.0	.0	98.2	102.2	104.4	96.8	92.8	.0	.0	.0	.0	.0	100.9	122
	STD	.0	.0	.0	5.5	8.5	7.5	10.5	8.5	.0	.0	.0	.0	.0	8.3	
5	MEAN	.0	.0	.0	.0	118.7	122.3	116.6	113.0	.0	.0	.0	.0	.0	119.5	91
	STD	.0	.0	.0	.0	8.2	6.7	8.5	9.5	.0	.0	.0	.0	.0	8.0	
6	MEAN	.0	.0	.0	.0	.0	131.7	127.6	126.0	.0	.0	.0	.0	.0	130.2	54
	STD	.0	.0	.0	.0	.0	5.8	6.7	8.2	.0	.0	.0	.0	.0	6.5	
7	MEAN	.0	.0	.0	.0	.0	.0	134.2	134.4	.0	.0	.0	.0	.0	134.3	18
	STD	.0	.0	.0	.0	.0	.0	6.2	7.0	.0	.0	.0	.0	.0	5.2	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	140.6	.0	.0	.0	.0	.0	140.6	5
	STD	.0	.0	.0	.0	.0	.0	.0	6.6	.0	.0	.0	.0	.0	6.6	
MARGIN	MEAN	.0	.0	93.0	104.5	123.3	135.2	137.2	142.8	.0	.0	.0	.0	.0	123.8	
	STD	.0	.0	2.8	6.5	8.5	5.7	6.8	5.7	.0	.0	.0	.0	.0	227.7	
	NO.	0	0	2	31	37	36	13	5	0	0	0	0	0	124	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 630802 DATE (MO-DAY-YR): 2- 8-63
LOCATION: 406843 STATISTICAL AREA: 525 DEPTH (FM): 37

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	20.3	20.1	22.5	22.0	22.5	28.5	22.0	.0	.0	.0	.0	21.8	82
	STD	.0	.0	3.2	3.8	4.0	3.7	3.7	6.4	.0	.0	.0	.0	.0	3.9	
2	MEAN	.0	.0	49.0	45.0	47.1	46.8	45.7	56.5	53.0	.0	.0	.0	.0	46.6	82
	STD	.0	.0	4.6	5.1	5.6	5.6	5.5	10.6	.0	.0	.0	.0	.0	5.7	
3	MEAN	.0	.0	83.7	76.1	77.0	76.4	76.6	89.5	83.0	.0	.0	.0	.0	77.1	82
	STD	.0	.0	9.2	5.9	6.3	6.1	6.7	2.1	.0	.0	.0	.0	.0	6.5	
4	MEAN	.0	.0	.0	103.1	102.6	104.1	102.3	115.0	103.0	.0	.0	.0	.0	103.5	79
	STD	.0	.0	.0	4.9	5.8	5.0	6.6	1.4	.0	.0	.0	.0	.0	5.6	
5	MEAN	.0	.0	.0	.0	122.4	122.1	120.8	133.0	117.0	.0	.0	.0	.0	122.2	57
	STD	.0	.0	.0	.0	6.7	4.2	5.5	1.4	.0	.0	.0	.0	.0	5.5	
6	MEAN	.0	.0	.0	.0	.0	133.7	132.7	140.0	126.0	.0	.0	.0	.0	133.5	43
	STD	.0	.0	.0	.0	.0	4.4	4.4	.0	.0	.0	.0	.0	.0	4.6	
7	MEAN	.0	.0	.0	.0	.0	.0	140.1	147.0	134.0	.0	.0	.0	.0	140.6	16
	STD	.0	.0	.0	.0	.0	.0	4.4	.0	.0	.0	.0	.0	.0	4.9	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	151.5	140.0	.0	.0	.0	.0	147.7	3
	STD	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	6.7	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	144.0	.0	.0	.0	.0	144.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	
MARGIN	MEAN	.0	.0	95.7	107.1	124.6	135.9	141.5	152.5	145.0	.0	.0	.0	.0	125.2	
	STD	.0	.0	2.3	4.7	6.7	4.6	4.4	.7	.0	.0	.0	.0	.0	247.4	
	NO.	0	0	3	22	14	27	13	2	1	0	0	0	0	82	

Sea Scallop Mean Ring Size (mm)

Sample No.: 603010 Date (Mo-Day-Yr): 10-30-60
Location: 416816 Statistical Area: 521 Depth (fm): 54

		Number of Rings 1	2	3	4	5	6	7	8	9	Total	Number
Ring Number												
1	Mean			24.1	26.2						24.3	104
	STD			3.6	3.5						3.6	
2	Mean			55.7	58.8						55.9	104
	STD			4.5	4.7						4.6	
3	Mean			79.3	83.5						79.4	104
	STD			4.3	4.6						4.4	
4	Mean				98.0						98.0	8
	STD				4.5						4.5	
5	Mean											
	STD											
6	Mean											
	STD											
7	Mean											
	STD											
8	Mean											
	STD											
9	Mean											
	STD											
Margin	Mean			97.4	108.7							
	STD			4.3	3.5							
	No.			96	8							104

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 632101 DATE (MO-DAY-YR): 1-21-63
LOCATION: 416816 STATISTICAL AREA: 521 DEPTH (FM): 43

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	23.0	16.1	16.4	17.2	17.3	16.8	20.5	.0	.0	.0	.0	16.9	125
	STD	.0	.0	.0	5.2	3.3	3.8	3.7	3.0	3.5	.0	.0	.0	.0	4.1	
2	MEAN	.0	.0	42.0	40.0	42.2	40.9	39.1	39.1	41.0	.0	.0	.0	.0	40.5	125
	STD	.0	.0	.0	7.9	6.1	5.3	6.0	4.8	.0	.0	.0	.0	.0	6.2	
3	MEAN	.0	.0	72.0	70.3	71.2	71.8	70.6	70.5	73.0	.0	.0	.0	.0	71.1	125
	STD	.0	.0	.0	9.6	6.6	6.9	7.6	5.8	.0	.0	.0	.0	.0	7.5	
4	MEAN	.0	.0	.0	103.0	102.2	102.4	100.1	100.2	102.0	.0	.0	.0	.0	102.1	124
	STD	.0	.0	.0	7.4	5.7	7.8	8.9	7.4	2.8	.0	.0	.0	.0	7.4	
5	MEAN	.0	.0	.0	.0	122.2	122.1	121.6	120.3	124.0	.0	.0	.0	.0	121.9	90
	STD	.0	.0	.0	.0	5.3	5.4	5.8	5.7	2.8	.0	.0	.0	.0	5.4	
6	MEAN	.0	.0	.0	.0	.0	133.6	133.6	131.5	137.5	.0	.0	.0	.0	133.4	73
	STD	.0	.0	.0	.0	.0	4.4	4.1	5.6	.7	.0	.0	.0	.0	4.5	
7	MEAN	.0	.0	.0	.0	.0	.0	141.4	138.8	145.0	.0	.0	.0	.0	140.7	26
	STD	.0	.0	.0	.0	.0	.0	3.9	6.1	1.4	.0	.0	.0	.0	5.0	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	142.8	148.0	.0	.0	.0	.0	143.7	12
	STD	.0	.0	.0	.0	.0	.0	.0	6.8	1.4	.0	.0	.0	.0	6.5	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	151.0	.0	.0	.0	.0	151.0	2
	STD	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	.0	.0	.0	1.4	
MARGIN	MEAN	.0	.0	80.0	107.6	126.1	137.1	144.3	144.4	153.5	.0	.0	.0	.0	128.8	
	STD	.0	.0	.0	7.0	7.3	4.6	3.9	6.9	3.5	.0	.0	.0	.0	258.5	
	NO.	0	0	1	34	17	47	14	10	2	0	0	0	0	125	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 581509 DATE (MO-DAY-YR): 9-15-58
LOCATION: 416826 STATISTICAL AREA: 522 DEPTH (FM): 34

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	18.0	21.4	23.9	23.8	20.6	18.9	.0	.0	.0	.0	.0	.0	19.5	1013
	STD	.0	4.1	4.0	4.4	5.8	4.6	3.8	.0	.0	.0	.0	.0	.0	4.8	
2	MEAN	.0	53.7	53.7	54.8	55.1	51.9	51.6	.0	.0	.0	.0	.0	.0	53.9	1014
	STD	.0	4.8	5.5	4.4	6.6	6.3	7.2	.0	.0	.0	.0	.0	.0	4.9	
3	MEAN	.0	.0	83.1	78.1	81.0	77.4	79.3	.0	.0	.0	.0	.0	.0	79.7	334
	STD	.0	.0	5.8	5.3	5.0	4.6	3.3	.0	.0	.0	.0	.0	.0	5.7	
4	MEAN	.0	.0	.0	97.3	99.1	96.5	97.2	.0	.0	.0	.0	.0	.0	97.4	241
	STD	.0	.0	.0	4.5	3.8	5.1	3.5	.0	.0	.0	.0	.0	.0	4.4	
5	MEAN	.0	.0	.0	.0	109.2	108.4	107.8	.0	.0	.0	.0	.0	.0	108.5	60
	STD	.0	.0	.0	.0	2.9	3.8	2.8	.0	.0	.0	.0	.0	.0	3.2	
6	MEAN	.0	.0	.0	.0	.0	117.9	116.4	.0	.0	.0	.0	.0	.0	117.2	37
	STD	.0	.0	.0	.0	.0	2.3	2.1	.0	.0	.0	.0	.0	.0	2.3	
7	MEAN	.0	.0	.0	.0	.0	.0	123.6	.0	.0	.0	.0	.0	.0	123.6	17
	STD	.0	.0	.0	.0	.0	.0	3.2	.0	.0	.0	.0	.0	.0	3.2	
MARGIN	MEAN	.0	74.4	95.2	104.3	112.9	121.1	125.9	.0	.0	.0	.0	.0	.0	84.1	
	STD	.0	4.4	5.6	3.6	3.1	2.1	3.4	.0	.0	.0	.0	.0	.0	239.8	
	NO.	0	700	94	179	25	20	17	0	0	0	0	0	0	1035	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 611004 DATE (MO-DAY-YR): 4-10-61
LOCATION: 416836 STATISTICAL AREA: 522 DEPTH (FM): 33

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	19.4	18.7	20.0	.0	.0	.0	.0	.0	.0	.0	.0	19.2	102
	STD	.0	.0	2.5	2.5	2.8	.0	.0	.0	.0	.0	.0	.0	.0	2.5	
2	MEAN	.0	.0	46.9	44.9	50.5	.0	.0	.0	.0	.0	.0	.0	.0	46.5	102
	STD	.0	.0	5.3	3.5	3.5	.0	.0	.0	.0	.0	.0	.0	.0	5.0	
3	MEAN	.0	.0	75.6	73.8	79.0	.0	.0	.0	.0	.0	.0	.0	.0	75.2	102
	STD	.0	.0	3.4	2.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	3.2	
4	MEAN	.0	.0	.0	104.1	112.0	.0	.0	.0	.0	.0	.0	.0	.0	104.7	26
	STD	.0	.0	.0	4.6	2.8	.0	.0	.0	.0	.0	.0	.0	.0	5.0	
5	MEAN	.0	.0	.0	.0	128.0	.0	.0	.0	.0	.0	.0	.0	.0	128.0	2
	STD	.0	.0	.0	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	4.2	
MARGIN	MEAN	.0	.0	88.2	111.3	132.5	.0	.0	.0	.0	.0	.0	.0	.0	94.5	
	STD	.0	.0	4.8	5.1	4.9	.0	.0	.0	.0	.0	.0	.0	.0	148.3	
	NO.	0	0	76	24	2	0	0	0	0	0	0	0	0	102	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 611904 DATE (MO-DAY-YR): 4-19-61
LOCATION: 416836 STATISTICAL AREA: 522 DEPTH (FM): 32

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	21.4	18.9	18.6	.0	.0	.0	.0	.0	.0	.0	.0	19.0	66
	STD	.0	.0	4.4	3.6	3.7	.0	.0	.0	.0	.0	.0	.0	.0	3.7	
2	MEAN	.0	.0	45.2	44.2	44.6	.0	.0	.0	.0	.0	.0	.0	.0	44.4	66
	STD	.0	.0	5.1	5.1	3.8	.0	.0	.0	.0	.0	.0	.0	.0	4.6	
3	MEAN	.0	.0	77.8	72.6	75.0	.0	.0	.0	.0	.0	.0	.0	.0	73.8	66
	STD	.0	.0	5.2	4.4	4.2	.0	.0	.0	.0	.0	.0	.0	.0	4.6	
4	MEAN	.0	.0	.0	105.5	105.7	.0	.0	.0	.0	.0	.0	.0	.0	105.5	61
	STD	.0	.0	.0	4.7	3.9	.0	.0	.0	.0	.0	.0	.0	.0	4.4	
5	MEAN	.0	.0	.0	.0	123.1	.0	.0	.0	.0	.0	.0	.0	.0	123.1	22
	STD	.0	.0	.0	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	3.6	
MARGIN	MEAN	.0	.0	93.8	113.6	126.5	.0	.0	.0	.0	.0	.0	.0	.0	116.4	
	STD	.0	.0	4.3	5.3	3.8	.0	.0	.0	.0	.0	.0	.0	.0	100.5	
	NO.	0	0	5	39	22	0	0	0	0	0	0	0	0	66	

