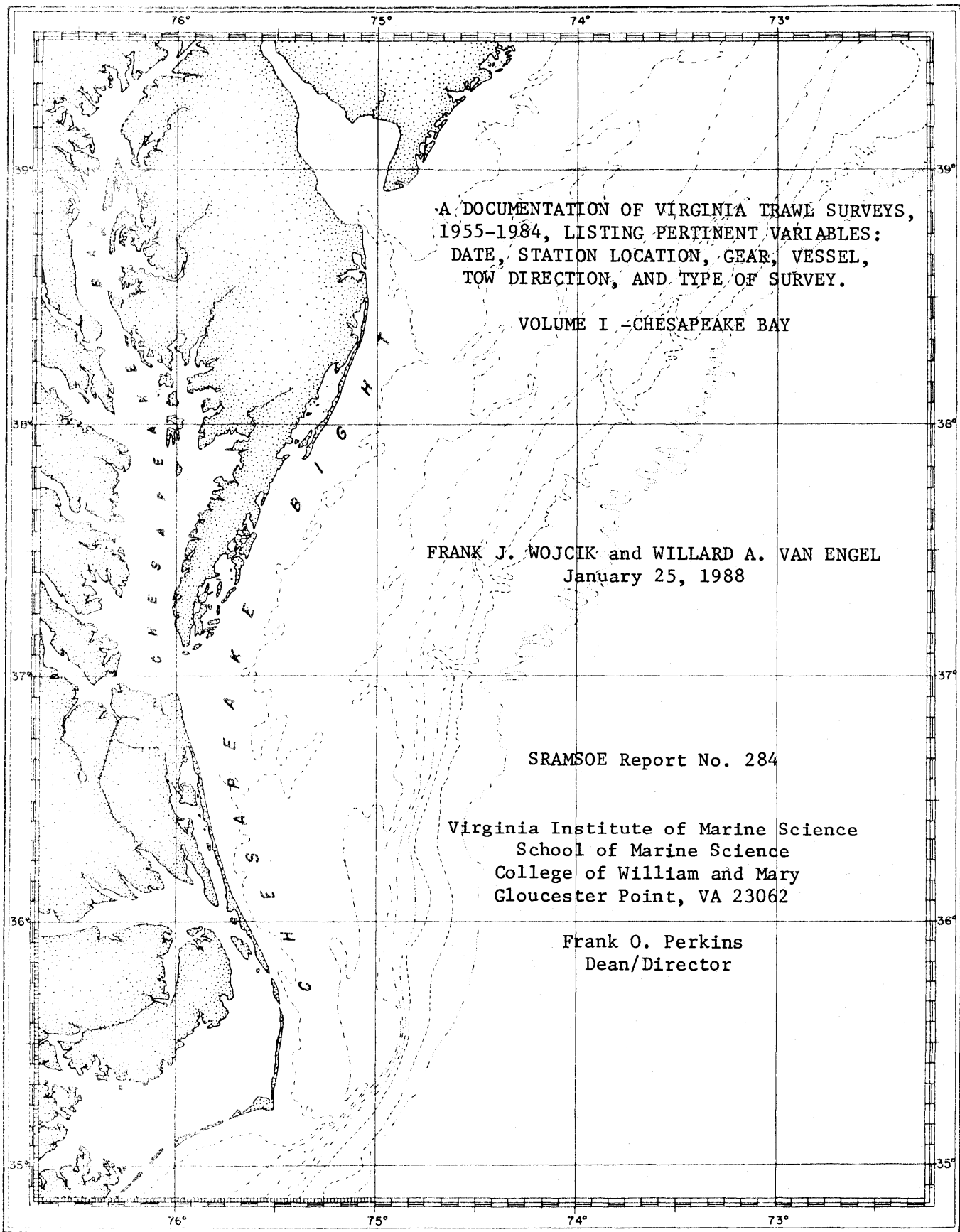


218



A DOCUMENTATION OF VIRGINIA TRAWL SURVEYS,  
1955-1984, LISTING PERTINENT VARIABLES:  
DATE, STATION LOCATION, GEAR, VESSEL,  
TOW DIRECTION, AND TYPE OF SURVEY.

VOLUME I -CHESAPEAKE BAY

FRANK J. WOJCIK and WILLARD A. VAN ENGEL  
January 25, 1988

SRAMSOE Report No. 284

Virginia Institute of Marine Science  
School of Marine Science  
College of William and Mary  
Gloucester Point, VA 23062

Frank O. Perkins  
Dean/Director

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TABLE OF CONTENTS

	Page Nos.
LIST OF FIGURES .....	iv
INTRODUCTION .....	1
TABLE 1 .....	5
FIGURE 1 .....	7
FIGURE 2 .....	8
FIGURE 3 .....	9
LISTING OF CHESAPEAKE BAY DATA BY YEARS:	
Chesapeake Bay 1955.....	10
Chesapeake Bay 1956.....	11
Chesapeake Bay 1957.....	13
Chesapeake Bay 1958.....	15
Chesapeake Bay 1959.....	17
Chesapeake Bay 1960 .....	18
Chesapeake Bay 1961 .....	19
Chesapeake Bay 1962 .....	20
Chesapeake Bay 1963 .....	21
Chesapeake Bay 1964 .....	22
Chesapeake Bay 1965 .....	24
Chesapeake Bay 1966 .....	26
Chesapeake Bay 1967 .....	28
Chesapeake Bay 1968 .....	30
Chesapeake Bay 1969 .....	32
Chesapeake Bay 1970 .....	34

Chesapeake Bay 1971 .....	36
Chesapeake Bay 1972 .....	38
Chesapeake Bay 1973 .....	39
Chesapeake Bay 1974 .....	42
Chesapeake Bay 1975 .....	46
Chesapeake Bay 1976 .....	51
Chesapeake Bay 1977 .....	56
Chesapeake Bay 1978 .....	59
Chesapeake Bay 1979 .....	64
Chesapeake Bay 1980 .....	66
Chesapeake Bay 1981 .....	70
Chesapeake Bay 1982 .....	72
Appendix A -Vessel Codes .....	74
Appendix B -Gear Codes -30' Semi-Balloon Trawl .....	75
Appendix C -Gear Codes -16' Semi-Balloon Trawl .....	77
Appendix D -Fixed and Random Chesapeake Bay Stations With Their Latitudes and Longitudes .....	78
Appendix E -Fixed Chesapeake Bay Stations With Their Latitudes and Longitudes .....	97

LIST OF FIGURES

Figure 1 -Chart of Lower Chesapeake Bay Showing the Four Quadrants .....	7
Figure 2 -Diagram of the Original VIMS 30' Trawl .....	8
Figure 3 -Diagram of the Original 16' Trawl .....	9

-A DOCUMENTATION OF VIRGINIA TRAWL SURVEYS, 1955-1984, LISTING PERTINENT  
VARIABLES: DATE, STATION LOCATION, GEAR, VESSEL, TOW DIRECTION,  
AND TYPE OF SURVEY.

VOLUME I -CHESAPEAKE BAY

INTRODUCTION

The Virginia Institute of Marine Science (VIMS) has been conducting trawl surveys in Virginia's portion of Chesapeake bay and its tributary rivers since 1955. The purpose of the surveys is to monitor stocks of young-of-the year fishes in those waters. In addition, the surveys provide information on life history, growth, movements and the dynamics of Chesapeake Bay fish populations. Data are stored on magnetic tape, using the Prime 9955 computer at VIMS. Abundance data are stored in Fortran (F77) files called "Afish"//Yrs. In addition, another set of Fortran (F77) files "Frank.19"//Yrs contains the corresponding length measurement data. Collectively these files contain about 120,000 records for the York, James, Rappahannock, and Potomac rivers, and in the Chesapeake Bay for the years 1955 to 1984.

Initially all of the data were collected with a 30' semi-balloon otter trawl, but later a smaller 16' semi-balloon otter trawl was added for use in confined or shallow areas. The 30' semi-balloon trawl used in 1955 was manufactured by the Marinovich Trawl Co. Edward Marinovich, owner of that company has provided us with copies of the original net drawings including specifications. He was also able to provide us with information on changes made in the trawls over the years. These specifications are presented in Figures 2 and 3, and Appendices B and C. Those show that in subsequent years changes were made in the body and wings of the trawls, along with changes from unlined to lined cod-end. Cotton thread used originally in the construction of the early trawls, was replaced by nylon. In addition to changes in trawl dimension, there were rigging changes and changes in the dimensions of the trawl boards and in the bridle lengths. Recently, a tickler chains was added. Lastly net makers have changed: hopefully trawls purchased from other net companies were fabricated according to the current "Marinovich" specifications.

William H. Massmann, who initiated the surveys adopted a fixed, rather than a randomized station plan, to be run in the deep channels of all rivers. Subsequent investigators followed the same plan until 1973, at which time Walter J. Hoagman and W. Jackson Davis of the VIMS Fisheries Department decided that a change in procedure to a stratified, randomized, semi-annual (summer and winter) survey was needed. A statistical review of the accumulated trawl data had revealed that the samples for any month were too small to be significant, and in addition were not suitable for any statistical analysis because they were not random. The first randomizations were made by latitude and longitude from the various depth strata, which proved awkward and were altered in 1978. This new randomization plan called for the division of each river into four depth strata, each stratum sectioned into quarter mile blocks. In each stratum, the blocks were permanently numbered progressively up-river to the end of sampling area, and then numbering was resumed at the mouth of the river for the next stratum. Numbers were not duplicated within a river. Later a fifth depth stratum was

added. Latitudes and longitudes for the random stations are presented by depth strata in Appendices D and E. When a new survey was planned, the stations to be occupied were drawn from a table of random numbers. This proved to be time consuming, so a program was developed by Frank J. Wojcik in Fortran (F77) for drawing random stations using the random number generator programmed into the computer.