Sea Scallop Mean Ring Size (mm)

Sample No.: 600610 Date (Mo-Day-Yr): 10-6-60
Location: 416944 Statistical Area: 521 Depth (fm): 26

		Number of Rings 1	2	3	4	5	6	7	8	9	Total	Number
Ring Number												
1	Mean			30.4							30.4	109
	STD			4.5							4.5	
2	Mean			55.2							55.2	109
	STD			5.0							5.0	
3	Mean			85.5							85.5	109
	STD			4.9							4.9	
4	Mean											
	STD											
5	Mean											
	STD											
6	Mean											
	STD											
7	Mean											
	STD											
8	Mean											
	STD											
9	Mean											
	STD											
Margin	Mean			104.6								
	STD			4.9								
	No.			109								109

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 630101 DATE (MO-DAY-YR): 1- 1-63
LOCATION: 416956 STATISTICAL AREA: 521 DEPTH (FM): 27

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	22.5	17.6	17.1	18.3	19.3	19.2	17.5	.0	.0	.0	.0	17.9	158
	STD	.0	.0	7.8	3.4	4.4	4.8	4.6	2.4	2.1	.0	.0	.0	.0	3.9	
2	MEAN	.0	.0	49.5	39.6	38.9	39.2	42.9	42.2	37.5	.0	.0	.0	.0	39.8	158
	STD	.0	.0	3.5	4.3	8.0	6.4	4.7	4.7	3.5	.0	.0	.0	.0	5.2	
3	MEAN	.0	.0	83.5	70.6	73.2	67.7	71.6	73.2	71.5	.0	.0	.0	.0	70.5	158
	STD	.0	.0	7.8	4.7	6.9	5.3	9.1	5.2	.7	.0	.0	.0	.0	5.6	
4	MEAN	.0	.0	.0	101.9	102.4	94.5	97.4	95.4	94.5	.0	.0	.0	.0	99.9	156
	STD	.0	.0	.0	5.5	8.4	5.0	7.5	4.2	3.5	.0	.0	.0	.0	6.4	
5	MEAN	.0	.0	.0	.0	121.5	113.2	117.3	113.2	111.5	.0	.0	.0	.0	115.1	56
	STD	.0	.0	.0	.0	6.9	5.2	6.5	4.3	.7	.0	.0	.0	.0	6.3	
6	MEAN	.0	.0	.0	.0	.0	126.8	129.4	123.4	129.0	.0	.0	.0	.0	126.9	46
	STD	.0	.0	.0	.0	.0	5.0	6.9	4.4	8.5	.0	.0	.0	.0	5.4	
7	MEAN	.0	.0	.0	.0	.0	.0	137.4	131.8	131.0	.0	.0	.0	.0	134.5	14
	STD	.0	.0	.0	.0	.0	.0	6.8	4.6	1.4	.0	.0	.0	.0	6.1	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	138.2	137.0	.0	.0	.0	.0	137.9	7
	STD	.0	.0	.0	.0	.0	.0	.0	5.9	.0	.0	.0	.0	.0	4.8	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	141.0	.0	.0	.0	.0	141.0	2
	STD	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	.0	.0	.0	1.4	
MARGIN	MEAN	.0	.0	98.5	105.8	127.3	129.8	141.1	140.6	143.0	.0	.0	.0	.0	115.0	
	STD	.0	.0	.7	5.5	7.0	5.0	5.5	4.9	.0	.0	.0	.0	.0	202.0	
	NO.	0	0	2	100	10	32	7	5	2	0	0	0	0	158	

SOUTHEAST PART

Sea Scallop Mean Ring Size (mm)

Sample No.: 591409 Date (Mo-Day-Yr): 09-14-59
Location: 406731 Statistical Area: 525 Depth (fm): 39

Ring Number		Number of Rings 1	2	3	4	5	6	7	8	9	Total	Number
1	Mean			26.7		19.8					24.3	62
	STD			4.2		6.0					5.9	
2	Mean			62.5		50.9					58.3	63
	STD			3.9		4.1					6.9	
3	Mean			87.7		80.6					84.9	66
	STD			2.6		4.2					4.8	
4	Mean					99.4					99.4	26
	STD					2.5					2.5	
5	Mean					112.1					112.1	26
	STD					2.1					2.1	
6	Mean											
	STD											
7	Mean											
	STD											
8	Mean											
	STD											
9	Mean											
	STD											
Margin	Mean			95.7		116.5						
	STD			2.2		2.3						
	No.			40		26					66	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 610505 DATE (MO-DAY-YR): 5- 5-61
LOCATION: 406731 STATISTICAL AREA: 525 DEPTH (FM): 41

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	26.3	23.8	23.3	23.9	25.7	30.0	.0	.0	20.0	.0	.0	.0	.0	24.0	163
	STD	.6	5.6	5.1	5.4	9.3	5.4	.0	.0	.0	.0	.0	.0	.0	5.6	
2	MEAN	.0	52.0	49.8	55.0	57.7	60.8	.0	.0	43.0	.0	.0	.0	.0	53.0	160
	STD	.0	5.8	5.7	6.2	12.3	7.0	.0	.0	.0	.0	.0	.0	.0	6.4	
3	MEAN	.0	.0	77.2	86.6	92.0	90.8	.0	.0	75.0	.0	.0	.0	.0	85.1	69
	STD	.0	.0	4.8	5.8	7.0	2.8	.0	.0	.0	.0	.0	.0	.0	6.9	
4	MEAN	.0	.0	.0	105.8	109.0	112.3	.0	.0	93.0	.0	.0	.0	.0	106.2	56
	STD	.0	.0	.0	5.4	5.3	3.0	.0	.0	.0	.0	.0	.0	.0	5.7	
5	MEAN	.0	.0	.0	.0	120.3	123.3	.0	.0	108.0	.0	.0	.0	.0	120.3	8
	STD	.0	.0	.0	.0	3.2	2.1	.0	.0	.0	.0	.0	.0	.0	5.6	
6	MEAN	.0	.0	.0	.0	.0	129.0	.0	.0	123.0	.0	.0	.0	.0	127.8	5
	STD	.0	.0	.0	.0	.0	3.2	.0	.0	.0	.0	.0	.0	.0	3.8	
7	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	132.0	.0	.0	.0	.0	132.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	140.0	.0	.0	.0	.0	140.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	143.0	.0	.0	.0	.0	143.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MARGIN	MEAN	63.7	82.1	94.6	118.2	129.0	132.8	.0	.0	145.0	.0	.0	.0	.0	95.8	
	STD	3.8	5.2	4.3	5.5	2.0	3.4	.0	.0	.0	.0	.0	.0	.0	366.7	
	NO.	3	92	13	48	3	4	0	0	1	0	0	0	0	164	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 591511 DATE (MO-DAY-YR): 11-15-59
LOCATION: 406731 STATISTICAL AREA: 525 DEPTH (FM): 41

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	33.6	26.9	24.0	21.1	21.7	23.3	19.0	29.0	.0	.0	.0	.0	26.7	453
	STD	.0	3.5	3.8	4.5	3.9	2.1	2.5	8.5	.0	.0	.0	.0	.0	4.1	
2	MEAN	.0	65.4	61.3	52.8	51.2	55.0	45.7	50.5	53.0	.0	.0	.0	.0	60.7	456
	STD	.0	4.0	3.8	2.6	4.5	5.6	4.0	13.4	.0	.0	.0	.0	.0	4.6	
3	MEAN	.0	.0	85.4	80.0	76.3	77.7	69.7	74.0	74.0	.0	.0	.0	.0	84.8	449
	STD	.0	.0	3.7	2.2	4.5	2.3	.6	12.7	.0	.0	.0	.0	.0	4.4	
4	MEAN	.0	.0	.0	97.2	96.2	94.0	93.3	91.0	93.0	.0	.0	.0	.0	95.4	28
	STD	.0	.0	.0	2.3	3.0	2.6	3.1	4.2	.0	.0	.0	.0	.0	3.2	
5	MEAN	.0	.0	.0	.0	107.3	107.7	107.7	105.5	112.0	.0	.0	.0	.0	107.5	22
	STD	.0	.0	.0	.0	2.3	4.0	3.1	2.1	.0	.0	.0	.0	.0	2.6	
6	MEAN	.0	.0	.0	.0	.0	115.7	116.0	115.5	125.0	.0	.0	.0	.0	116.8	9
	STD	.0	.0	.0	.0	.0	4.0	2.6	6.4	.0	.0	.0	.0	.0	4.5	
7	MEAN	.0	.0	.0	.0	.0	.0	122.3	123.5	134.0	.0	.0	.0	.0	124.7	6
	STD	.0	.0	.0	.0	.0	.0	2.1	10.6	.0	.0	.0	.0	.0	6.7	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	127.5	139.0	.0	.0	.0	.0	131.3	3
	STD	.0	.0	.0	.0	.0	.0	.0	13.4	.0	.0	.0	.0	.0	11.6	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	144.0	.0	.0	.0	.0	144.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	
MARGIN	MEAN	.0	83.3	94.3	104.5	112.5	120.0	125.3	129.5	145.0	.0	.0	.0	.0	95.4	
	STD	.0	2.8	6.0	2.4	2.5	4.6	2.5	13.4	.0	.0	.0	.0	.0	67.1	
	NO.	0	8	421	6	13	3	3	2	1	0	0	0	0	457	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 620406 DATE (MO-DAY-YR): 6- 4-62
LOCATION: 406741 STATISTICAL AREA: 525 DEPTH (FM): 43

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	20.9	21.3	21.2	22.8	24.8	22.5	.0	.0	.0	.0	.0	.0	22.0	105
	STD	.0	3.0	2.9	4.1	4.7	4.8	5.0	.0	.0	.0	.0	.0	.0	4.2	
2	MEAN	.0	48.0	47.3	44.3	45.2	46.1	44.6	.0	.0	.0	.0	.0	.0	45.7	105
	STD	.0	2.9	4.1	4.8	5.8	5.6	5.6	.0	.0	.0	.0	.0	.0	4.9	
3	MEAN	.0	.0	77.2	73.8	73.1	69.7	69.8	.0	.0	.0	.0	.0	.0	73.1	87
	STD	.0	.0	2.7	4.5	9.3	5.0	7.7	.0	.0	.0	.0	.0	.0	6.0	
4	MEAN	.0	.0	.0	103.1	97.6	92.6	90.0	.0	.0	.0	.0	.0	.0	98.3	72
	STD	.0	.0	.0	4.3	6.7	6.3	6.7	.0	.0	.0	.0	.0	.0	7.5	
5	MEAN	.0	.0	.0	.0	116.4	113.2	109.4	.0	.0	.0	.0	.0	.0	113.3	36
	STD	.0	.0	.0	.0	5.1	5.4	6.0	.0	.0	.0	.0	.0	.0	6.9	
6	MEAN	.0	.0	.0	.0	.0	126.8	123.6	.0	.0	.0	.0	.0	.0	125.8	25
	STD	.0	.0	.0	.0	.0	4.3	5.6	.0	.0	.0	.0	.0	.0	4.9	
7	MEAN	.0	.0	.0	.0	.0	.0	135.3	.0	.0	.0	.0	.0	.0	135.3	8
	STD	.0	.0	.0	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	4.0	
MARGIN	MEAN	.0	73.9	82.6	111.1	122.8	131.2	138.6	.0	.0	.0	.0	.0	.0	107.2	
	STD	.0	2.9	4.1	4.0	4.0	3.6	3.4	.0	.0	.0	.0	.0	.0	493.7	
	NO.	0	18	15	36	11	17	8	0	0	0	0	0	0	105	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 620306 DATE (MO-DAY-YR): 6- 3-62
LOCATION: 406761 STATISTICAL AREA: 525 DEPTH (FM): 46

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	19.8	19.6	.0	.0	.0	15.0	.0	.0	.0	.0	.0	.0	19.7	79
	STD	.0	3.2	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	
2	MEAN	.0	45.4	45.9	.0	.0	.0	33.0	.0	.0	.0	.0	.0	.0	45.3	79
	STD	.0	4.2	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	
3	MEAN	.0	.0	71.8	.0	.0	.0	62.0	.0	.0	.0	.0	.0	.0	70.9	11
	STD	.0	.0	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	
4	MEAN	.0	.0	.0	.0	.0	.0	87.0	.0	.0	.0	.0	.0	.0	87.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	
5	MEAN	.0	.0	.0	.0	.0	.0	107.0	.0	.0	.0	.0	.0	.0	107.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	
6	MEAN	.0	.0	.0	.0	.0	.0	121.0	.0	.0	.0	.0	.0	.0	121.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	
7	MEAN	.0	.0	.0	.0	.0	.0	129.0	.0	.0	.0	.0	.0	.0	129.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	
MARGIN	MEAN	.0	72.3	79.6	.0	.0	.0	133.0	.0	.0	.0	.0	.0	.0	74.0	
	STD	.0	4.5	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	69.6	
	NO.	0	68	10	0	0	0	1	0	0	0	0	0	0	79	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 631401 DATE (MO-DAY-YR): 1-14-63
LOCATION: 416616 STATISTICAL AREA: 524 DEPTH (FM): 39

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	.0	18.1	19.5	18.4	20.4	18.5	17.2	16.0	16.5	16.6	18.0	18.2	224
	STD	.0	.0	.0	3.3	3.8	3.5	6.7	3.9	4.4	2.1	3.5	3.8	2.2	3.7	
2	MEAN	.0	.0	.0	45.0	47.4	45.5	44.6	45.4	42.1	40.3	37.5	42.2	43.3	44.6	224
	STD	.0	.0	.0	5.3	5.5	5.8	9.4	8.0	8.5	4.6	4.7	3.1	6.7	6.2	
3	MEAN	.0	.0	.0	75.9	82.3	79.1	76.3	76.8	72.5	71.9	68.8	68.8	66.8	76.7	224
	STD	.0	.0	.0	6.9	7.0	7.3	6.6	7.4	11.8	6.4	9.9	5.0	9.3	8.2	
4	MEAN	.0	.0	.0	99.4	104.7	101.9	98.5	102.1	95.8	94.3	87.7	87.4	84.5	99.4	224
	STD	.0	.0	.0	5.5	5.4	6.3	6.6	7.0	9.2	5.5	10.7	7.0	8.4	7.7	
5	MEAN	.0	.0	.0	.0	119.3	117.8	111.6	112.8	109.6	106.3	100.2	99.0	97.0	113.6	149
	STD	.0	.0	.0	.0	4.4	5.9	5.1	5.6	7.4	4.5	8.0	7.1	9.5	8.9	
6	MEAN	.0	.0	.0	.0	.0	126.4	121.8	122.0	117.5	114.4	110.0	107.8	104.3	121.1	122
	STD	.0	.0	.0	.0	.0	5.4	4.9	5.0	5.5	4.2	7.4	7.3	8.5	8.8	
7	MEAN	.0	.0	.0	.0	.0	.0	129.0	128.5	124.0	120.6	116.0	114.6	109.5	121.8	59
	STD	.0	.0	.0	.0	.0	.0	5.3	5.2	5.2	4.5	7.1	5.3	6.5	8.1	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	133.3	128.8	125.5	119.9	120.6	114.5	125.4	51
	STD	.0	.0	.0	.0	.0	.0	.0	5.2	4.9	4.8	6.8	5.9	6.9	7.9	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	132.7	129.2	123.5	124.0	118.3	126.9	40
	STD	.0	.0	.0	.0	.0	.0	.0	.0	4.7	4.9	6.7	5.6	5.0	7.0	
10	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	132.8	125.7	127.4	121.8	128.1	30
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	9.1	4.5	5.0	7.4	
11	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	129.1	130.2	124.5	128.4	19
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	3.8	4.2	5.5	
12	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	132.6	127.5	130.3	9
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	4.1	4.3	
13	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	130.0	130.0	4
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	4.2	
MARGIN	MEAN	.0	.0	.0	103.6	125.5	128.7	130.9	135.8	134.3	134.5	130.5	134.6	131.5	121.1	
	STD	.0	.0	.0	5.0	4.8	5.2	5.4	5.2	4.8	4.5	6.4	3.6	3.7	187.1	
	NO.	0	0	0	75	27	63	8	11	10	11	10	5	4	224	

NORTHEAST PEAK

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 591505 DATE (MO-DAY-YR): 5-15-59
LOCATION: 416633 STATISTICAL AREA: 524 DEPTH (FM): 47

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	18.2	17.8	20.4	21.2	17.9	15.5	17.0	.0	.0	.0	.0	.0	18.7	821
	STD	.0	6.5	5.4	5.1	5.6	4.8	3.4	.0	.0	.0	.0	.0	.0	5.6	
2	MEAN	.0	56.0	47.9	47.3	47.5	45.6	44.3	43.0	.0	.0	.0	.0	.0	48.6	908
	STD	.0	6.4	4.7	6.1	5.9	4.4	5.8	.0	.0	.0	.0	.0	.0	5.0	
3	MEAN	.0	.0	82.2	75.5	74.4	70.3	74.0	70.0	.0	.0	.0	.0	.0	79.3	811
	STD	.0	.0	4.6	6.1	6.8	5.3	4.5	.0	.0	.0	.0	.0	.0	5.5	
4	MEAN	.0	.0	.0	95.2	92.3	89.5	93.5	86.0	.0	.0	.0	.0	.0	93.7	310
	STD	.0	.0	.0	5.5	5.5	5.1	7.3	.0	.0	.0	.0	.0	.0	5.8	
5	MEAN	.0	.0	.0	.0	106.2	103.9	106.5	99.0	.0	.0	.0	.0	.0	105.6	131
	STD	.0	.0	.0	.0	3.9	3.1	6.1	.0	.0	.0	.0	.0	.0	4.0	
6	MEAN	.0	.0	.0	.0	.0	114.3	116.9	109.0	.0	.0	.0	.0	.0	114.7	41
	STD	.0	.0	.0	.0	.0	2.6	4.2	.0	.0	.0	.0	.0	.0	3.2	
7	MEAN	.0	.0	.0	.0	.0	.0	122.4	114.0	.0	.0	.0	.0	.0	121.4	9
	STD	.0	.0	.0	.0	.0	.0	4.6	.0	.0	.0	.0	.0	.0	5.1	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	119.0	.0	.0	.0	.0	.0	119.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	
MARGIN	MEAN	.0	77.0	96.0	105.2	112.9	118.6	124.9	122.0	.0	.0	.0	.0	.0	98.4	
	STD	.0	6.6	4.4	4.1	3.4	3.1	4.2	.0	.0	.0	.0	.0	.0	125.6	
	NO.	0	103	501	179	90	32	8	1	0	0	0	0	0	914	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 612609 DATE (MO-DAY-YR): 9-26-61
LOCATION: 416635 STATISTICAL AREA: 524 DEPTH (FM): 48

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	18.2	18.7	20.1	19.2	15.7	20.3	14.8	16.5	16.5	.0	.0	.0	19.0	216
	STD	.0	2.9	3.3	3.3	2.7	3.1	3.7	3.1	2.1	3.5	.0	.0	.0	3.3	
2	MEAN	.0	41.2	42.9	46.4	45.1	37.9	44.2	36.6	41.5	43.5	.0	.0	.0	43.9	217
	STD	.0	2.8	4.1	4.7	5.9	5.1	4.7	7.7	9.2	3.5	.0	.0	.0	5.4	
3	MEAN	.0	.0	71.8	76.4	75.8	66.8	70.7	62.4	67.5	67.0	.0	.0	.0	74.0	173
	STD	.0	.0	3.0	6.3	6.7	5.2	5.4	8.9	3.5	5.7	.0	.0	.0	7.0	
4	MEAN	.0	.0	.0	96.6	96.0	92.0	93.7	82.4	88.5	85.5	.0	.0	.0	95.1	159
	STD	.0	.0	.0	5.4	5.6	3.1	4.2	8.8	7.8	7.8	.0	.0	.0	6.1	
5	MEAN	.0	.0	.0	.0	108.2	107.5	105.3	100.0	104.0	102.0	.0	.0	.0	107.0	95
	STD	.0	.0	.0	.0	4.7	3.2	4.3	4.1	2.8	4.2	.0	.0	.0	4.9	
6	MEAN	.0	.0	.0	.0	.0	117.3	113.4	110.2	114.0	112.5	.0	.0	.0	114.0	37
	STD	.0	.0	.0	.0	.0	4.3	4.4	2.4	4.2	2.1	.0	.0	.0	4.5	
7	MEAN	.0	.0	.0	.0	.0	.0	119.2	117.8	120.0	117.5	.0	.0	.0	118.9	27
	STD	.0	.0	.0	.0	.0	.0	4.4	1.3	4.2	.7	.0	.0	.0	3.8	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	123.2	125.0	123.5	.0	.0	.0	123.7	9
	STD	.0	.0	.0	.0	.0	.0	.0	1.8	4.2	.7	.0	.0	.0	2.1	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	129.5	128.0	.0	.0	.0	128.8	4
	STD	.0	.0	.0	.0	.0	.0	.0	.0	3.5	1.4	.0	.0	.0	2.4	
10	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	131.0	.0	.0	.0	131.0	2
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	.0	.0	1.4	
MARGIN	MEAN	.0	66.0	79.3	105.5	110.5	120.3	121.6	125.6	130.5	131.5	.0	.0	.0	100.1	
	STD	.0	4.8	8.1	7.1	5.2	4.3	4.5	2.0	4.9	.7	.0	.0	.0	425.7	
	NO.	0	44	14	64	58	10	18	5	2	2	0	0	0	217	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 610501 DATE (MO-DAY-YR): 1- 5-61
LOCATION: 416643 STATISTICAL AREA: 524 DEPTH (FM): 47

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	9.0	17.5	16.5	22.1	18.6	17.0	20.5	.0	.0	.0	.0	17.8	74
	STD	.0	.0	.0	4.0	5.5	4.4	3.6	5.2	.7	.0	.0	.0	.0	4.9	
2	MEAN	.0	.0	41.0	45.0	41.6	49.3	46.0	46.0	44.0	.0	.0	.0	.0	44.5	74
	STD	.0	.0	.0	4.1	5.7	5.8	5.2	6.5	7.1	.0	.0	.0	.0	5.6	
3	MEAN	.0	.0	70.0	71.2	63.3	70.9	69.8	73.3	69.0	.0	.0	.0	.0	68.3	74
	STD	.0	.0	.0	4.3	5.5	6.5	6.2	4.5	1.4	.0	.0	.0	.0	6.3	
4	MEAN	.0	.0	.0	91.4	83.3	90.6	86.7	91.0	90.0	.0	.0	.0	.0	87.7	73
	STD	.0	.0	.0	3.9	4.1	6.3	6.0	3.2	4.2	.0	.0	.0	.0	5.7	
5	MEAN	.0	.0	.0	.0	100.3	103.2	101.1	101.5	102.5	.0	.0	.0	.0	101.2	52
	STD	.0	.0	.0	.0	3.0	4.7	5.4	4.7	3.5	.0	.0	.0	.0	4.1	
6	MEAN	.0	.0	.0	.0	.0	113.1	112.5	111.3	115.0	.0	.0	.0	.0	112.7	27
	STD	.0	.0	.0	.0	.0	4.2	4.9	4.3	1.4	.0	.0	.0	.0	4.3	
7	MEAN	.0	.0	.0	.0	.0	.0	118.9	119.3	123.0	.0	.0	.0	.0	119.4	18
	STD	.0	.0	.0	.0	.0	.0	3.8	3.3	.0	.0	.0	.0	.0	3.6	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	124.5	126.0	.0	.0	.0	.0	125.0	6
	STD	.0	.0	.0	.0	.0	.0	.0	3.1	1.4	.0	.0	.0	.0	2.6	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	129.0	.0	.0	.0	.0	129.0	2
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MARGIN	MEAN	.0	.0	89.0	100.9	108.8	117.9	122.8	127.3	132.0	.0	.0	.0	.0	111.3	
	STD	.0	.0	.0	3.6	2.8	3.5	2.5	2.2	.0	.0	.0	.0	.0	101.4	
	NO.	0	0	1	21	25	9	12	4	2	0	0	0	0	74	

Sea Scallop Mean Ring Size (mm)

Sample No.: 582106 Date (Mo-Day-Yr): 6-21-58
Location: 416644 Statistical Area: 524 Depth (fm): 54