Failure of the semi-annual, randomized, stratified plan became apparent in 1979 when the the trawl surveys failed to provide any indication of the huge buildup in the weakfish population. Examination of all York River weakfish data (1955 to 1979) showed that the semi-annual trawl survey sampled the areas at the time of the year when juvenile weakfish were not present. Based upon this evidence Frank J. Wojcik and John V. Merriner felt it was imperative that the smaller, monthly, non-random channel surveys be resumed, especially when it was noted that different species use the river nursery grounds at different times of the year. When this was done in the York River in 1979, a large catch of juvenile weakfish was obtained, all within the period September through November. This demonstrated conclusively that within the constraints of time and money, that the fixed, monthly, channel sampling was the better plan, and was resumed for all rivers in May of 1981 and has continued to the present.

Because of the various changes in gear and procedure that have occurred over the course of the surveys, it was felt the changes should be documented. The format of the data, presented with some explanation of the abbreviations used, is given in Table 1. Vessel codes in Appendix A, gear codes and their corresponding gear descriptions are presented in Appendix B, and station locations in Appendices D and E.

The amount of survey data was so voluminous that it was decided that documentation would best be presented separately for each area. The volume setup follows. Volume I has the data for Chesapeake Bay, Volume II for the York River, Volume III for the James River, Volume IV for the Rappahannock River and Volume V for the Potomac River. Date, station location, gear type and specifications, vessel, tow direction and type of survey (fixed or random) are tabulated.

## Chesapeake Bay and Pocomoke Sound 1955-1982 (Volume I)

Volume I describes the surveys of the Chesapeake Bay. Although Chesapeake Bay has been sampled since 1955 few samples were taken in any years prior to 1972 because there was no formal bay survey. Information on the Chesapeake Bay fishes was obtained in conjunction with the surveys of the York River from the mouth into the York River Entrance Channel, which is actually in the Bay, and to the Bay mouth. After 1972 a more formal Bay survey was initiated and from the mouth of the Bay northward (up-Bay) to the Maryland state line.

The Bay randomization plan also differed somewhat from the plan used for the rivers. The Bay was sectioned off into four quadrants (NE, NW, SE and SW) (Figure 1), which were then divided into the same five depth strata used in the rivers. These strata were then sectioned into quarter mile blocks, and each block was permanently numbered randomly, not progressively as were the river blocks. Stations to be made were drawn from a table of random numbers.

### CHESAPEAKE BAY SAMPLE SITES

For the years 1955-1972, Chesapeake Bay sites were fixed channel stations (F), coded CB00-CB30, the two digits denoting miles from the bay mouth northwest toward the York River entrance.

For 1973, 1980-1982, locations of the FIXED STATIONS (F) with the following codes are shown in Appendix D (which also lists RANDOM BLOCK sites):

- CB001-CB999.
- C1001-C1101, additional Chesapeake Bay sites or blocks.
- CL001-CL999, Chesapeake Bay Lower, replacing CB00 in 1981.
- C1150-C1278, mostly shoal stations less than 20' deep.
- C1250-C1255, C1262, C1271-C1272, C1278 are not shoal stations.
- CB134, C1045, C1204 (shoal), C1262 and C1278 are Pocomoke Sound sites.
- C1250 and C1255 are deep water Rappahannock Disposal sites.

For 1974-1982, locations of RANDOM BLOCKS (R), with the following codes are shown in Appendix D:

- CB001-CB999 are sites with depths greater than 20'.
- C1001-C1101, additional Chesapeake Bay sites or blocks, with depths greater than 20'.
- CL001-CL999, Chesapeake Bay Lower, replacing CB00 in 1981.
- C1150-C1278 are mostly shoal stations less than 20' deep, most often trawled with a 16' net with the R/V Brooks.
- C1250-C1255, C1262, C1271-C1272, C1278 are not shoal stations.
- C1250 and C1255 are deep water Rappahannock Disposal sites.
- C5001-C5038 are shoal stations made with the R/V Restless.

For 1980-1982, FIXED STATIONS (F) that are coded as follows are shown in Appendix E.

C1034-C1038 are deep water Old Plantation Disposal sites on the eastern side of Chesapeake Bay off the City of Cape Charles (also labeled CBCC1-CBCC2).

CB587, CB843 and CB926 are sites off Little Creek sometimes labeled CBC02, while CB888 and CB902 are sites off Lynnhaven Inlet sometimes labeled CBC03, around Thimble Shoal Channel in the lower Chesapeake Bay.

C1250 and C1255 are deep water Rappahannock Disposal sites (also labeled CBCS1-CBCS2).

CB134, C1045, C1204 (shoal), C1262 and C1278 are Pocomoke Sound sites (also labeled CBCP1-CBCP5).

Table 1 -VARIABLES ASSIGNED TO THE VIMS TRAWL SURVEYS.

1. MO/DA            Month and day of collection.
2. F, R            Fixed (F) or stratified random (R) station.
3. SAMPLE SITE    One or two letter code designating the river or bay site, followed by either (a) the number of nautical miles from the mouth of the river; or (b) a specific location, e.g., YKN10 indicates this station was made on the north side of the York River channel about mile 10; or (c) three or four numbers representing quarter-mile blocks. Detailed codes for each river and bay are given in specific volumes.
4. COLL NOS.      Survey code (2-letters), followed by a 3-digit collection number, sequential for each year.  
F for Fisheries Department: 1955-1964, 1966-1972.  
N for Nursery Ground Study: 1965  
A for Alosa Survey: 1973-1975  
I for Ichthyology Department: 1974-1982.  
L for Data collected by Linda Pushee Mercer: 1971.
5. VESSEL        Two-letter code used until mid-1981, then a gradual change to a 2-digit code (See Appendix A).
6. GR CD         Two-digit gear code (See Appendix B).
7. W, A          Direction of tow: W with tide, A against tide.
8. TOW            Tow time, 1-15 minutes, is the length of time that the trawl was pulled over the bottom at full trawling speed. Since speed for a given rpm varied with vessels used, the rpm needed to produce a slack water ground speed of 3 mph was calibrated for each vessel. A recorded time of over 15 minutes indicates actual distance covered, instead of time trawled: thus, a value of 25 corresponds to a quarter of a mile, 0.25 M.
9. DOOR          Door sizes varied: 48" x 22" and 54" x 25" for 30' trawls and 24' x 12' for the 16' trawl net (see Appendix B).
10. TICK CHAN    NO-tickler chain not used. YES-tickler chain used (see Appendix B).
11. BDL LGT      Length of bridle was not considered important in the early phases of the survey and it was not until comparison tows were made that attention was paid to this variable. A 90' bridle with the 30' trawl appears to provide the maximum

catch, but was found to be too long for some waters, so a 60' bridle was adopted as the present standard (see Appendix B).

12. TRAWL TYPE     Trawl were of three types: 30' semi-balloon (30'SB), 16' semi-balloon (16'SB), and 16' two-seam (16'2S).
13. BODY MESH     Body mesh varied: 1" through 1960, then generally 1-1/2" when new, but shrinking considerably with time, especially in the early cotton nets (see Appendix B).
14. THD TYP       Thread type varied from cotton (C) to nylon (N). At some stage, both types were probably in use (see Appendix B and C).
15. LINER MESH     Cod end was either unlined, lined with 1/2" stretched mesh or 1/4" bar mesh (see Appendix B).
16. BAG MESH       Bag mesh was 3/4" through 1960, then 1-1/4", but some shrinkage occurred (see Appendix B). Mesh on 16' trawl was 1-1/4" throughout entire use.