		Number of Rings										
		1	2	3	4	5	6	7	8	9	Total	Number
Ring Number												
1	Mean			14.9	16.9	18.2	16.8	15.7	19.6		16.8	145
	STD			3.1	4.6	5.0	5.2	4.5	5.2		4.7	
2	Mean			33.1	42.8	43.2	42.8	41.2	38.8		41.1	
	STD			4.2	5.2	5.8	7.1	4.7	8.3		6.5	
3	Mean			64.4	70.0	68.1	68.0	65.2	63.0		67.4	178
	STD			4.1	3.8	5.6	7.0	4.3	6.4		5.4	
4	Mean				90.6	86.1	86.1	84.0	80.8		87.0	151
	STD				3.2	4.8	5.6	3.7	5.0		5.1	
5	Mean					98.5	96.9	96.0	93.0		97.1	103
	STD					4.1	4.0	3.6	3.5		4.1	
6	Mean						104.8	104.3	102.5		104.4	64
	STD						3.7	3.5	2.3		3.5	
7	Mean							110.9	109.5		110.7	34
	STD							3.8	2.8		3.7	
8	Mean								114.7		114.7	5
	STD								2.7		2.7	
9	Mean											
	STD											
Margin	Mean											
	STD											
	No.			27	48	39	30	29	5			178

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 620206 DATE (MO-DAY-YR): 6- 2-62
LOCATION: 416644 STATISTICAL AREA: 524 DEPTH (FM): 50

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	19.1	21.0	23.1	20.4	20.3	17.7	16.7	21.0	21.0	.0	.0	.0	20.3	391
	STD	.0	2.8	3.2	4.2	3.0	3.5	3.4	1.2	1.4	.0	.0	.0	.0	3.4	
2	MEAN	.0	45.5	46.0	47.6	43.5	44.3	38.6	41.0	47.0	49.0	.0	.0	.0	45.6	391
	STD	.0	3.7	3.2	2.3	2.6	4.3	4.6	4.0	2.8	.0	.0	.0	.0	3.6	
3	MEAN	.0	.0	74.4	74.9	71.4	74.3	70.0	72.3	73.5	76.0	.0	.0	.0	74.1	247
	STD	.0	.0	2.9	2.9	2.2	6.0	2.4	3.8	4.9	.0	.0	.0	.0	3.4	
4	MEAN	.0	.0	.0	94.4	91.8	95.6	92.1	93.7	93.0	93.0	.0	.0	.0	93.9	82
	STD	.0	.0	.0	1.8	3.6	5.3	2.1	3.1	.0	.0	.0	.0	.0	3.6	
5	MEAN	.0	.0	.0	.0	105.1	109.5	107.3	107.7	106.0	102.0	.0	.0	.0	107.3	51
	STD	.0	.0	.0	.0	2.7	5.0	3.2	2.5	.0	.0	.0	.0	.0	4.2	
6	MEAN	.0	.0	.0	.0	.0	118.4	117.1	115.7	118.0	113.0	.0	.0	.0	117.7	34
	STD	.0	.0	.0	.0	.0	4.0	3.6	2.1	1.4	.0	.0	.0	.0	3.7	
7	MEAN	.0	.0	.0	.0	.0	.0	123.9	122.0	122.5	120.0	.0	.0	.0	122.9	13
	STD	.0	.0	.0	.0	.0	.0	2.9	2.0	.7	.0	.0	.0	.0	2.5	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	127.0	128.0	126.0	.0	.0	.0	127.2	6
	STD	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	1.0	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	131.0	129.0	.0	.0	.0	130.3	3
	STD	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	.0	.0	.0	1.5	
10	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	135.0	.0	.0	.0	135.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	
MARGIN	MEAN	.0	64.0	88.1	99.7	111.1	121.7	125.9	128.7	133.5	136.0	.0	.0	.0	84.3	
	STD	.0	6.6	4.0	4.0	3.4	4.0	3.3	.6	2.1	.0	.0	.0	.0	375.3	
	NO.	0	144	165	31	17	21	7	3	2	1	0	0	0	391	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 623005 DATE (MO-DAY-YR): 5-30-62
LOCATION: 416652 STATISTICAL AREA: 524 DEPTH (FM): 47

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	17.5	20.6	18.7	22.8	20.6	21.7	21.0	17.0	.0	.0	.0	.0	21.0	49
	STD	.0	.7	3.4	2.7	3.7	4.4	4.1	.0	.0	.0	.0	.0	.0	3.8	
2	MEAN	.0	38.5	41.8	38.3	46.7	39.8	41.3	42.0	34.0	.0	.0	.0	.0	42.3	49
	STD	.0	2.1	2.5	3.2	4.3	4.8	6.5	.0	.0	.0	.0	.0	.0	5.2	
3	MEAN	.0	.0	69.0	62.7	74.9	64.9	65.0	68.0	63.0	.0	.0	.0	.0	68.8	47
	STD	.0	.0	1.9	3.6	5.0	6.2	7.8	.0	.0	.0	.0	.0	.0	6.8	
4	MEAN	.0	.0	.0	88.2	98.5	90.3	89.8	89.0	81.0	.0	.0	.0	.0	93.1	38
	STD	.0	.0	.0	5.3	5.7	8.9	7.3	.0	.0	.0	.0	.0	.0	8.0	
5	MEAN	.0	.0	.0	.0	116.3	107.8	107.5	110.0	99.0	.0	.0	.0	.0	111.8	32
	STD	.0	.0	.0	.0	6.1	6.4	8.3	.0	.0	.0	.0	.0	.0	7.9	
6	MEAN	.0	.0	.0	.0	.0	122.1	121.0	126.0	117.0	.0	.0	.0	.0	121.6	16
	STD	.0	.0	.0	.0	.0	4.8	5.1	.0	.0	.0	.0	.0	.0	4.7	
7	MEAN	.0	.0	.0	.0	.0	.0	129.7	134.0	128.0	.0	.0	.0	.0	130.0	8
	STD	.0	.0	.0	.0	.0	.0	4.6	.0	.0	.0	.0	.0	.0	4.2	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	139.0	133.0	.0	.0	.0	.0	136.0	2
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	140.0	.0	.0	.0	.0	140.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	
MARGIN	MEAN	.0	65.0	84.0	98.2	123.3	126.9	133.2	143.0	141.0	.0	.0	.0	.0	113.2	
	STD	.0	7.1	7.7	5.7	5.0	5.1	4.8	.0	.0	.0	.0	.0	.0	462.9	
	NO.	0	2	9	6	16	8	6	1	1	0	0	0	0	49	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 621609 DATE (MO-DAY-YR): 9-16-62
LOCATION: 416653 STATISTICAL AREA: 524 DEPTH (FM): 47

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	22.6	22.2	23.6	23.2	22.7	22.5	19.6	20.0	.0	.0	.0	.0	22.7	368
	STD	.0	2.9	3.4	3.3	3.9	4.8	4.6	3.6	.0	.0	.0	.0	.0	3.6	
2	MEAN	.0	49.5	49.3	47.6	48.8	48.0	46.3	40.8	49.0	.0	.0	.0	.0	48.4	368
	STD	.0	3.4	3.5	4.4	6.2	6.9	5.6	6.2	.0	.0	.0	.0	.0	5.0	
3	MEAN	.0	.0	75.9	72.8	75.6	73.8	72.4	67.2	81.0	.0	.0	.0	.0	74.0	279
	STD	.0	.0	3.4	5.0	6.2	6.6	5.4	6.6	.0	.0	.0	.0	.0	5.5	
4	MEAN	.0	.0	.0	92.3	96.4	93.5	93.9	89.8	101.0	.0	.0	.0	.0	93.6	201
	STD	.0	.0	.0	4.0	5.1	5.5	4.8	8.6	.0	.0	.0	.0	.0	5.2	
5	MEAN	.0	.0	.0	.0	110.2	108.6	108.3	106.9	114.0	.0	.0	.0	.0	109.0	121
	STD	.0	.0	.0	.0	5.3	5.2	3.6	6.4	.0	.0	.0	.0	.0	5.1	
6	MEAN	.0	.0	.0	.0	.0	118.1	118.3	117.8	124.0	.0	.0	.0	.0	118.2	76
	STD	.0	.0	.0	.0	.0	5.0	3.3	5.1	.0	.0	.0	.0	.0	4.5	
7	MEAN	.0	.0	.0	.0	.0	.0	124.8	124.2	128.0	.0	.0	.0	.0	124.7	35
	STD	.0	.0	.0	.0	.0	.0	3.6	4.8	.0	.0	.0	.0	.0	3.9	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	129.4	132.0	.0	.0	.0	.0	129.6	11
	STD	.0	.0	.0	.0	.0	.0	.0	4.6	.0	.0	.0	.0	.0	4.5	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	135.0	.0	.0	.0	.0	135.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	
MARGIN	MEAN	.0	72.5	83.9	95.6	116.1	121.4	127.9	131.6	138.0	.0	.0	.0	.0	96.1	
	STD	.0	3.6	3.8	4.4	6.2	5.2	4.0	4.3	.0	.0	.0	.0	.0	412.3	
	NO.	0	89	78	80	45	41	24	10	1	0	0	0	0	368	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 621509 DATE (MO-DAY-YR): 9-15-62
LOCATION: 416663 STATISTICAL AREA: 524 DEPTH (FM): 60

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	22.4	20.2	22.2	19.2	17.2	22.0	10.0	23.0	14.7	18.5	17.0	17.0	20.1	72
	STD	.0	2.1	2.5	4.1	5.5	3.8	5.5	.0	2.6	6.5	6.4	.0	.0	4.8	
2	MEAN	.0	44.0	43.2	40.5	39.4	33.7	42.0	31.0	50.0	37.0	38.5	38.0	38.0	39.9	72
	STD	.0	2.1	6.5	4.4	7.4	7.2	8.5	.0	1.0	4.4	9.2	.0	.0	6.6	
3	MEAN	.0	.0	61.2	56.7	55.0	55.0	61.8	49.0	67.0	57.0	60.0	53.0	52.0	57.1	67
	STD	.0	.0	5.3	4.4	5.9	6.1	11.9	.0	1.0	6.9	4.2	.0	.0	6.2	
4	MEAN	.0	.0	.0	73.9	67.4	65.3	73.5	72.0	79.0	73.3	74.0	69.0	70.0	71.1	62
	STD	.0	.0	.0	4.6	4.2	5.3	11.7	.0	1.0	7.6	2.8	.0	.0	6.3	
5	MEAN	.0	.0	.0	.0	81.9	74.8	78.5	84.0	88.0	84.0	83.5	80.0	81.0	80.4	39
	STD	.0	.0	.0	.0	3.5	4.5	10.3	.0	2.0	7.0	.7	.0	.0	6.0	
6	MEAN	.0	.0	.0	.0	.0	84.9	83.5	89.0	94.7	93.0	91.5	86.0	87.0	87.6	25
	STD	.0	.0	.0	.0	.0	4.3	9.0	.0	2.1	8.2	3.5	.0	.0	6.4	
7	MEAN	.0	.0	.0	.0	.0	.0	89.3	93.0	96.7	98.0	97.5	91.0	92.0	94.1	15
	STD	.0	.0	.0	.0	.0	.0	7.6	.0	2.1	10.5	3.5	.0	.0	6.6	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	97.0	98.3	100.3	100.0	95.0	96.0	98.5	11
	STD	.0	.0	.0	.0	.0	.0	.0	.0	2.3	9.7	2.8	.0	.0	4.9	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	101.0	103.0	103.0	99.0	99.0	101.6	10
	STD	.0	.0	.0	.0	.0	.0	.0	.0	1.7	9.2	4.2	.0	.0	4.9	
10	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	110.0	105.0	101.0	101.0	105.3	6
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	5.7	.0	.0	5.7	
11	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	106.0	102.0	102.0	104.0	4
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	.0	.0	4.0	
12	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	103.0	104.0	103.5	2
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	
13	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	106.0	106.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MARGIN	MEAN	.0	59.4	69.4	81.2	87.9	89.2	91.8	101.0	102.7	74.3	106.5	104.0	107.0	84.1	
	STD	.0	3.2	6.0	5.5	3.7	3.6	8.1	.0	.6	64.5	6.4	.0	.0	257.1	
	NO.	0	5	5	23	14	10	4	1	3	3	2	1	1	72	

NORTHERN EDGE

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 590303 DATE (MO-DAY-YR): 3- 3-59
LOCATION: 416621 STATISTICAL AREA: 523 DEPTH (FM): 34