Figure 1 -Chart of Lower Chesapeake Bay Showing the Four Quadrants

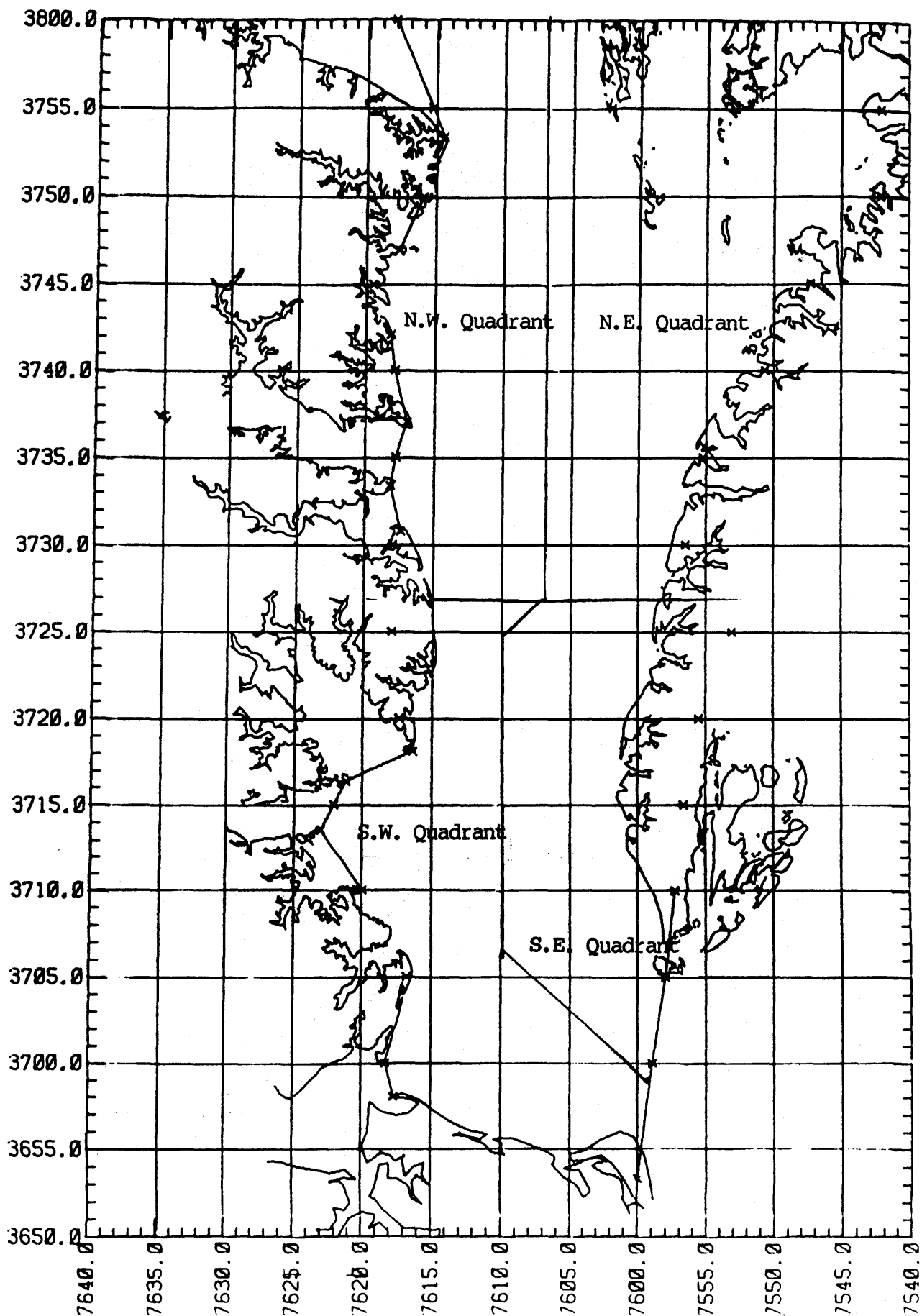
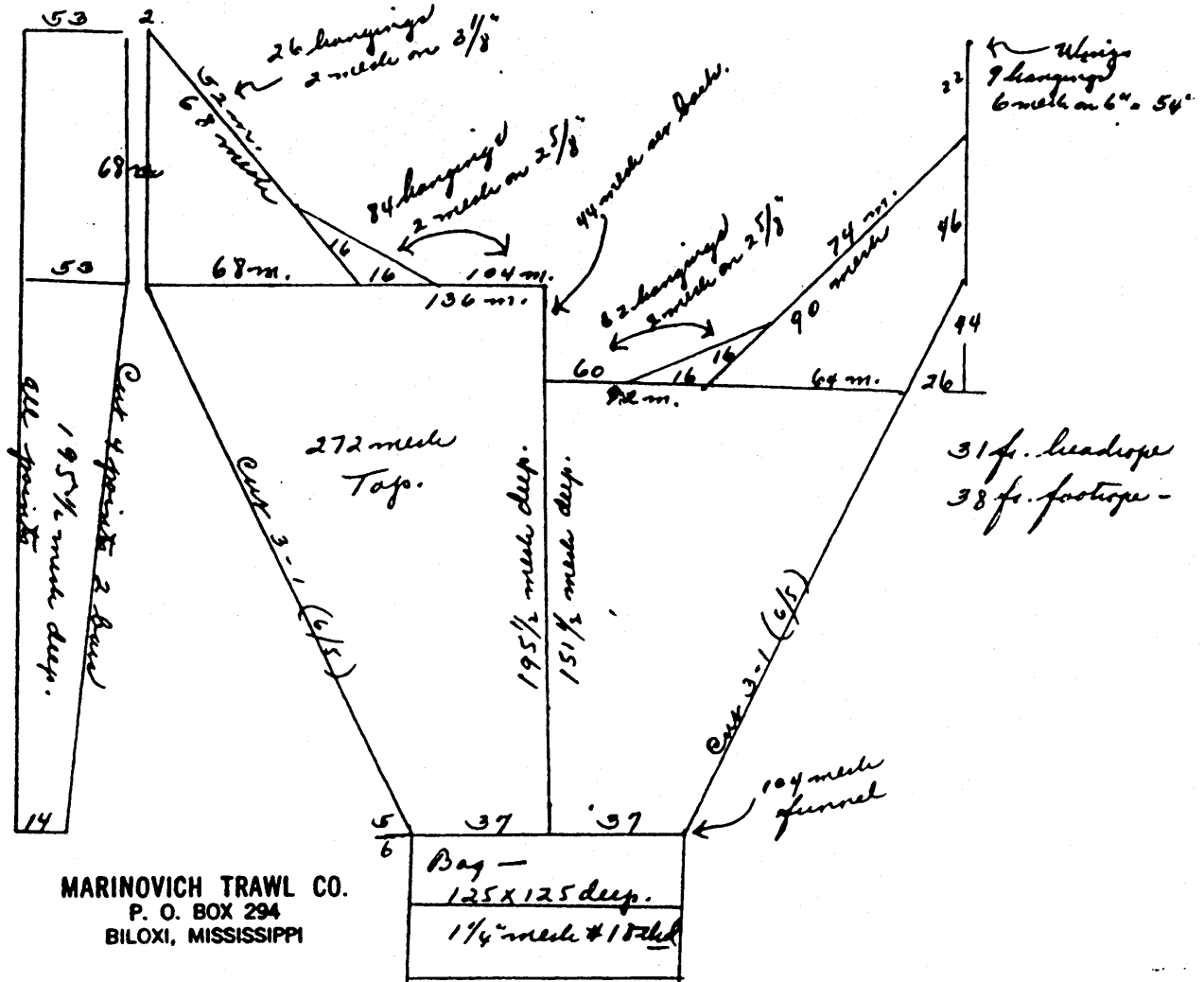


Figure 2 -Diagram of the Original VIMS 30' Trawl.

30ft. SEMI-BALLON TRAWL , 1½ INCH STRETCH MESH

VIRGINIA INSTITUTE OF MARINE SCIENCE



30ft. SEMI-BALLON TRAWL:  
31ft. headrope , 37ft. footrope , net made of cotton netting of the following size mesh and thread; 1½ inch mesh # 9 thread body , 1¼ inch mesh # 18 thread bag , net hung on 7/16 inch diameter heep net rope , legs extended from net 6ft. with wire rope thimbels spliced at each end , 2/0 galvanized chain on footrope, hung loop style , 16 links to 12 inches , Ask floats on headrope , nets treated in green net preservative , complete in every respect , code 68 H 3 & 2½ inch.

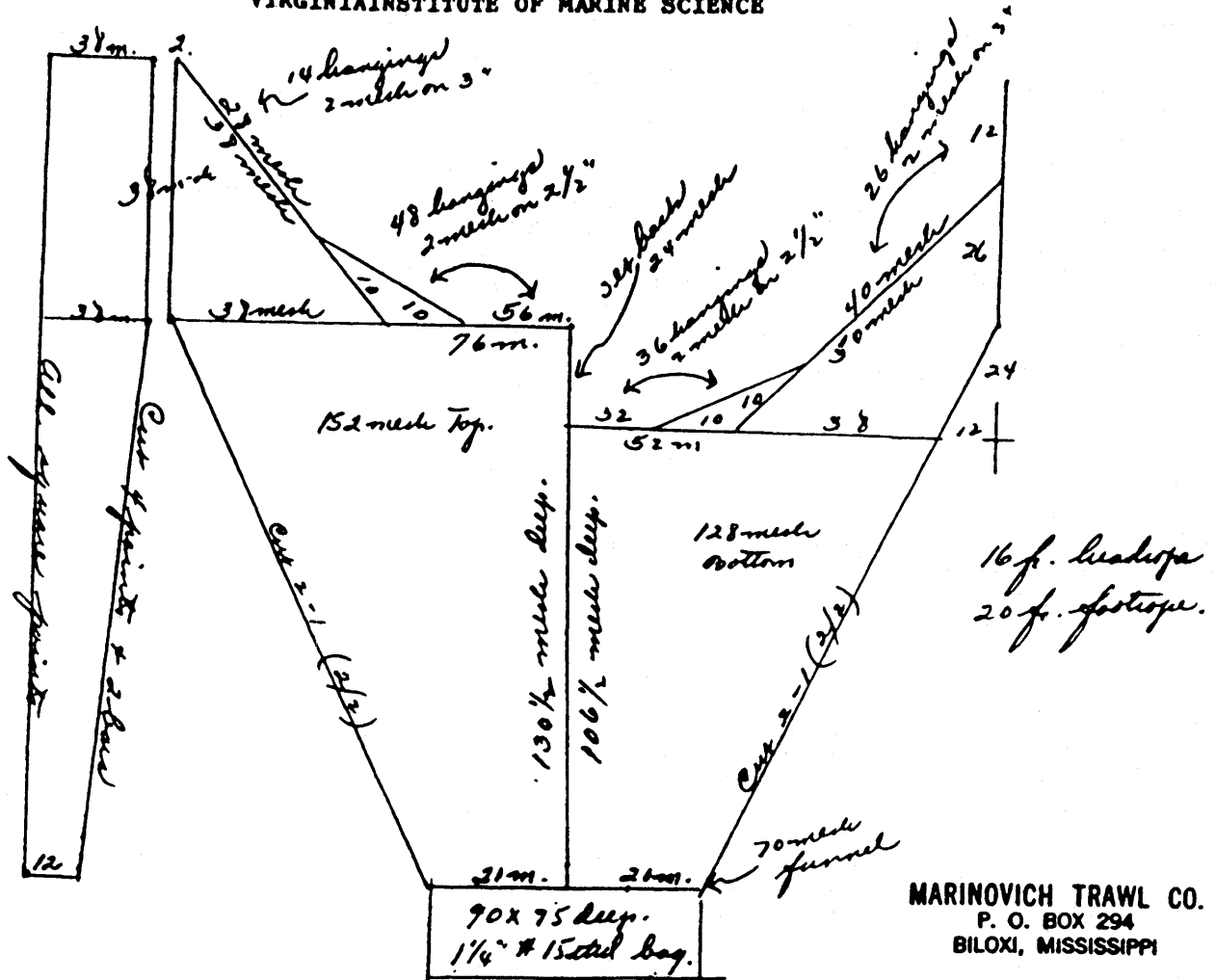
TRAWL DOORS : Suitable for above net, trawl doors 48 inch in length and 22 inch in width, doors made of one inch pine lumber , 1½ X ½ straps and braces, 3/8 X 2½ bottom shoe runner, 3/16 inch galvanized chainbridle, 3/8 inch swivel , doors set and ready to use.

MARINOVICH TRAWL COMPANY  
BY *Steve J. Marinovich*  
Steve J. Marinovich  
4/20/63.

Figure 3 -Diagram of the Original 16' Trawl.

16ft. SEMI-BALLON TRAWL:  $1\frac{1}{2}$  inch stretch mesh

VIRGINIA INSTITUTE OF MARINE SCIENCE



16ft; SEMI-BALLON TRAWL:

16ft. headrope, 20ft. footrope, net made of nylon netting of the following size mesh and thread;  $1\frac{1}{2}$  inch mesh # 9 thread body,  $1\frac{1}{2}$  inch mesh # 15 thread bag with an innerliner of  $\frac{1}{2}$  inch stretch mesh # 208 nylon fine yarn netting, net hung on  $\frac{3}{8}$  inch poly-dac net rope, legs extended from net 3ft. with wire rope thimbels spliced at each end and shackles attached to fasten unto doors, ark floats on headrope,  $\frac{1}{8}$  inch galvanized chain on footrope, loop style, net treated in green copper naphthenate net preservative, complete in every respect and ready to use, code 38 H 3 &  $2\frac{1}{2}$  inch.

Trawl doors to fit above net;

Trawl doors 24 inch in length and 12 inch in width, doors made of one inch mahogany lumber, straps and braces of  $1 \times \frac{1}{4}$  inch mild steel, bottom shoe runner of  $\frac{3}{8} \times 2$  inch mild steel, doors bridled with 2/0 galvanized chain with one  $\frac{5}{16}$  inch steel swivel at the head of each bridle, doors set and ready to use; Towline rigged of 80 ft. of  $\frac{3}{8}$  inch diameter nylon rope, 20ft. bridle spliced in and rigged with shackles to tow from one line, complete in every respect and ready to use.

MARINOVICH TRAWL COMPANY

BY: Steve J. Marinovich  
 Steve J. Marinovich

VIMS ICHTHYOLOGY TRAWL SURVEY -1955  
 -LISTING BY F. J. WOJCIK NOVEMBER, 1987  
 FOR DATA SET (AFISH55.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
05/01	F	CB00	F 54	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
06/08	F	CB00	F 98	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/06	F	CB10	F131	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/06	F	CB10	F132	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/06	F	CB15	F135	VL	82	W	08	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/01	F	CB00	F199	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1956  
 -LISTING BY F. J. WOJCIK NOVEMBER, 1987  
 FOR DATA SET (AFISH56.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
04/19	F	CB15	F 26	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
04/19	F	CB10	F 27	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
04/19	F	CB10	F 28	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
04/19	F	CB00	F 29	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
04/19	F	CB00	F 30	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
05/28	F	CB10	F 66	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
05/28	F	CB10	F 67	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
05/28	F	CB00	F 68	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
05/28	F	CB00	F 69	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
05/29	F	CB15	F 70	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/23	F	CB10	F 91	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/23	F	CB10	F 92	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/23	F	CB00	F 93	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/23	F	CB00	F 94	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/24	F	CB15	F 95	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/06	F	CB10	F112	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/06	F	CB00	F115	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/07	F	CB00	F117	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/20	F	CB10	F140	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/20	F	CB10	F141	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/20	F	CB00	F142	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/20	F	CB00	F143	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/21	F	CB15	F144	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
09/07	F	CB00	F174	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
09/07	F	CB00	F175	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
09/07	F	CB10	F176	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
10/15	F	CB10	F209	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
10/15	F	CB10	F210	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
10/15	F	CB00	F211	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
10/15	F	CB00	F212	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
10/16	F	CB15	F213	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
11/12	F	CB15	F225	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
11/14	F	CB10	F229	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
11/14	F	CB10	F230	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
11/14	F	CB00	F231	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
11/14	F	CB00	F232	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
12/10	F	CB10	F242	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
12/10	F	CB10	F243	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
12/10	F	CB00	F244	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
12/10	F	CB00	F245	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
12/11	F	CB15	F246	VL	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1957  
 -LISTING BY F. J. WOJCIK NOVEMBER, 1987  
 FOR DATA SET (AFISH57.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
01/14	F	CB15	F	1	VL	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
01/15	F	CB10	F	6	VL	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
01/15	F	CB10	F	7	VL	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
01/15	F	CB00	F	8	VL	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
01/15	F	CB00	F	9	VL	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
02/11	F	CB10	F	16	VL	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
02/11	F	CB10	F	17	VL	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
02/12	F	CB15	F	18	VL	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
02/18	F	CB00	F	30	VL	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
02/18	F	CB00	F	31	VL	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
03/12	F	CB15	F	32	VL	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
03/13	F	CB00	F	36	VL	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
03/13	F	CB00	F	37	VL	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
03/13	F	CB10	F	38	VL	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
03/13	F	CB10	F	39	VL	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
05/15	F	CB15	F	61	VL	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/22	F	CB10	F	69	PA	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/22	F	CB10	F	70	PA	82	W 08	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/22	F	CB00	F	71	PA	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/22	F	CB00	F	72	PA	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/22	F	CB00	F	73	PA	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/22	F	CB00	F	74	PA	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/22	F	CB00	F	75	PA	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/22	F	CB00	F	76	PA	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/24	F	CB15	F	77	PA	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/24	F	CB15	F	78	PA	82	W 15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
08/21	F	CB10	F 79	PA	82	W	08	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/21	F	CB10	F 80	PA	82	W	08	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/21	F	CB00	F 81	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/21	F	CB00	F 82	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/26	F	CB15	F 83	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
09/16	F	CB00	F108	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
09/24	F	CB00	F133	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
09/24	F	CB00	F134	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
09/24	F	CB00	F135	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
09/24	F	CB00	F136	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
09/24	F	CB00	F137	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
09/24	F	CB10	F138	PA	82	W	08	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
09/24	F	CB10	F139	PA	82	W	08	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
09/25	F	CB15	F140	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
10/16	F	CB15	F170	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
10/16	F	CB10	F171	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
10/16	F	CB10	F172	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
10/16	F	CB00	F173	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
10/16	F	CB00	F174	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
11/19	F	CB00	F176	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
11/19	F	CB00	F177	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
11/19	F	CB10	F178	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
11/19	F	CB10	F179	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
11/19	F	CB15	F180	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
12/10	F	CB00	F192	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
12/10	F	CB00	F193	PA	81	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
12/10	F	CB10	F194	PA	81	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
12/10	F	CB10	F195	PA	81	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
12/11	F	CB15	F197	PA	81	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1958  
 -LISTING BY F. J. WOJCIK NOVEMBER, 1987  
 FOR DATA SET (AFISH58.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
01/06	F	CB00	F 1	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
01/14	F	CB15	F 23	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
01/15	F	CB10	F 27	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
01/15	F	CB00	F 29	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
01/15	F	CB00	F 30	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
02/12	F	CB10	F 47	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
02/12	F	CB10	F 48	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
02/12	F	CB00	F 49	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
02/12	F	CB00	F 50	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
02/13	F	CB15	F 54	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
03/12	F	CB10	F 66	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
03/12	F	CB00	F 68	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
04/15	F	CB10	F101	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
04/15	F	CB10	F102	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
04/15	F	CB00	F103	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
04/15	F	CB00	F104	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
04/18	F	CB15	F116	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
05/19	F	CB10	F143	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
05/19	F	CB10	F144	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
05/19	F	CB00	F145	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
05/19	F	CB00	F146	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
05/19	F	CB15	F147	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
06/17	F	CB00	F170	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
06/17	F	CB00	F171	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
06/17	F	CB10	F172	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
06/17	F	CB10	F173	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
06/18	F	CB15	F174	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
07/17	F	CB10	F194	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/17	F	CB00	F196	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/17	F	CB00	F197	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/17	F	CB15	F198	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/13	F	CB15	F273	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/13	F	CB10	F274	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/13	F	CB10	F275	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/13	F	CB00	F276	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/13	F	CB00	F277	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
09/26	F	CB15	F292	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
09/26	F	CB10	F293	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
09/26	F	CB10	F294	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
09/26	F	CB00	F295	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
09/26	F	CB00	F296	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
10/14	F	CB10	F297	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
10/14	F	CB10	F297	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
10/14	F	CB00	F298	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
10/14	F	CB00	F299	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
10/14	F	CB10	F300	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
10/14	F	CB15	F301	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
11/11	F	CB00	F314	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
11/11	F	CB00	F315	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
11/11	F	CB10	F316	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
11/11	F	CB10	F317	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
11/11	F	CB15	F318	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1959  
 -LISTING BY F. J. WOJCIK NOVEMBER, 1987  
 FOR DATA SET (AFISH59.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
04/15	F	CB00	F162	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
04/15	F	CB10	F163	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
04/15	F	CB10	F164	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
06/22	F	CB15	F229	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
06/22	F	CB10	F230	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
06/22	F	CB10	F231	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
06/22	F	CB00	F232	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
06/22	F	CB00	F233	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/15	F	CB15	F274	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/15	F	CB10	F276	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/15	F	CB00	F277	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/15	F	CB00	F278	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/12	F	CB15	F308	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/12	F	CB10	F309	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/12	F	CB10	F310	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/12	F	CB00	F311	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/12	F	CB00	F312	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
09/09	F	CB15	F325	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
09/09	F	CB00	F326	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
09/09	F	CB00	F327	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
09/09	F	CB10	F328	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
09/09	F	CB10	F329	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
10/13	F	CB15	F342	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
10/13	F	CB10	F343	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
10/13	F	CB10	F344	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
10/13	F	CB00	F345	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
10/13	F	CB00	F346	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
11/12	F	CB15	F429	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
11/23	F	CB00	F430	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
11/23	F	CB00	F431	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
11/23	F	CB10	F432	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
11/23	F	CB10	F433	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1960  
 -LISTING BY F. J. WOJCIK NOVEMBER, 1987  
 FOR DATA SET (AFISH60.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
05/10	F	CB15	F178	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
05/10	F	CB10	F179	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
05/10	F	CB10	F180	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
05/10	F	CB00	F181	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
05/10	F	CB00	F182	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
06/30	F	CB00	F273	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
06/30	F	CB00	F274	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
06/30	F	CB10	F275	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
06/30	F	CB15	F276	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/13	F	CB15	F281	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/13	F	CB10	F282	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/13	F	CB10	F283	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/13	F	CB00	F284	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
07/13	F	CB00	F285	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/08	F	CB15	F321	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/08	F	CB10	F322	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/08	F	CB10	F323	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/08	F	CB00	F324	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"
08/08	F	CB00	F325	PA	82	W	15	48"X22"	NO	30'	30'SB	1"	C	UNLINE	3/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1961  
 -LISTING BY F. J. WOJCIK NOVEMBER, 1987  
 FOR DATA SET (AFISH61.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
05/09	F	CB10	F 79	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/09	F	CB00	F 81	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/06	F	CB10	F120	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/06	F	CB00	F122	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/05	F	CB10	F167	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/05	F	CB00	F169	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/08	F	CB10	F210	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/08	F	CB00	F211	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/22	F	CB10	F269	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/09	F	CB10	F277	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/09	F	CB00	F279	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/10	F	CB10	F280	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/09	F	CB10	F329	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/09	F	CB00	F331	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1962  
 -LISTING BY F. J. WOJCIK NOVEMBER, 1987  
 FOR DATA SET (AFISH62.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
01/16	F	CB10	F 4	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/16	F	CB00	F 5	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/13	F	CB10	F 36	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/13	F	CB00	F 37	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/13	F	CB10	F 64	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/13	F	CB00	F 65	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/27	F	CB10	F100	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/27	F	CB00	F101	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/18	F	CB10	F142	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/18	F	CB00	F143	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/18	F	CB10	F189	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/18	F	CB00	F190	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/14	F	CB00	F198	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/14	F	CB10	F199	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/16	F	CB00	F272	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/16	F	CB10	F273	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/13	F	CB10	F281	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/13	F	CB00	F282	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1963  
 -LISTING BY F. J. WOJCIK NOVEMBER, 1987  
 FOR DATA SET (AFISH63.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
01/15	F	CB10	F	2	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/15	F	CBOO	F	3	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/18	F	CB10	F	16	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/18	F	CBOO	F	17	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/15	F	CB10	F	25	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/15	F	CBOO	F	26	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/15	F	CBOO	F	27	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/08	F	CB10	F	29	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/08	F	CBOO	F	30	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/21	F	CB10	F	69	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/21	F	CBOO	F	70	PA	13	W 15	48"X22"	NO	30'	30'SB	1-1/2'	C	UNLINE	1-1/4"
07/23	F	CBOO	F	93	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/23	F	CB10	F	94	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/13	F	CBOO	F112	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
08/13	F	CB10	F113	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
09/27	F	CB10	F135	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
09/27	F	CBOO	F136	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
10/16	F	CB10	F148	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
10/16	F	CBOO	F149	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
11/19	F	CBOO	F159	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
11/19	F	CB10	F160	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	