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	22.0	22.7	19.2	24.0	20.0	.0	.0	.0	.0	.0	.0	.0	22.3	100
	STD	.0	.0	4.9	5.7	5.7	3.6	.0	.0	.0	.0	.0	.0	.0	4.9	
2	MEAN	.0	49.0	52.2	46.1	47.0	48.0	.0	.0	.0	.0	.0	.0	.0	51.4	100
	STD	.0	.0	5.3	4.7	4.2	4.8	.0	.0	.0	.0	.0	.0	.0	5.5	
3	MEAN	.0	.0	77.8	72.3	73.5	76.0	.0	.0	.0	.0	.0	.0	.0	77.2	99
	STD	.0	.0	5.1	5.0	.7	5.5	.0	.0	.0	.0	.0	.0	.0	5.2	
4	MEAN	.0	.0	.0	94.3	97.5	93.8	.0	.0	.0	.0	.0	.0	.0	94.6	15
	STD	.0	.0	.0	5.3	3.5	7.5	.0	.0	.0	.0	.0	.0	.0	5.5	
5	MEAN	.0	.0	.0	.0	113.0	112.0	.0	.0	.0	.0	.0	.0	.0	112.3	6
	STD	.0	.0	.0	.0	4.2	2.8	.0	.0	.0	.0	.0	.0	.0	2.9	
6	MEAN	.0	.0	.0	.0	.0	123.3	.0	.0	.0	.0	.0	.0	.0	123.3	4
	STD	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	
MARGIN	MEAN	.0	63.0	96.7	108.6	121.0	130.5	.0	.0	.0	.0	.0	.0	.0	99.3	
	STD	.0	.0	5.1	4.6	2.8	1.9	.0	.0	.0	.0	.0	.0	.0	99.3	
	NO.	0	1	84	9	2	4	0	0	0	0	0	0	0	100	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 611508 DATE (MO-DAY-YR): 8-15-61
LOCATION: 416621 STATISTICAL AREA: 523 DEPTH (FM): 36

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	18.3	16.9	16.6	17.8	17.1	15.0	.0	.0	.0	.0	.0	17.9	334
	STD	.0	.0	5.6	3.8	3.8	4.8	4.1	.0	.0	.0	.0	.0	.0	5.1	
2	MEAN	.0	.0	47.7	48.0	46.1	45.7	41.8	45.0	.0	.0	.0	.0	.0	47.2	335
	STD	.0	.0	4.2	5.4	5.4	6.3	1.9	.0	.0	.0	.0	.0	.0	4.7	
3	MEAN	.0	.0	77.5	79.8	80.1	77.7	76.9	80.0	.0	.0	.0	.0	.0	78.1	336
	STD	.0	.0	5.1	5.2	6.6	6.1	3.5	.0	.0	.0	.0	.0	.0	5.4	
4	MEAN	.0	.0	.0	100.3	102.0	98.9	99.1	95.0	.0	.0	.0	.0	.0	100.5	113
	STD	.0	.0	.0	4.5	5.2	5.5	5.9	.0	.0	.0	.0	.0	.0	5.1	
5	MEAN	.0	.0	.0	.0	117.9	114.5	115.1	110.0	.0	.0	.0	.0	.0	116.4	68
	STD	.0	.0	.0	.0	5.4	4.7	4.2	.0	.0	.0	.0	.0	.0	5.2	
6	MEAN	.0	.0	.0	.0	.0	126.8	128.1	119.0	.0	.0	.0	.0	.0	126.9	31
	STD	.0	.0	.0	.0	.0	4.3	3.7	.0	.0	.0	.0	.0	.0	4.3	
7	MEAN	.0	.0	.0	.0	.0	.0	135.4	128.0	.0	.0	.0	.0	.0	134.7	10
	STD	.0	.0	.0	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	4.3	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	134.0	.0	.0	.0	.0	.0	134.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	
MARGIN	MEAN	.0	.0	94.0	111.8	125.8	133.5	139.3	139.0	.0	.0	.0	.0	.0	103.7	
	STD	.0	.0	5.2	4.2	5.5	4.3	3.3	.0	.0	.0	.0	.0	.0	243.9	
	NO.	0	0	223	45	37	21	9	1	0	0	0	0	0	336	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 611708 DATE (MO-DAY-YR): 8-17-61
LOCATION: 416621 STATISTICAL AREA: 523 DEPTH (FM): 38

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	18.8	19.5	20.3	17.7	16.2	19.6	18.0	.0	.0	.0	.0	.0	19.1	134
	STD	.0	3.8	4.8	4.0	4.1	3.5	4.0	.0	.0	.0	.0	.0	.0	4.4	
2	MEAN	.0	54.3	49.0	50.6	46.6	45.0	46.4	46.0	.0	.0	.0	.0	.0	48.6	135
	STD	.0	4.5	5.2	4.1	4.2	4.9	4.3	.0	.0	.0	.0	.0	.0	5.1	
3	MEAN	.0	.0	79.2	81.9	80.2	77.3	78.0	80.0	.0	.0	.0	.0	.0	79.7	129
	STD	.0	.0	6.2	4.2	5.6	7.0	5.1	.0	.0	.0	.0	.0	.0	5.8	
4	MEAN	.0	.0	.0	102.2	101.2	100.2	98.4	100.0	.0	.0	.0	.0	.0	101.1	68
	STD	.0	.0	.0	3.6	5.1	3.7	3.5	.0	.0	.0	.0	.0	.0	4.2	
5	MEAN	.0	.0	.0	.0	117.2	115.8	115.4	118.0	.0	.0	.0	.0	.0	116.6	43
	STD	.0	.0	.0	.0	5.3	3.2	1.6	.0	.0	.0	.0	.0	.0	4.4	
6	MEAN	.0	.0	.0	.0	.0	127.8	128.9	131.0	.0	.0	.0	.0	.0	128.4	18
	STD	.0	.0	.0	.0	.0	3.8	3.3	.0	.0	.0	.0	.0	.0	3.5	
7	MEAN	.0	.0	.0	.0	.0	.0	135.7	141.0	.0	.0	.0	.0	.0	136.4	8
	STD	.0	.0	.0	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	3.6	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	148.0	.0	.0	.0	.0	.0	148.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	
MARGIN	MEAN	.0	77.7	94.5	111.9	125.2	133.7	139.6	151.0	.0	.0	.0	.0	.0	108.3	
	STD	.0	3.3	6.1	4.0	5.8	5.1	3.3	.0	.0	.0	.0	.0	.0	325.3	
	NO.	0	6	61	25	25	10	7	1	0	0	0	0	0	135	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 620712 DATE (MO-DAY-YR): 12- 7-62
LOCATION: 416741 STATISTICAL AREA: 523 DEPTH (FM): 30

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	16.8	17.0	17.1	16.4	16.8	24.0	.0	.0	.0	.0	.0	16.9	164
	STD	.0	.0	2.6	2.6	3.4	3.0	3.7	.0	.0	.0	.0	.0	.0	3.1	
2	MEAN	.0	.0	51.0	49.4	51.1	52.0	53.6	50.0	.0	.0	.0	.0	.0	51.1	164
	STD	.0	.0	5.5	6.6	8.1	6.4	5.8	.0	.0	.0	.0	.0	.0	5.9	
3	MEAN	.0	.0	87.2	81.4	86.9	89.4	90.7	79.0	.0	.0	.0	.0	.0	86.3	164
	STD	.0	.0	5.5	7.6	9.0	6.7	7.2	.0	.0	.0	.0	.0	.0	8.3	
4	MEAN	.0	.0	.0	109.9	111.6	114.3	117.0	110.0	.0	.0	.0	.0	.0	112.4	152
	STD	.0	.0	.0	8.1	8.6	6.2	8.8	.0	.0	.0	.0	.0	.0	8.2	
5	MEAN	.0	.0	.0	.0	127.6	127.7	132.2	131.0	.0	.0	.0	.0	.0	128.5	106
	STD	.0	.0	.0	.0	8.1	5.7	7.4	.0	.0	.0	.0	.0	.0	7.4	
6	MEAN	.0	.0	.0	.0	.0	135.7	139.8	140.0	.0	.0	.0	.0	.0	137.3	56
	STD	.0	.0	.0	.0	.0	5.8	6.9	.0	.0	.0	.0	.0	.0	5.4	
7	MEAN	.0	.0	.0	.0	.0	.0	146.5	147.0	.0	.0	.0	.0	.0	146.6	21
	STD	.0	.0	.0	.0	.0	.0	6.8	.0	.0	.0	.0	.0	.0	5.6	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	150.0	.0	.0	.0	.0	.0	150.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	
MARGIN	MEAN	.0	.0	109.0	122.3	134.7	140.1	149.5	153.0	.0	.0	.0	.0	.0	132.4	
	STD	.0	.0	4.5	8.2	8.5	5.9	7.2	.0	.0	.0	.0	.0	.0	176.8	
	NO.	0	0	12	46	50	35	20	1	0	0	0	0	0	164	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 622905 DATE (MO-DAY-YR): 5-29-62
LOCATION: 426616 STATISTICAL AREA: 523 DEPTH (FM): 35

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	20.0	19.3	20.6	.0	20.3	21.9	23.0	.0	.0	.0	.0	20.7	42
	STD	.0	.0	.0	2.7	3.9	.0	3.3	3.8	4.2	.0	.0	.0	.0	3.6	
2	MEAN	.0	.0	47.0	41.9	42.2	.0	43.0	45.6	45.5	.0	.0	.0	.0	43.2	42
	STD	.0	.0	.0	4.9	4.0	.0	4.9	5.2	3.5	.0	.0	.0	.0	4.5	
3	MEAN	.0	.0	75.0	65.7	70.5	.0	72.3	74.2	78.0	.0	.0	.0	.0	71.1	42
	STD	.0	.0	.0	5.2	4.1	.0	5.7	3.6	2.8	.0	.0	.0	.0	5.1	
4	MEAN	.0	.0	.0	93.7	97.4	.0	96.5	100.7	99.5	.0	.0	.0	.0	97.5	41
	STD	.0	.0	.0	6.0	3.4	.0	7.5	5.4	4.9	.0	.0	.0	.0	5.1	
5	MEAN	.0	.0	.0	.0	120.0	.0	117.8	119.1	114.0	.0	.0	.0	.0	119.1	34
	STD	.0	.0	.0	.0	3.5	.0	9.8	6.8	1.4	.0	.0	.0	.0	5.4	
6	MEAN	.0	.0	.0	.0	.0	.0	131.8	130.4	126.0	.0	.0	.0	.0	130.2	15
	STD	.0	.0	.0	.0	.0	.0	6.4	4.9	2.8	.0	.0	.0	.0	5.1	
7	MEAN	.0	.0	.0	.0	.0	.0	139.3	136.8	132.5	.0	.0	.0	.0	136.9	15
	STD	.0	.0	.0	.0	.0	.0	5.9	4.3	2.1	.0	.0	.0	.0	4.8	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	141.8	137.5	.0	.0	.0	.0	141.0	11
	STD	.0	.0	.0	.0	.0	.0	.0	3.5	4.9	.0	.0	.0	.0	3.9	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	141.5	.0	.0	.0	.0	141.5	2
	STD	.0	.0	.0	.0	.0	.0	.0	.0	6.4	.0	.0	.0	.0	5.4	
MARGIN	MEAN	.0	.0	101.0	110.0	127.4	.0	142.3	144.4	143.0	.0	.0	.0	.0	129.7	
	STD	.0	.0	.0	5.3	4.2	.0	4.6	4.0	7.1	.0	.0	.0	.0	178.4	
	NO.	0	0	1	7	19	0	4	9	2	0	0	0	0	42	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 611808 DATE (MO-DAY-YR): 8-18-61
LOCATION: 426636 STATISTICAL AREA: 523 DEPTH (FM): 42