VIMS ICHTHYOLOGY TRAWL SURVEY -1964  
 -LISTING BY F. J. WOJCIK NOVEMBER, 1987  
 FOR DATA SET (AFISH64.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
01/17	F	CB10	F 14	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE 1-1/4"
01/17	F	CB00	F 15	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE 1-1/4"
02/18	F	CB00	F 26	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE 1-1/4"
02/18	F	CB10	F 27	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE 1-1/4"
03/17	F	CB00	F 35	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE 1-1/4"
03/17	F	CB10	F 36	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE 1-1/4"
05/11	F	CB10	F 72	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE 1-1/4"
05/11	F	CB00	F 73	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE 1-1/4"
06/22	F	CB00	F105	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE 1-1/4"
06/22	F	CB00	F106	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE 1-1/4"
06/23	F	CB00	F107	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE 1-1/4"
06/23	F	CB00	F108	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE 1-1/4"
06/23	F	CB10	F109	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE 1-1/4"
07/15	F	CB00	F133	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE 1-1/4"
07/15	F	CB10	F134	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE 1-1/4"
08/19	F	CB00	F159	PA	10	W	10	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE 1-1/4"
08/19	F	CB10	F160	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE 1-1/4"
09/15	F	CB00	F174	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE 1-1/4"
09/15	F	CB10	F175	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE 1-1/4"
10/14	F	CB00	F188	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE 1-1/4"
10/14	F	CB10	F189	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE 1-1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
11/13	F	CB10	F203	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/13	F	CBOO	F204	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/11	F	CB10	F236	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/11	F	CBOO	F237	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1965  
 -LISTING BY F. J. WOJCIK NOVEMBER, 1987  
 FOR DATA SET (AFISH65.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
01/13	F	CB00	N 6	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/16	F	CB10	N 42	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/16	F	CB00	N 43	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/22	F	CB10	N 64	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/22	F	CB00	N 65	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/15	F	CB00	N 81	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/15	F	CB10	N 82	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/20	F	CB318*N	88	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/14	F	CB00	N103	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/14	F	CB10	N104	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/18	F	CB318*N	112	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/11	F	CB00	N122	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/11	F	CB00	N124	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/30	F	CB675*N	134	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/09	F	CB00	N150	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/09	F	CB10	N151	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"

\* See Appendix D

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
08/17	F	CB10	F188	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/18	F	CB00	F189	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/16	F	CB00	N203	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/16	F	CB10	N204	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/18	F	CB10	N222	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/18	F	CB00	N223	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/15	F	CB10	N247	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/15	F	CB00	N248	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1966  
 -LISTING BY F. J. WOJCIK DECEMBER 1984  
 FOR DATA SET (AFISH66.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
02/21	F	CB10	F 45	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/21	F	CB00	F 46	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/03	F	CB30	F 63	PA	10	W	*	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/03	F	CB20	F 64	PA	10	W	*	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/18	F	CB10	F127	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/18	F	CB00	F128	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/23	F	CB10	F188	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/23	F	CB00	F189	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/20	F	CB10	F237	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/20	F	CB00	F238	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/26	F	CB10	F279	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/26	F	CB00	F280	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/23	F	CB10	F320	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/23	F	CB00	F321	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/19	F	CB10	F362	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/19	F	CB00	F363	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/24	F	CB10	F394	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/24	F	CB00	F395	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"

\* Time not recorded, probably 15 minutes.