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	23.0	23.6	19.8	19.3	20.1	20.2	19.7	21.3	19.5	15.0	.0	.0	20.0	480
	STD	.0	8.5	5.9	4.3	4.4	4.7	5.4	6.2	5.0	2.6	.0	.0	.0	4.7	
2	MEAN	.0	52.5	51.4	46.9	44.8	46.4	48.0	45.6	45.9	46.8	35.0	.0	.0	46.9	502
	STD	.0	13.4	7.2	6.2	6.4	6.2	6.8	7.1	4.6	2.8	.0	.0	.0	6.5	
3	MEAN	.0	.0	80.0	73.8	71.8	74.6	76.4	76.2	76.4	78.0	69.0	.0	.0	74.5	504
	STD	.0	.0	5.4	5.8	5.3	7.0	7.0	7.1	5.8	4.9	.0	.0	.0	6.2	
4	MEAN	.0	.0	.0	96.1	93.0	95.8	95.5	94.8	97.0	96.8	88.0	.0	.0	95.7	478
	STD	.0	.0	.0	5.2	5.1	6.8	5.0	5.8	4.2	5.8	.0	.0	.0	5.3	
5	MEAN	.0	.0	.0	.0	110.0	111.0	110.1	108.6	109.6	111.4	108.0	.0	.0	109.8	172
	STD	.0	.0	.0	.0	4.4	5.8	4.8	4.5	4.7	4.7	.0	.0	.0	4.8	
6	MEAN	.0	.0	.0	.0	.0	121.6	119.3	118.2	119.9	120.8	122.0	.0	.0	119.6	123
	STD	.0	.0	.0	.0	.0	4.9	4.6	4.1	4.7	3.0	.0	.0	.0	4.6	
7	MEAN	.0	.0	.0	.0	.0	.0	127.2	125.2	126.8	128.4	129.0	.0	.0	126.5	101
	STD	.0	.0	.0	.0	.0	.0	4.6	4.2	4.7	3.9	.0	.0	.0	4.5	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	131.5	132.2	134.2	137.0	.0	.0	132.0	62
	STD	.0	.0	.0	.0	.0	.0	.0	4.1	4.7	3.7	.0	.0	.0	4.3	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	136.6	138.6	142.0	.0	.0	137.1	28
	STD	.0	.0	.0	.0	.0	.0	.0	.0	4.9	3.1	.0	.0	.0	4.6	
10	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	141.4	146.0	.0	.0	142.2	6
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	.0	.0	.0	3.5	
11	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	148.0	.0	.0	148.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	
MARGIN	MEAN	.0	72.5	94.0	109.8	119.4	127.7	131.3	134.9	139.3	143.8	150.0	.0	.0	115.5	
	STD	.0	4.9	4.7	5.1	4.2	4.5	4.7	4.0	5.0	2.8	.0	.0	.0	163.3	
	NO.	0	2	28	306	49	22	39	34	22	5	1	0	0	508	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 620909 DATE (MO-DAY-YR): 9- 9-62
LOCATION: 426636 STATISTICAL AREA: 523 DEPTH (FM): 49

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	20.6	19.2	25.0	21.0	17.8	15.3	.0	21.0	20.5	21.0	.0	17.0	20.2	186
	STD	.0	3.0	4.3	.0	4.3	3.9	1.5	.0	4.2	.7	.0	.0	.0	4.2	
2	MEAN	.0	50.1	45.7	49.0	43.2	39.7	37.3	.0	44.5	37.5	41.0	.0	45.0	43.9	186
	STD	.0	3.0	6.2	.0	6.7	6.2	5.7	.0	10.6	3.5	.0	.0	.0	6.7	
3	MEAN	.0	.0	73.4	74.0	69.5	66.8	57.0	.0	66.5	64.5	71.0	.0	72.0	69.8	168
	STD	.0	.0	5.4	.0	6.5	8.4	6.0	.0	7.8	12.0	.0	.0	.0	6.9	
4	MEAN	.0	.0	.0	95.0	90.9	87.3	75.7	.0	83.0	84.0	93.0	.0	95.0	89.9	131
	STD	.0	.0	.0	.0	5.6	7.0	9.5	.0	2.8	9.9	.0	.0	.0	6.4	
5	MEAN	.0	.0	.0	.0	106.8	103.6	94.3	.0	96.0	95.5	112.0	.0	103.0	105.7	130
	STD	.0	.0	.0	.0	4.8	7.4	9.1	.0	5.7	10.6	.0	.0	.0	6.0	
6	MEAN	.0	.0	.0	.0	.0	115.7	107.3	.0	105.5	106.5	120.0	.0	107.0	113.1	27
	STD	.0	.0	.0	.0	.0	6.9	8.0	.0	3.5	6.4	.0	.0	.0	7.6	
7	MEAN	.0	.0	.0	.0	.0	.0	117.0	.0	113.0	113.5	124.0	.0	114.0	115.8	9
	STD	.0	.0	.0	.0	.0	.0	6.6	.0	.0	4.9	.0	.0	.0	5.1	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	119.0	120.0	127.0	.0	123.0	121.3	6
	STD	.0	.0	.0	.0	.0	.0	.0	.0	1.4	4.2	.0	.0	.0	3.7	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	122.5	124.5	131.0	.0	125.0	125.0	6
	STD	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.9	.0	.0	.0	3.9	
10	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	130.0	135.0	.0	128.0	130.8	4
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	.0	.0	.0	3.4	
11	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	138.0	.0	131.0	134.5	2
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	
12	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	132.0	132.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	136.0	136.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MARGIN	MEAN	.0	70.6	88.2	111.0	114.4	120.8	122.0	.0	124.5	133.0	140.0	.0	138.0	106.2	
	STD	.0	3.0	4.6	.0	4.8	6.6	5.2	.0	.7	1.4	.0	.0	.0	295.8	
	NO.	0	18	37	1	103	18	3	0	2	2	1	0	1	186	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 602705 DATE (MO-DAY-YR): 5-27-60
LOCATION: 426766 STATISTICAL AREA: 523 DEPTH (FM): 30

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	30.0	28.5	18.7	20.3	13.0	.0	.0	.0	.0	.0	.0	.0	19.9	86
	STD	.0	7.1	1.8	3.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	4.5	
2	MEAN	.0	61.5	56.1	40.4	41.8	28.0	.0	.0	.0	.0	.0	.0	.0	42.3	86
	STD	.0	6.4	3.3	4.5	6.7	.0	.0	.0	.0	.0	.0	.0	.0	7.2	
3	MEAN	.0	.0	85.4	66.7	70.5	59.0	.0	.0	.0	.0	.0	.0	.0	68.7	84
	STD	.0	.0	3.5	5.0	8.4	.0	.0	.0	.0	.0	.0	.0	.0	7.6	
4	MEAN	.0	.0	.0	96.6	95.0	83.0	.0	.0	.0	.0	.0	.0	.0	96.3	76
	STD	.0	.0	.0	3.9	7.7	.0	.0	.0	.0	.0	.0	.0	.0	4.5	
5	MEAN	.0	.0	.0	.0	116.5	114.0	.0	.0	.0	.0	.0	.0	.0	116.1	7
	STD	.0	.0	.0	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	5.0	
6	MEAN	.0	.0	.0	.0	.0	128.0	.0	.0	.0	.0	.0	.0	.0	128.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	
MARGIN	MEAN	.0	74.5	93.6	102.7	120.3	134.0	.0	.0	.0	.0	.0	.0	.0	102.8	
	STD	.0	7.8	3.6	3.8	4.3	.0	.0	.0	.0	.0	.0	.0	.0	74.2	
	NO.	0	2	8	69	6	1	0	0	0	0	0	0	0	86	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 582205 DATE (MO-DAY-YR): 5-22-58
LOCATION: 426756 STATISTICAL AREA: 523 DEPTH (FM): 56

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	12.3	12.6	14.4	12.5	12.6	12.0	14.5	12.0	13.0	.0	.0	.0	13.1	164
	STD	.0	6.0	4.6	4.1	4.1	3.2	3.1	6.4	.0	4.2	.0	.0	.0	4.0	
2	MEAN	.0	28.6	33.1	37.1	33.6	33.0	30.6	37.0	.0	.0	.0	.0	.0	34.1	178
	STD	.0	6.2	3.9	7.2	8.4	5.8	7.2	2.8	.0	.0	.0	.0	.0	7.3	
3	MEAN	.0	.0	58.0	59.8	56.3	52.7	50.9	54.0	44.0	47.0	.0	.0	.0	56.4	215
	STD	.0	.0	6.6	7.1	8.1	8.0	8.0	10.2	.0	5.7	.0	.0	.0	8.2	
4	MEAN	.0	.0	.0	83.0	79.2	80.5	78.8	81.8	70.0	78.5	.0	.0	.0	80.8	195
	STD	.0	.0	.0	6.0	5.4	6.0	3.7	9.2	.0	2.1	.0	.0	.0	5.9	
5	MEAN	.0	.0	.0	.0	96.0	96.8	98.3	97.3	90.0	100.0	.0	.0	.0	96.7	123
	STD	.0	.0	.0	.0	4.5	5.2	3.3	6.9	.0	.0	.0	.0	.0	4.6	
6	MEAN	.0	.0	.0	.0	.0	107.6	107.4	107.0	106.0	109.5	.0	.0	.0	107.5	70
	STD	.0	.0	.0	.0	.0	4.3	3.3	4.2	.0	2.1	.0	.0	.0	3.9	
7	MEAN	.0	.0	.0	.0	.0	.0	114.6	115.5	116.0	117.0	.0	.0	.0	114.9	31
	STD	.0	.0	.0	.0	.0	.0	3.7	2.1	.0	1.4	.0	.0	.0	3.4	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	120.8	121.0	123.5	.0	.0	.0	121.6	7
	STD	.0	.0	.0	.0	.0	.0	.0	.5	.0	2.1	.0	.0	.0	1.6	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	125.0	129.0	.0	.0	.0	127.7	3
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	.0	.0	2.5	
10	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	132.0	.0	.0	.0	132.0	2
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	.0	.0	1.4	
MARGIN	MEAN	.0	53.2	80.3	96.4	104.5	112.6	118.2	122.8	126.0	133.0	.0	.0	.0	100.1	
	STD	.0	8.8	7.5	6.3	4.2	4.2	4.6	.5	.0	1.4	.0	.0	.0	271.8	
	NO.	0	11	28	72	53	39	24	4	1	2	0	0	0	234	

MAINE COAST

Sea Scallop Mean Ring Size (mm)

Sample No.: 590502 Date (Mo-Day-Yr): 02-05-59
Location: 446966 Statistical Area: 512 Depth (fm): 6

Ring Number		Number of Rings 1	2	3	4	5	6	7	8	9	Total	Number
1	Mean				11.2	12.5	12.2	11.3	9.6	10.9	11.6	238
	STD				3.8	4.9	3.8	3.1	1.9	1.5	3.8	
2	Mean				40.9	37.3	41.8	40.9	43.3	41.8	40.9	277
	STD				5.1	8.1	6.0	6.4	6.5	7.2	6.1	
3	Mean				74.8	69.2	72.5	71.5	71.8	68.3	72.8	277
	STD				5.4	8.8	6.3	7.4	9.3	9.3	6.8	
4	Mean				93.9	92.8	94.9	93.3	92.8	91.2	94.0	277
	STD				4.8	6.7	5.5	6.4	6.9	7.9	5.6	
5	Mean					106.6	110.8	108.7	109.3	107.0	109.5	172
	STD					5.4	4.6	4.1	5.2	8.3	4.9	
6	Mean						119.2	119.0	120.8	120.3	119.3	145
	STD						4.2	3.3	3.7	6.1	4.0	
7	Mean							125.2	128.5	130.4	126.1	53
	STD							3.6	3.6	1.0	3.8	
8	Mean								133.4	135.4	133.9	13
	STD								3.6	1.1	3.3	
9	Mean									139.6	139.6	3
	STD									2.1	2.1	
Margin	Mean											
	STD											
	No.				105	27	92	40	10	3		277

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 601603 DATE (MO-DAY-YR): 3-16-60
LOCATION: 446966 STATISTICAL AREA: 512 DEPTH (FM): 10