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
11/28	F	CB10	F432	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/16	F	CBOO	F456	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/16	F	CB10	F457	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1967  
 -LISTING BY F. J. WOJCIK DECEMBER 1984  
 FOR DATA SET (AFISH67.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
01/13	F	CB00	F 18	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/13	F	CB10	F 19	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/20	F	CB10	F 42	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/20	F	CB00	F 43	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/13	F	CB10	F 52	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/13	F	CB00	F 53	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/18	F	CB10	F 96	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/18	F	CB00	F 97	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/16	F	CB10	F120	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/16	F	CB00	F121	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/20	F	CB00	F143	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/22	F	CB10	F144	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/17	F	CB10	F154	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/17	F	CB00	F155	PA	10	W	07	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/21	F	CB10	F185	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/21	F	CB00	F186	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/13	F	CB10	F209	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/13	F	CB00	F210	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/16	F	CB10	F224	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/16	F	CB00	F225	PA	10	W		48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
11/13	F	CB10	F254	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/13	F	CB00	F255	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/13	F	CB00	F274	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/13	F	CB10	F275	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1968  
 -LISTING BY F. J. WOJCIK DECEMBER 1984  
 FOR DATA SET (AFISH68.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
01/09	F	CB00	F	7	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/29	F	CB00	F	28	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/29	F	CB10	F	29	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/19	F	CB10	F	40	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/19	F	CB00	F	41	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/08	F	CB00	F	54	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/08	F	CB10	F	55	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/14	F	CB10	F	86	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/14	F	CB00	F	87	PA	10	W 10	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/21	F	CB10	F105	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
06/21	F	CB00	F106	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
07/15	F	CB10	F122	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
07/15	F	CB00	F123	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
08/14	F	CB10	F154	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
08/14	F	CB00	F155	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
09/11	F	CB10	F190	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
09/11	F	CB00	F191	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
10/14	F	CB10	F211	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/14	F	CBOO	F212	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/11	F	CB10	F230	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/11	F	CBOO	F231	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/10	F	CB10	F262	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/13	F	CBOO	F270	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1969  
 -LISTING BY F. J. WOJCIK DECEMBER 1984  
 FOR DATA SET (AFISH69.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
01/06	F	CB10	F	1	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/06	F	CB00	F	2	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/07	F	CB00	F	40	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/10	F	CB10	F	64	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/10	F	CB00	F	65	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/07	F	CB10	F	74	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/07	F	CB00	F	75	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/12	F	CB10	F114	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
05/12	F	CB00	F115	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
06/09	F	CB10	F131	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
06/09	F	CB00	F132	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
07/07	F	CB10	F149	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
07/07	F	CB00	F150	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
08/05	F	CB10	F182	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
08/05	F	CB00	F183	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
09/08	F	CB10	F199	PA	10	W 20	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
09/08	F	CB00	F201	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
10/06	F	CB10	F225	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
10/06	F	CB00	F226	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
11/05	F	CB10	F258	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/05	F	CB00	F259	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/01	F	CB10	F274	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/01	F	CB00	F275	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1970  
 -LISTING BY F. J. WOJCIK DECEMBER 1984  
 FOR DATA SET (AFISH70.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
01/05	F	CB10	F 2	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/05	F	CB00	F 3	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/09	F	CB10	F 27	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/09	F	CB00	F 28	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/10	F	CB00	F 57	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/10	F	CB10	F 58	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/20	F	CB10	F 76	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/20	F	CB00	F 77	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/11	F	CB10	F100	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/11	F	CB00	F101	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/22	F	CB10	F133	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/22	F	CB00	F134	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/06	F	CB10	F143	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/06	F	CB00	F144	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/07	F	CB00	F200	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/07	F	CB10	F201	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/14	F	CB10	F223	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/14	F	CB00	F224	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
10/12	F	CB10	F286	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/12	F	CB00	F287	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/09	F	CB00	F315	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/11	F	CB10	F322	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/07	F	CB10	F347	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1971  
 -LISTING BY F.J. WOJCIK NOVEMBER, 1987  
 FOR DATA SET (AFISH71.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGTH	TYPE	MESH	TYP	MESH	MESH
01/04	F	CB10	F 2	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
01/04	F	CB00	F 3	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
02/01	F	CB10	F 53	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
02/03	F	CB00	F 55	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
03/09	F	CB10	F 98	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
03/16	F	CB00	F120	LA	10	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
04/05	F	CB10	F122	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
04/05	F	CB00	F123	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
05/10	F	CB10	F171	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
05/10	F	CB00	F172	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
06/07	F	CB10	F215	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
06/07	F	CB00	F216	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
07/12	F	CB10	F244	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
07/12	F	CB00	F245	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
08/09	F	CB10	F318	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
08/09	F	CB00	F319	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
09/13	F	CB10	F392	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
09/13	F	CB00	F393	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
10/12	F	CB10	F466	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
10/12	F	CB00	F467	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
11/10	F	CB10	F540	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
11/10	F	CB00	F541	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
12/13	F	CB10	F613	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
12/13	F	CB00	F614	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1972  
 -LISTING BY F.J. WOJCIK NOVEMBER, 1987  
 FOR DATA SET (AFISH72.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
01/04	F	CB10	F	2	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
01/05	F	CB00	F	3	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
02/01	F	CB10	F	75	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
02/01	F	CB00	F	76	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
03/06	F	CB10	F148		PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
03/06	F	CB00	F149		PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
04/03	F	CB10	F221		PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
04/03	F	CB00	F222		PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
05/10	F	CB10	F287		LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
05/10	F	CB00	F288		LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
06/12	F	CB10	F335		PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
06/12	F	CB00	F336		PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
08/01	F	CB00	F447		PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
08/01	F	CB10	F448		PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1973  
 -LISTING BY F. J. WOJCIK NOVEMBER, 1987  
 FOR DATA SET (AFISH73.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
06/12	F	*C1088	A 36	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/21	F	C1010	A101	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/21	F	C1047	A103	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/21	F	C1026	A104	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/21	F	C1040	A107	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/28	F	C1079	A115	PA	33	W	03	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/28	F	C1016	A120	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/28	F	C1093	A121	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/04	F	CB067	A 1	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/04	F	CB394	A 2	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/04	F	CB294	A 3	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	CB954	A 5	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	CB690	A 6	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	CB771	A 7	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	CB055	A 8	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	CB593	A 9	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	CB530	A 10	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	CB633	A 11	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	CB951	A 12	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	CB500	A 13	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	CB327	A 14	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	CB425	A 15	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	CB367	A 16	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	CB049	A 17	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	CB105	A 18	PA	33	A	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	CB792	A 19	PA	33	A	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/12	F	CB286	A 20	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/12	F	CB889	A 21	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/12	F	CB228	A 22	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/12	F	CB985	A 23	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/12	F	CB967	A 24	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/12	F	CB173	A 25	PA	33	A	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/12	F	CB711	A 26	PA	33	A	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/12	F	CB720	A 27	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/12	F	CB477	A 28	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/12	F	CB320	A 29	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"

\* Although the station numbers in 1973 are those used in the random surveys, they were not drawn randomly, and so are fixed.

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
06/12	F	CB486	A 30	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/12	F	CB380	A 31	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/12	F	CB182	A 32	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/12	F	CB151	A 33	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/12	F	CB390	A 34	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/12	F	CB622	A 35	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/12	F	CB032	A 37	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/14	F	CB983	A 49	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/14	F	CB091	A 50	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/15	F	CB579	A 62	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/15	F	CB851	A 63	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/15	F	CB337	A 64	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/15	F	CB364	A 65	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/15	F	CB976	A 66	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/15	F	CB848	A 67	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/15	F	CB361	A 68	PA	33	A	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/15	F	CB734	A 69	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/15	F	CB816	A 70	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/15	F	CB235	A 71	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/19	F	CB831	A 83	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/19	F	CB725	A 84	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/19	F	CB136	A 85	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/19	F	CB553	A 86	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/19	F	CB444	A 87	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/20	F	CB647	A 88	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/20	F	CB570	A 89	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/20	F	CB953	A 90	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/20	F	CB833	A 91	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/20	F	CB355	A 92	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/20	F	CB113	A 93	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/20	F	CB240	A 94	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/20	F	CB226	A 95	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/20	F	CB657	A 96	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/20	F	CB179	A 97	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/20	F	CB003	A 98	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/21	F	CB275	A 99	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/21	F	CB960	A100	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/21	F	CB716	A102	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/21	F	CB371	A105	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
06/21	F	CB030	A106	PA	33	A	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/21	F	CB303	A108	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/21	F	CB807	A109	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/22	F	CB608	A110	PA	33	A	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/22	F	CB052	A111	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/22	F	CB184	A112	PA	33	A	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/22	F	CB295	A113	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/28	F	CB008	A114	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/28	F	CB134	A116	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/28	F	CB081	A117	PA	33	A	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/28	F	CB537	A118	PA	33	A	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/28	F	CB311	A119	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/28	F	CB441	A122	PA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N UNLINE		1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1974  
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 FOR DATA SET (AFISH74.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
01/16	R	C1053	A 58	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/16	R	CB945	A 59	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/16	R	CB441	A 60	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	C1093	A 62	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	CB751	A 61	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	CB372	A 63	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	CB025	A 64	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	CB610	A 65	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	CB082	A 66	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	CB136	A 67	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	CB725	A 68	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	CB222	A 69	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	CB237	A 70	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	CB831	A 71	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/28	R	CB444	A146	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/28	R	CB890	A147	LA	33	A	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/28	R	CB705	A148	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/28	R	CB933	A149	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/28	R	CB657	A150	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/28	R	CB003	A151	LA	33	A	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/28	R	CB179	A152	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/28	R	CB275	A153	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/28	R	CB960	A154	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/28	R	CB394	A155	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/28	R	CB067	A156	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/20	R	C1088	A282	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/20	R	CB622	A283	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/20	R	CB151	A284	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/20	R	CB380	A285	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/20	R	CB320	A286	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/20	R	CB091	A287	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/20	R	CB002	A288	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/20	R	CB235	A289	LA	33	W	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/20	R	CB816	A290	LA	33	A	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/20	R	CB364	A291	LA	33	A	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/20	R	CB851	A292	LA	33	A	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/20	R	CB294	A293	LA	33	A	10	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
07/16	R	CB174	I718	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	CB976	I719	LA	33	W	06	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	CB714	I720	LA	33	W	07	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	CB626	I721	LA	33	W	07	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	CB295	I722	LA	33	W	06	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	CB849	I723	LA	33	W	6	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	CB052	I724	LA	33	W	8	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	CB178	I725	LA	33	W	8	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	CB275	I726	LA	33	W	8	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	CB132	I727	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	CB071	I728	LA	33	W	06	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	CB351	I729	LA	33	W	07	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/17	R	CB831	I747	LA	33	W	06	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/17	R	CB089	I748	LA	33	W	07	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/17	R	CB910	I749	LA	33	W	07	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/18	R	C1014	I758	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/18	R	CB362	I750	LA	33	W	04	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/18	R	CB727	I751	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/18	R	CB975	I752	LA	33	W	04	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/18	R	CB714	I753	LA	33	W	08	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/18	R	CB019	I754	LA	33	W	04	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/18	R	CB025	I755	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/18	R	CB366	I756	LA	33	W	04	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/18	R	CB328	I757	LA	33	W	06	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/18	R	CB125	I759	LA	33	W	06	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	C1070	I760	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	C1078	I761	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	C1039	I762	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	C1076	I765	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	C1099	I766	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	C1011	I767	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CB374	I763	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CB120	I764	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CB062	I768	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CB175	I769	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CB430	I770	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CB048	I771	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CB138	I772	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CB305	I773	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	C1006	I783	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	C1069	I785	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
07/23	R	C1029	I788	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	C1096	I789	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CB422	I774	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CB806	I775	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CB363	I776	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CB882	I777	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CB691	I778	LA	33	W	06	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CB056	I779	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CB020	I780	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CB611	I781	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CB915	I782	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CB666	I784	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CB569	I786	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CB959	I787	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CB419	I790	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CB410	I791	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/24	R	C1034	I793	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/24	R	CB130	I792	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/24	R	CB452	I794	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/24	R	CB147	I795	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/24	R	CB233	I796	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/24	R	CB502	I797	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/24	R	CB049	I798	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/24	R	CB013	I799	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/24	R	CB506	I800	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/24	R	CB172	I801	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/24	R	CB560	I802	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/24	R	CB171	I803	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/24	R	CB202	I804	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/24	R	CB926	I805	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/24	R	CB206	I806	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/24	R	CB300	I807	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/24	R	CB135	I808	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/31	R	CB209	I825	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/31	R	CB902	I826	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/31	R	CB284	I827	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/31	R	CB207	I828	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/31	R	CB590	I829	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/31	R	CB988	I830	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
07/31	R	CB967	I831	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/31	R	CB268	I832	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/31	R	CB819	I833	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/31	R	CB241	I834	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/31	R	CB293	I835	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/31	R	CB681	I836	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/31	R	CB970	I837	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/31	R	CB486	I838	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/31	R	CB390	I839	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/31	R	CB083	I840	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	C1068	I841	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	C1088	I842	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	CB076	I843	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	CB511	I844	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	CB613	I845	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	CB734	I846	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	CB278	I847	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	CB865	I848	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	CB832	I849	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	CB026	I850	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	CB050	I851	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1975  
 -LISTING BY F. J. WOJCIK NOVEMBER, 1987  
 FOR DATA SET (AFISH75.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
02/11	R	C1073	A276	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/11	R	C1000	A286	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/11	R	CB014	A275	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/11	R	CB505	A277	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/11	R	CB209	A278	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/11	R	CB988	A279	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/11	R	CB985	A280	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/11	R	CB837	A281	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/11	R	CB682	A282	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/11	R	CB112	A283	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/11	R	CB233	A284	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/11	R	CB147	A285	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/12	R	C1081	A287	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/12	R	C1013	A288	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/12	R	CB335	A289	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/12	R	CB141	A290	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/12	R	CB821	A291	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/12	R	CB813	A292	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/12	R	CB476	A293	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/12	R	CB030	A294	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/12	R	CB010	A295	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/12	R	CB371	A296	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/12	R	CB697	A297	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/12	R	CB248	A298	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/13	R	CB104	A299	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/13	R	CB050	A300	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/13	R	CB816	A301	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/13	R	CB730	A302	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/20	R	CB772	A303	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/20	R	CB506	A304	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/24	R	C1024	A310	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/24	R	C1053	A314	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/24	R	CB132	A305	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/24	R	CB153	A306	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/24	R	CB351	A307	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/24	R	CB220	A308	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH