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	.0	15.4	16.2	14.5	18.6	19.0	15.8	15.0	24.0	.0	.0	16.7	50
	STD	.0	.0	.0	2.2	5.1	4.0	2.5	2.8	3.3	.0	.0	.0	.0	3.7	
2	MEAN	.0	.0	.0	42.4	41.5	39.2	42.2	44.0	43.0	45.0	43.0	.0	.0	41.7	52
	STD	.0	.0	.0	2.3	4.6	4.8	3.8	11.3	3.7	.0	.0	.0	.0	4.3	
3	MEAN	.0	.0	.0	70.8	72.5	69.5	71.2	80.0	68.2	73.0	74.0	.0	.0	71.0	53
	STD	.0	.0	.0	4.7	6.5	6.0	6.1	7.1	4.8	.0	.0	.0	.0	5.9	
4	MEAN	.0	.0	.0	91.3	92.2	92.8	94.2	100.0	88.2	92.0	90.0	.0	.0	92.7	53
	STD	.0	.0	.0	3.4	3.7	4.9	4.6	7.1	3.8	.0	.0	.0	.0	4.7	
5	MEAN	.0	.0	.0	.0	108.2	109.6	110.8	116.5	107.6	105.0	99.0	.0	.0	109.6	45
	STD	.0	.0	.0	.0	3.1	3.5	3.7	6.4	2.1	.0	.0	.0	.0	4.1	
6	MEAN	.0	.0	.0	.0	.0	120.8	122.8	127.0	121.4	116.0	115.0	.0	.0	121.8	39
	STD	.0	.0	.0	.0	.0	2.8	2.9	5.7	2.1	.0	.0	.0	.0	3.4	
7	MEAN	.0	.0	.0	.0	.0	.0	131.7	134.5	133.0	128.0	127.0	.0	.0	131.8	26
	STD	.0	.0	.0	.0	.0	.0	2.3	4.9	3.7	.0	.0	.0	.0	3.0	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	140.5	140.4	140.0	140.0	.0	.0	140.3	9
	STD	.0	.0	.0	.0	.0	.0	.0	3.5	3.5	.0	.0	.0	.0	2.8	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	146.6	148.0	148.0	.0	.0	147.0	7
	STD	.0	.0	.0	.0	.0	.0	.0	.0	3.5	.0	.0	.0	.0	2.9	
10	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	154.0	155.0	.0	.0	154.5	2
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	
11	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	158.0	.0	.0	158.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MARGIN	MEAN	.0	.0	.0	106.3	118.7	128.1	136.9	144.5	149.8	156.0	160.0	.0	.0	130.4	
	STD	.0	.0	.0	4.2	2.7	2.6	2.1	2.1	3.5	.0	.0	.0	.0	201.2	
	NO.	0	0	0	8	6	13	17	2	5	1	1	0	0	53	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 602602 DATE (MO-DAY-YR): 2-26-60
LOCATION: 446966 STATISTICAL AREA: 512 DEPTH (FM): 10

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	21.4	13.5	16.4	14.6	16.6	.0	.0	.0	.0	.0	.0	15.0	112
	STD	.0	.0	7.3	3.9	6.0	4.2	3.8	.0	.0	.0	.0	.0	.0	5.2	
2	MEAN	.0	.0	48.4	36.0	43.9	41.4	41.5	.0	.0	.0	.0	.0	.0	39.4	111
	STD	.0	.0	7.4	4.8	8.7	5.7	8.3	.0	.0	.0	.0	.0	.0	7.3	
3	MEAN	.0	.0	72.2	63.3	70.4	68.7	67.0	.0	.0	.0	.0	.0	.0	66.2	112
	STD	.0	.0	5.5	5.2	9.1	7.8	6.4	.0	.0	.0	.0	.0	.0	7.1	
4	MEAN	.0	.0	.0	85.2	90.0	94.4	87.6	.0	.0	.0	.0	.0	.0	87.7	101
	STD	.0	.0	.0	4.9	7.3	6.0	6.2	.0	.0	.0	.0	.0	.0	6.5	
5	MEAN	.0	.0	.0	.0	105.4	109.1	102.4	.0	.0	.0	.0	.0	.0	106.7	38
	STD	.0	.0	.0	.0	6.1	4.8	3.6	.0	.0	.0	.0	.0	.0	5.7	
6	MEAN	.0	.0	.0	.0	.0	119.4	115.8	.0	.0	.0	.0	.0	.0	118.6	22
	STD	.0	.0	.0	.0	.0	3.8	4.6	.0	.0	.0	.0	.0	.0	4.2	
7	MEAN	.0	.0	.0	.0	.0	.0	125.6	.0	.0	.0	.0	.0	.0	125.6	5
	STD	.0	.0	.0	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	2.5	
MARGIN	MEAN	.0	.0	94.1	102.2	115.5	124.9	131.8	.0	.0	.0	.0	.0	.0	108.1	
	STD	.0	.0	4.4	3.9	4.8	4.3	2.4	.0	.0	.0	.0	.0	.0	132.0	
	NO.	0	0	11	63	16	17	5	0	0	0	0	0	0	112	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 602502 DATE (MO-DAY-YR): 2-25-60
LOCATION: 446966 STATISTICAL AREA: 512 DEPTH (FM): 10

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	12.0	15.0	15.9	16.0	16.8	15.3	.0	.0	15.0	.0	.0	15.6	99
	STD	.0	.0	.0	5.6	5.4	5.2	2.9	2.2	.0	.0	.0	.0	.0	5.0	
2	MEAN	.0	.0	40.0	38.5	40.8	41.4	41.2	41.6	.0	.0	41.0	.0	.0	40.4	102
	STD	.0	.0	.0	7.1	7.7	6.2	5.2	4.2	.0	.0	.0	.0	.0	6.5	
3	MEAN	.0	.0	69.0	66.5	69.0	71.0	69.8	72.3	.0	.0	78.0	.0	.0	69.3	102
	STD	.0	.0	.0	6.6	7.4	6.0	3.9	7.0	.0	.0	.0	.0	.0	6.6	
4	MEAN	.0	.0	.0	87.5	89.9	92.4	90.6	93.0	.0	.0	105.0	.0	.0	90.4	101
	STD	.0	.0	.0	5.5	5.4	5.4	6.8	8.1	.0	.0	.0	.0	.0	6.3	
5	MEAN	.0	.0	.0	.0	104.8	106.7	106.1	107.0	.0	.0	120.0	.0	.0	106.3	69
	STD	.0	.0	.0	.0	4.5	4.5	5.8	7.4	.0	.0	.0	.0	.0	5.4	
6	MEAN	.0	.0	.0	.0	.0	116.6	116.7	118.5	.0	.0	131.0	.0	.0	117.3	49
	STD	.0	.0	.0	.0	.0	3.9	4.4	6.9	.0	.0	.0	.0	.0	5.1	
7	MEAN	.0	.0	.0	.0	.0	.0	124.8	127.0	.0	.0	139.0	.0	.0	126.5	22
	STD	.0	.0	.0	.0	.0	.0	4.0	6.4	.0	.0	.0	.0	.0	5.9	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	132.9	.0	.0	145.0	.0	.0	133.9	12
	STD	.0	.0	.0	.0	.0	.0	.0	5.8	.0	.0	.0	.0	.0	5.5	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	149.0	.0	.0	149.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	
10	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	154.0	.0	.0	154.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	
11	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	155.0	.0	.0	155.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MARGIN	MEAN	.0	.0	94.0	103.7	114.5	123.1	129.5	135.9	.0	.0	157.0	.0	.0	117.4	
	STD	.0	.0	.0	4.9	3.5	3.3	3.3	5.6	.0	.0	.0	.0	.0	159.5	
	NO.	0	0	1	32	20	27	10	11	0	0	1	0	0	102	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 600601 DATE (MO-DAY-YR): 1- 6-60
LOCATION: 446966 STATISTICAL AREA: 512 DEPTH (FM): 10

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	26.5	24.7	15.5	15.5	18.9	17.1	.0	.0	13.0	.0	.0	.0	18.1	225
	STD	.0	2.1	6.3	6.4	4.9	5.5	3.4	.0	.0	2.8	.0	.0	.0	6.9	
2	MEAN	.0	60.0	53.5	40.5	39.9	44.3	42.5	.0	.0	43.5	.0	.0	.0	44.0	229
	STD	.0	2.8	5.6	8.2	7.2	6.3	5.0	.0	.0	13.4	.0	.0	.0	8.8	
3	MEAN	.0	.0	76.5	67.8	67.8	72.0	69.9	.0	.0	73.0	.0	.0	.0	70.5	227
	STD	.0	.0	5.1	7.7	6.7	7.0	4.6	.0	.0	15.6	.0	.0	.0	7.7	
4	MEAN	.0	.0	.0	89.1	88.7	92.7	90.9	.0	.0	99.0	.0	.0	.0	90.0	181
	STD	.0	.0	.0	6.0	5.4	6.1	6.2	.0	.0	8.5	.0	.0	.0	6.1	
5	MEAN	.0	.0	.0	.0	104.6	108.2	105.9	.0	.0	113.5	.0	.0	.0	106.8	77
	STD	.0	.0	.0	.0	3.7	5.4	5.9	.0	.0	4.9	.0	.0	.0	5.3	
6	MEAN	.0	.0	.0	.0	.0	118.7	117.4	.0	.0	127.5	.0	.0	.0	118.7	53
	STD	.0	.0	.0	.0	.0	4.5	4.3	.0	.0	.7	.0	.0	.0	4.7	
7	MEAN	.0	.0	.0	.0	.0	.0	125.1	.0	.0	137.5	.0	.0	.0	126.7	16
	STD	.0	.0	.0	.0	.0	.0	3.5	.0	.0	2.1	.0	.0	.0	5.4	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	142.0	.0	.0	.0	142.0	2
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	.0	.0	.0	2.8	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	145.0	.0	.0	.0	145.0	2
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	.0	.0	.0	2.8	
10	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	147.5	.0	.0	.0	147.5	2
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	.0	.0	.0	3.5	
MARGIN	MEAN	.0	85.0	94.6	103.9	114.0	124.5	130.0	.0	.0	148.5	.0	.0	.0	108.2	
	STD	.0	4.2	4.2	4.8	3.4	4.2	3.6	.0	.0	2.1	.0	.0	.0	159.6	
	NO.	0	2	46	104	24	37	14	0	0	2	0	0	0	229	

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 602004 DATE (MO-DAY-YR): 4-20-60
LOCATION: 446761 STATISTICAL AREA: 511 DEPTH (FM): 5

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	.0	16.9	14.9	16.4	15.4	16.4	14.1	15.0	15.8	17.0	.0	15.4	458
	STD	.0	.0	.0	6.7	4.1	6.0	5.4	5.5	4.1	4.8	5.1	.0	.0	4.9	
2	MEAN	.0	.0	.0	44.3	41.1	43.8	41.9	42.3	42.0	41.4	44.1	42.0	.0	42.0	500
	STD	.0	.0	.0	7.4	5.0	7.3	7.8	8.1	8.4	7.4	3.9	.0	.0	6.4	
3	MEAN	.0	.0	.0	76.5	73.1	71.9	70.7	71.1	72.1	73.2	81.9	88.0	.0	72.9	502
	STD	.0	.0	.0	8.0	5.8	7.6	7.9	8.5	8.8	8.5	5.3	.0	.0	7.1	
4	MEAN	.0	.0	.0	96.7	94.7	94.5	95.4	94.4	94.9	95.6	101.9	108.0	.0	95.0	502
	STD	.0	.0	.0	5.9	5.9	6.9	6.4	6.8	7.9	7.6	6.5	.0	.0	6.4	
5	MEAN	.0	.0	.0	.0	109.6	110.7	112.5	111.1	110.6	109.5	115.8	119.0	.0	110.4	464
	STD	.0	.0	.0	.0	5.9	6.7	4.9	5.2	7.3	7.3	5.9	.0	.0	6.1	
6	MEAN	.0	.0	.0	.0	.0	119.4	125.3	122.0	122.6	118.9	125.1	130.0	.0	121.9	202
	STD	.0	.0	.0	.0	.0	6.1	5.8	4.5	5.9	5.9	4.7	.0	.0	6.2	
7	MEAN	.0	.0	.0	.0	.0	.0	130.5	129.2	130.1	126.8	132.9	137.0	.0	129.9	128
	STD	.0	.0	.0	.0	.0	.0	6.0	4.7	6.3	5.8	5.7	.0	.0	5.8	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	133.1	135.6	132.9	137.9	141.0	.0	134.3	75
	STD	.0	.0	.0	.0	.0	.0	.0	5.4	6.7	4.7	6.3	.0	.0	5.9	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	138.1	136.7	142.0	145.0	.0	138.6	41
	STD	.0	.0	.0	.0	.0	.0	.0	.0	6.9	4.5	6.5	.0	.0	6.3	
10	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	138.9	145.4	148.0	.0	141.7	22
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.7	.0	.0	6.1	
11	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	147.4	150.0	.0	147.7	9
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	.0	.0	6.2	
12	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	152.0	.0	152.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MARGIN	MEAN	.0	.0	.0	100.1	110.6	120.4	131.2	133.8	138.6	139.5	147.8	152.0	.0	117.5	
	STD	.0	.0	.0	7.4	6.0	6.3	6.0	5.4	7.2	4.4	6.5	.0	.0	17.2	
	NO.	0	0	0	38	262	74	53	34	19	13	8	1	0	502	

BAY OF FUNDY

Sea Scallop Mean Ring Size (mm)