02/24	R	CB688	A309	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/24	R	CB019	A311	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/24	R	CB637	A312	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/24	R	CB822	A313	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/26	R	C1041	A317	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/26	R	CB304	A315	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/26	R	CB999	A316	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/27	R	C1001	A318	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/27	R	C1008	A319	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/27	R	CB119	A320	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/27	R	CB446	A321	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/27	R	CB766	A322	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"

07/08	R	C5031	I515	RE	35	W	05	24"X12"	NO	UNK*16'	SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	C5007	I516	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	C5003	I517	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	C5028	I518	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	C5028	I519	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	C5030	I520	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	C5015	I521	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	C5015	I522	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	C5011	I523	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	C5010	I524	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	C5020	I525	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	C5020	I526	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	C5004	I527	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	C5012	I528	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	CB870	I501	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	CB765	I502	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	CB087	I503	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	CB851	I504	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	CB734	I505	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	CB517	I506	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	CB464	I507	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	CB737	I508	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	CB720	I509	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	CB548	I510	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	CB973	I511	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"

\* UNK indicates unknown.

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R	SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH	MESH
07/08	R	CB185	I512	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	CB216	I513	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	CB018	I514	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	C1088	I530	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	C1072	I535	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	C5017	I549	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	C5017	I550	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	C5037	I551	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	C5019	I552	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	C5023	I553	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	C5023	I554	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	C5022	I555	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	C5032	I556	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	C5018	I557	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	C5001	I558	RE	35	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	CB983	I529	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	CB032	I531	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	CB017	I532	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	CB300	I533	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	CB197	I534	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	CB332	I536	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	CB172	I537	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	CB013	I538	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	CB049	I539	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	CB233	I540	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	CB400	I541	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	CB987	I542	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	CB097	I543	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/09	R	CB160	I544	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/10	R	C1081	I560	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/10	R	C1020	I565	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/10	R	CB601	I559	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/10	R	CB187	I561	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/10	R	CB935	I562	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/10	R	CB039	I563	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/10	R	CB576	I564	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/10	R	CB239	I566	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/10	R	CB052	I567	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	C1012	I626	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
07/14	R	C1044	I628	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB096	I609	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB168	I610	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB031	I611	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB037	I612	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB204	I613	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB788	I614	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB904	I615	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB186	I616	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB229	I617	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB489	I618	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB767	I619	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB890	I620	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB572	I621	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB317	I622	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB434	I623	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB060	I624	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB025	I625	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB637	I627	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	C1087	I643	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	C1067	I644	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	C1041	I658	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	CB586	I645	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	CB201	I646	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	CB066	I647	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	CB838	I648	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	CB883	I649	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	CB975	I650	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	CB866	I651	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	CB570	I652	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	CB232	I653	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	CB706	I654	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	CB363	I655	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	CB265	I656	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	CB123	I657	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	C1100	I697	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	C1015	I701	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	C1075	I703	LA	33	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	CB315	I692	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
07/16	R	CB084	I693	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	CB134	I694	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	CB252	I695	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	CB414	I696	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	CB698	I698	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	CB020	I699	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	CB099	I700	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	CB779	I702	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/16	R	CB259	I704	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/17	R	CB993	I705	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CB167	I779	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1976  
 -LISTING BY F. J. WOJCIK NOVEMBER, 1987  
 FOR DATA SET (AFISH76.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
02/17	R	C1056	I306	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/17	R	C1097	I308	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/17	R	CB358	I301	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/17	R	CB231	I302	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/17	R	CB127	I303	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/17	R	CB814	I304	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/17	R	CB880	I305	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/17	R	CB082	I307	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/18	R	C1089	I309	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/18	R	C1028	I315	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/18	R	C1033	I316	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/18	R	CB907	I310	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/18	R	CB770	I311	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/18	R	CB006	I312	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/18	R	CB001	I313	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/18	R	CB453	I314	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/19	R	C1006	I322	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/19	R	CB475	I317	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/19	R	CB828	I318	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/19	R	CB015	I319	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/19	R	CB276	I320	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/19	R	CB583	I321	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/19	R	CB103	I323	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/19	R	CB204	I324	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/23	R	CB474	I325	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/23	R	CB075	I326	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/23	R	CB579	I327	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/23	R	CB694	I328	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/24	R	C1020	I330	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/24	R	C1000	I333	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/24	R	C1080	I334	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/24	R	CB959	I329	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/24	R	CB303	I331	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/24	R	CB097	I332	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/24	R	CB530	I335	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/24	R	CB633	I336	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH

02/24	R	CB327	I337	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/24	R	CB151	I338	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/25	R	C1068	I339	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/25	R	C1073	I341	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/25	R	CB983	I340	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/25	R	CB406	I342	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/25	R	CB406	I343	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/25	R	CB590	I344	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/25	R	CB173	I345	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/25	R	CB801	I346	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/25	R	CB105	I347	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/25	R	CB091	I348	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"