Sample No.: ~~530308~~
Location: ~~446662~~

Date (Mo-Day-Yr): 08-03-53
Statistical Area: 466

Depth (fm): 40

		Number of Rings										
		1	2	3	4	5	6	7	8	9	Total	Number
Ring Number												
1	Mean			12.0	13.3	9.8	11.8			14.6	13.1	46
	STD											
2	Mean			32.2	24.4	29.4	28.9			31.9	25.4	168
	STD											
3	Mean			66.2	57.8	53.8	49.0			62.0	57.5	170
	STD											
4	Mean				82.8	78.6	78.8			85.1	81.6	156
	STD											
5	Mean					96.1	95.1			98.5	96.4	11
	STD											
6	Mean						104.1			110.1	106.7	7
	STD											
7	Mean									117.5	117.5	3
	STD											
8	Mean									121.2	121.2	3
	STD											
9	Mean									123.6	123.6	3
	STD											
Margin	Mean											
	STD											
	No.			14	143	4	4			3		168

BROWNS BANK

SEA SCALLOP MEAN RING SIZE (MM)

SAMPLE NO.: 600012
LOCATION: 426524

DATE (MO-DAY-YR): 12- 0-60
STATISTICAL AREA: 464

DEPTH (FM): 47

RING NUMBER		NUMBER OF RINGS 1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	NUMBER
1	MEAN	.0	.0	.0	.0	.0	.0	15.5	14.0	12.6	13.2	15.0	.0	.0	13.5	34
	STD	.0	.0	.0	.0	.0	.0	1.9	2.2	1.6	2.1	.0	.0	.0	2.0	
2	MEAN	.0	.0	.0	.0	.0	.0	30.0	27.2	25.1	26.0	30.0	.0	.0	26.6	34
	STD	.0	.0	.0	.0	.0	.0	2.9	2.0	2.9	5.0	.0	.0	.0	3.4	
3	MEAN	.0	.0	.0	.0	.0	.0	46.5	43.2	39.0	38.7	47.0	.0	.0	41.2	34
	STD	.0	.0	.0	.0	.0	.0	4.4	4.1	3.9	4.7	.0	.0	.0	4.9	
4	MEAN	.0	.0	.0	.0	.0	.0	61.8	53.4	51.8	51.2	57.0	.0	.0	53.4	34
	STD	.0	.0	.0	.0	.0	.0	4.1	3.0	4.6	4.7	.0	.0	.0	5.1	
5	MEAN	.0	.0	.0	.0	.0	.0	70.3	64.6	63.4	63.0	65.0	.0	.0	64.5	34
	STD	.0	.0	.0	.0	.0	.0	4.0	4.0	6.3	4.6	.0	.0	.0	5.4	
6	MEAN	.0	.0	.0	.0	.0	.0	77.7	73.4	72.1	72.3	73.0	.0	.0	73.2	34
	STD	.0	.0	.0	.0	.0	.0	2.2	3.8	7.0	4.7	.0	.0	.0	5.5	
7	MEAN	.0	.0	.0	.0	.0	.0	82.8	80.0	78.8	81.0	78.0	.0	.0	79.9	34
	STD	.0	.0	.0	.0	.0	.0	2.6	3.3	6.6	4.6	.0	.0	.0	5.0	
8	MEAN	.0	.0	.0	.0	.0	.0	.0	85.3	83.7	86.5	82.0	.0	.0	84.7	30
	STD	.0	.0	.0	.0	.0	.0	.0	3.5	6.6	4.6	.0	.0	.0	5.3	
9	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	88.4	90.7	87.0	.0	.0	89.0	21
	STD	.0	.0	.0	.0	.0	.0	.0	.0	6.5	3.5	.0	.0	.0	5.6	
10	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	93.5	92.0	.0	.0	93.3	7
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	.0	.0	.0	3.5	
11	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	96.0	.0	.0	96.0	1
	STD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	
MARGIN	MEAN	.0	.0	.0	.0	.0	.0	86.0	87.1	90.3	94.8	97.0	.0	.0	89.9	
	STD	.0	.0	.0	.0	.0	.0	3.9	3.8	6.3	2.9	.0	.0	.0	31.6	
	NO.	0	0	0	0	0	0	4	9	14	6	1	0	0	34	

Sea Scallop Mean Ring Size (mm)

Sample No.: 561611 Date (Mo-Day-Yr): 11-16-56 Depth (fm): 50
Location: 426564 Statistical Area: 462

Ring Number		Number of Rings 1	2	3	4	5	6	7	8	9	Total	Number
1	Mean				20.0	12.3	12.4	13.3	12.0		12.5	149
	STD											
2	Mean				34.0	25.9	27.4	28.1	23.0		27.2	149
	STD											
3	Mean				47.5	40.1	41.9	40.1	37.0		41.6	149
	STD											
4	Mean				61.0	56.2	55.1	56.6	54.0		55.5	149
	STD											
5	Mean					67.5	69.2	67.4	67.0		68.8	147
	STD											
6	Mean						77.8	78.4	77.0		77.8	125
	STD											
7	Mean							85.2	82.0		84.9	10
	STD											
8	Mean								87.0		87.0	1
	STD											
9	Mean											
	STD											
Margin	Mean				68.0	73.0	81.2	88.7	92.0			
	STD											
	No.				2	22	115	9	1			149

SABLE ISLAND BANK

Sea Scallop Mean Ring Size (mm)

Sample No.: 570808 Date (Mo-Day-Yr): 08-08-57 Depth (fm): 26
Location: 436151 Statistical Area: 455

Ring Number		Number of Rings 1	2	3	4	5	6	7	8	9	Total	Number
1	Mean			14.0	-	13.5	10.0	15.1	15.6	15.5	14.5	61
	STD											
2	Mean			35.0	-	31.2	33.0	33.4	34.2	32.0	32.7	61
	STD											
3	Mean			57.0	-	51.8	52.0	52.4	50.8	50.5	51.7	61
	STD											
4	Mean					70.1	71.0	70.6	65.8	67.5	68.9	60
	STD											
5	Mean					87.9	89.0	86.9	80.6	85.0	85.4	60
	STD											
6	Mean						103.0	102.2	96.0	99.5	98.9	35
	STD											
7	Mean							114.5	108.7	112.5	111.3	34
	STD											
8	Mean								119.6	122.0	120.3	20
	STD											
9	Mean									129.5	129.5	2
	STD											
Margin	Mean			66.0	-	93.4	110.0	119.8	127.2	133.0		
	STD											
	No.			1	-	25	1	14	18	2		61

BANQUEREAU

Sea Scallop Mean Ring Size (mm)

Sample No.: 570708 Date (Mo-Day-Yr): 08-07-57
Location: 445924 Statistical Area: 443 Depth (fm): 26

Ring Number		Number of Rings 1	2	3	4	5	6	7	8	9	Total	Number
1	Mean						12.7	11.8	12.5	12.3	12.2	59
	STD						3.4	3.0	3.2	2.3	3.0	
2	Mean						31.0	29.9	30.8	29.6	30.3	59
	STD						4.8	3.7	4.0	3.6	3.9	
3	Mean						50.2	49.1	48.3	48.9	49.1	59
	STD						4.4	4.6	4.2	5.6	4.5	
4	Mean						69.9	69.5	68.0	67.1	68.9	59
	STD						4.1	5.2	5.2	5.7	5.0	
5	Mean						84.8	86.5	86.9	83.6	85.9	59
	STD						4.5	5.0	4.4	5.8	4.9	
6	Mean						97.7	97.3	101.4	99.4	98.7	59
	STD						4.1	4.8	4.6	4.7	4.8	
7	Mean							107.7	110.6	110.4	109.1	47
	STD							4.9	3.8	3.5	4.5	
8	Mean								118.5	118.9	118.6	23
	STD								4.0	2.0	3.5	
9	Mean									126.6	126.6	7
	STD									2.8	2.8	
Margin	Mean						98.7	108.5	119.6	127.6		
	STD						4.4	5.1	4.4	2.4		
	No.						12	24	16	7		59

Sea Scallop Mean Ring Size (mm)

Sample No.: 570608 Date (Mo-Day-Yr): 08-06-57 Depth (fm): 27
Location: 445933 Statistical Area: 443

Ring Number		Number of Rings 1	2	3	4	5	6	7	8	9	Total	Number
1	Mean						14	11.0	12.9	12.5	12.3	24
	STD						-	2.5	2.6	1.3	2.4	
2	Mean						29	30.9	29.8	31.8	30.4	24
	STD						-	4.2	3.8	3.8	3.8	
3	Mean						51	52.0	49.7	51.8	50.8	24
	STD						-	5.4	4.0	4.8	4.4	
4	Mean						73	74.9	71.0	73.8	72.7	24
	STD						-	5.4	4.9	1.7	4.8	
5	Mean						88	93.3	91.1	91.0	91.6	24
	STD						-	5.2	5.0	2.4	4.6	
6	Mean						101	105.7	103.6	103.8	104.1	24
	STD						-	3.7	4.3	4.3	4.0	
7	Mean							116.3	113.0	114.3	114.2	23
	STD							3.9	4.3	4.3	4.3	
8	Mean								120.9	123.0	121.4	16
	STD								4.6	3.2	4.3	
9	Mean									130.5	130.5	4
	STD									3.8	3.8	
Margin	Mean						102	119.6	121.8	131.3		
	STD						-	3.4	4.5	4.3		
	No.						1	7	12	4		24

MIDDLE GROUND

Sea Scallop Mean Ring Size (mm)

Sample No.: 571807 Date (Mo-Day-Yr): 07-18-57
Location: 446032 Statistical Area: 452 Depth (fm): 28

Ring Number		Number of Rings 1	2	3	4	5	6	7	8	9	Total	Number
1	Mean											
	STD											
2	Mean											
	STD											
3	Mean											
	STD											
4	Mean										70.6	9
	STD										6.2	
5	Mean										84.5	23
	STD										6.4	
6	Mean										101.3	25
	STD										5.0	
7	Mean										113.9	25
	STD										3.2	
8	Mean										123.2	25
	STD										4.0	
9	Mean										130.5	23
	STD										4.3	
Margin	Mean											
	STD											
	No.											25

ST. PIERRE BANK

Sea Scallop Mean Ring Size (mm)

Sample No.: 570607 Date (Mo-Day-Yr): 07-06-57
Location: 455652 Statistical Area: 361 Depth (fm): 25

Ring Number		Number of Rings 1	2	3	4	5	6	7	8	9	Total	Number
1	Mean							11.1	11.5	11.0	11.4	71
	STD											
2	Mean							25.8	24.8	26.6	25.1	71
	STD											
3	Mean							39.8	39.8	37.8	39.6	71
	STD											
4	Mean							53.2	52.7	52.0	52.7	71
	STD											
5	Mean							66.0	65.8	66.8	65.9	71
	STD											
6	Mean							77.9	77.7	79.8	77.9	71
	STD											
7	Mean							88.1	88.5	90.0	88.5	71
	STD											
8	Mean								97.8	98.2	97.9	62
	STD											
9	Mean									105.6	105.6	5
	STD											
Margin	Mean							95.3	103.7	111.8		
	STD											
	No.							9	57	5		71

STRAIT OF BELLE ISLE

Sea Scallop Mean Ring Size (mm)

Sample No.: 570710 Date (Mo-Day-Yr): 07-10-57
Location: 515616 Statistical Area: 410 Depth (fm): 20

Ring Number		Number of Rings 1	2	3	4	5	6	7	8	9	Total	Number
1	Mean											
	STD						12.9	10.0	12.4	13.0	12.1	5
2	Mean											
	STD						33.4	34.2	33.8	27.2	32.2	5
3	Mean											
	STD						52.5	57.8	64.7	43.0	54.5	5
4	Mean											
	STD						68.1	71.2	90.7	61.8	73.0	5
5	Mean											
	STD						79.7	81.8	103.5	79.0	86.0	5
6	Mean											
	STD						88.7	90.3	111.9	94.6	96.4	5
7	Mean											
	STD							97.4	119.9	103.4	106.9	3
8	Mean											
	STD								123.8	110.2	117.0	2
9	Mean											
	STD									115.1	115.1	1
Margin	Mean											
	STD											
	No.						2	1	1	1		5

Sea Scallop Mean Ring Size (mm)

Sample No.:
Location: 515744

Date (Mo-Day-Yr): 00-00-1860
Statistical Area: 420

Depth (fm): 22

Ring Number		Number of Rings 1	2	3	4	5	6	7	8		Total	Number
1	Mean									23.4	23.4	1
	STD											
2	Mean									44.7	44.7	1
	STD											
3	Mean									73.6	73.6	1
	STD											
4	Mean									100.5	100.5	1
	STD											
5	Mean									116.3	116.3	1
	STD											
6	Mean									128.7	128.7	1
	STD											
7	Mean									135.6	135.6	1
	STD											
8	Mean									141.8	141.8	1
	STD											
9	Mean									149.7	149.7	1
	STD											
Margin	Mean									161.1	161.1	1
	STD											
	No.									1		1