07/06	R	C1088	I385	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	C1073	I386	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	C5018	I388	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	C5027	I389	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	C5021	I390	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	C5023	I391	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	C5033	I392	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	C5035	I393	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	C5009	I394	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	C5038	I395	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	C5017	I396	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	C5017	I397	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB026	I372	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB154	I373	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB764	I374	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB791	I375	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB730	I376	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB737	I377	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB693	I378	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB034	I379	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB242	I380	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB991	I381	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB514	I382	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB384	I383	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB158	I384	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
07/06	R	CB983	I387	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	C1080	I422	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	C1013	I426	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	C5001	I429	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	C5008	I430	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	C5008	I431	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	C5011	I432	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	C5011	I433	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	C5015	I434	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	C5015	I435	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	C5010	I436	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	C5028	I437	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	C5028	I438	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	C5015	I439	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	C5015	I440	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	C5010	I441	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	C5028	I442	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	C5028	I443	RE	35	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	CB167	I413	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	CB253	I414	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	CB207	I415	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	CB173	I416	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	CB241	I417	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	CB416	I418	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	CB431	I419	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	CB236	I420	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	CB784	I421	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	CB046	I423	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	CB142	I424	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	CB699	I425	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	CB558	I427	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	CB055	I428	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	C1069	I462	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	CB187	I460	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	CB141	I461	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	CB876	I463	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	CB224	I464	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	CB849	I465	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	CB221	I466	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
07/08	R	CB068	I467	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/08	R	CB075	I468	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/12	R	C1014	I505	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/12	R	CB054	I486	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/12	R	CB217	I487	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/12	R	CB950	I488	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/12	R	CB741	I489	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/12	R	CB894	I490	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/12	R	CB900	I491	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/12	R	CB631	I492	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/12	R	CB740	I493	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/12	R	CB127	I494	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/12	R	CB145	I495	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/12	R	CB343	I496	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/12	R	CB344	I497	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/12	R	CB420	I498	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/12	R	CB109	I499	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/12	R	CB082	I500	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/12	R	CB051	I501	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/12	R	CB595	I502	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/12	R	CB266	I503	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/12	R	CB460	I504	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	C1051	I546	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	C1003	I551	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	C1056	I552	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	CB800	I547	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	CB021	I548	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	CB738	I549	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	CB656	I550	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	C1015	I586	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB989	I576	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB417	I577	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB081	I578	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB086	I579	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB058	I580	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB339	I581	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB047	I582	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB403	I583	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB333	I584	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
07/14	R	CB093	I585	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB984	I587	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB994	I588	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB450	I589	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	CB439	I590	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	CB159	I738	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	CB292	I739	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	CB087	I740	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	CB968	I741	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	CB618	I742	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	CB621	I743	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	CB508	I744	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	CB423	I745	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	CB987	I746	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	CB150	I747	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	CB013	I748	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	CB503	I749	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	CB326	I750	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	CB024	I751	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CB685	I791	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CB985	I792	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CB169	I793	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CB196	I794	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1977  
 -LISTING BY F. J. WOJCIK NOVEMBER, 1987  
 FOR DATA SET (AFISH77.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
07/05	R	C1068	I197	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/05	R	CB159	I183	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/05	R	CB104	I184	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/05	R	CB026	I185	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/05	R	CB865	I186	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/05	R	CB087	I187	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/05	R	CB976	I188	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/05	R	CB364	I189	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/05	R	CB014	I190	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/05	R	CB214	I191	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/05	R	CB635	I192	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/05	R	CB628	I193	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/05	R	CB681	I194	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/05	R	CB824	I195	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/05	R	CB124	I196	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	C1072	I209	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB902	I208	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB857	I210	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB171	I211	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB268	I212	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB241	I213	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB170	I214	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB013	I215	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB150	I216	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB448	I217	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB407	I218	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB462	I219	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB517	I220	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB755	I221	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB566	I222	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB616	I223	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB906	I224	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB997	I225	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB073	I226	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB142	I227	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	CB097	I228	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	CB130	I257	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	CB993	I258	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
07/07	R	CB661	I259	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/07	R	CB998	I260	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/07	R	CB667	I261	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/07	R	CB849	I262	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/07	R	CB457	I263	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/07	R	CB184	I264	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/07	R	CB494	I265	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/11	R	C1046	I306	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/11	R	CB037	I300	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/11	R	CB043	I301	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/11	R	CB003	I302	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/11	R	CB070	I303	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/11	R	CB421	I304	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/11	R	CB373	I305	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/11	R	CB027	I307	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/11	R	CB449	I308	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/12	R	C1023	I314	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/12	R	C1039	I316	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/12	R	CB461	I315	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/12	R	CB563	I317	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/12	R	CB340	I318	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/12	R	CB106	I319	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/12	R	CB696	I320	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/12	R	CB442	I321	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/12	R	CB990	I322	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/12	R	CB116	I323	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/12	R	CB180	I324	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/12	R	CB134	I325	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/12	R	CB996	I326	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/12	R	CB829	I327	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/12	R	CB842	I328	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/12	R	CB156	I329	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/13	R	C1019	I363	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/13	R	C1006	I371	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/13	R	CB255	I364	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/13	R	CB366	I365	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"
07/13	R	CB388	I366	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1-1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
07/13	R	CB777	I367	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	CB113	I368	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	CB981	I369	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	CB131	I370	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	CB439	I372	LA	33	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/20	R	C1249	I525	BR	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/20	R	C1250	I526	BR	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/20	R	C1252	I527	BR	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/20	R	C1253	I528	BR	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/20	R	C1243	I529	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	C1232	I552	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	C1234	I553	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	C1225	I554	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	C1224	I555	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	C1220	I556	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	C1221	I557	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	C1215	I558	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	C1209	I559	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	C1207	I560	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	C1206	I561	BR	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	C1203	I562	BR	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	C1228	I563	BR	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	C1216	I564	BR	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	C1199	I565	BR	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	C1197	I566	BR	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	C1196	I567	BR	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	C1191	I568	BR	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	C1188	I569	BR	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	C1187	I570	BR	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	C1186	I571	BR	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	C1183	I572	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	C1181	I573	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/27	R	C1176	I619	BR	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/27	R	C1173	I620	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/27	R	C1171	I621	BR	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/27	R	C1170	I622	BR	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/27	R	C1168	I623	BR	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/27	R	C1167	I624	BR	35	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1978  
 -LISTING BY F. J. WOJCIK NOVEMBER, 1987  
 FOR DATA SET (AFISH78.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
02/21	R	CB026	I250	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/21	R	CB734	I251	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/23	R	C1072	I261	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/23	R	CB288	I252	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/23	R	CB528	I253	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/23	R	CB150	I254	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/23	R	CB630	I255	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/23	R	CB172	I256	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/23	R	CB347	I257	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/23	R	CB974	I258	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/23	R	CB922	I259	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/23	R	CB967	I260	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/27	R	C1003	I273	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/27	R	C1056	I274	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/27	R	C1097	I276	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/27	R	CB283	I262	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/27	R	CB954	I263	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/27	R	CB408	I264	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/27	R	CB128	I265	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/27	R	CB267	I266	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/27	R	CB003	I267	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/27	R	CB500	I268	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/27	R	CB600	I269	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/27	R	CB029	I270	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/27	R	CB703	I271	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/27	R	CB971	I272	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
02/27	R	CB197	I275	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
03/01	R	CB986	I309	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
03/01	R	CB180	I310	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
03/01	R	CB001	I311	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
03/01	R	CB996	I312	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
03/01	R	CB215	I313	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
03/01	R	CB453	I314	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
03/02	R	CB383	I315	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R	SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH	MESH
03/02	R	CB803	I316	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
03/02	R	CB095	I317	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
03/02	R	CB670	I318	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
03/02	R	CB653	I319	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
03/02	R	CB984	I320	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
03/02	R	CB979	I321	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
03/03	R	C1000	I326	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
03/03	R	CB998	I322	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
03/03	R	CB130	I323	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
03/03	R	CB055	I324	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
03/03	R	CB997	I325	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
03/13	R	C1073	I363	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
03/13	R	C1068	I365	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
03/13	R	CB158	I362	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
03/13	R	CB167	I364	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	C1020	I453	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	C1036	I458	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	C1199	I459	JS	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	C1200	I460	JS	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	C1213	I461	JS	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	C1211	I462	JS	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	C1205	I463	JS	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	C1230	I464	JS	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	CB765	I442	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	CB292	I443	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	CB149	I444	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	CB961	I445	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	CB457	I446	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	CB569	I447	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	CB745	I448	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	CB853	I449	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	CB676	I450	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	CB805	I451	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	CB884	I452	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	CB576	I454	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	CB708	I455	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	CB869	I456	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/05	R	CB187	I457	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/06	R	C1029	I468	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
	R	SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
07/06	R	C1013	I469	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/06	R	C1077	I472	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/06	R	C1096	I473	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/06	R	C1000	I474	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/06	R	CB141	I465	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/06	R	CB331	I466	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/06	R	CB039	I467	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/06	R	CB690	I470	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/06	R	CB639	I471	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/06	R	CB492	I475	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/06	R	CB150	I476	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/06	R	CB013	I477	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/06	R	CB506	I478	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/06	R	CB548	I479	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/06	R	CB588	I480	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/06	R	CB560	I481	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/06	R	CB170	I482	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/06	R	CB241	I483	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/06	R	CB592	I484	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/06	R	CB967	I485	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/06	R	CB924	I486	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/06	R	CB280	I487	LA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/07	R	C1073	I502	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/07	R	C1088	I503	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/07	R	CB983	I501	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/07	R	CB083	I504	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/07	R	CB151	I505	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/07	R	CB158	I506	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/07	R	CB117	I507	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/07	R	CB091	I508	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/07	R	CB059	I509	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/07	R	CB511	I510	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/07	R	CB477	I511	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/07	R	CB536	I512	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/07	R	CB517	I513	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/07	R	CB823	I514	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/07	R	CB734	I515	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/07	R	CB609	I516	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/07	R	CB244	I517	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
07/10	R	C1253	I543	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/10	R	C1250	I544	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/10	R	C1016	I545	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/10	R	C1012	I546	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/10	R	C1093	I547	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/10	R	CB217	I528	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/10	R	CB126	I529	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/10	R	CB031	I530	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/10	R	CB669	I531	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/10	R	CB943	I532	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/10	R	CB900	I533	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/10	R	CB258	I534	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/10	R	CB677	I535	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/10	R	CB309	I536	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/10	R	CB359	I537	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/10	R	CB373	I538	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/10	R	CB701	I539	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/10	R	CB222	I540	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/10	R	CB121	I541	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/10	R	CB029	I542	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/10	R	CB156	I548	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/11	R	C1067	I562	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/11	R	C1001	I569	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/11	R	C1244	I577	JS	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1 1/4"
07/11	R	CB077	I561	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/11	R	CB045	I563	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/11	R	CB108	I564	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/11	R	CB001	I565	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/11	R	CB350	I566	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/11	R	CB451	I567	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/11	R	CB829	I568	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/11	R	CB084	I570	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/11	R	CB148	I571	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/11	R	CB058	I572	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/11	R	CB965	I573	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/11	R	CB995	I574	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/11	R	CB379	I575	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/12	R	C1004	I583	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/12	R	CB895	I578	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
07/12	R	CB981	I579	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/12	R	CB213	I580	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/12	R	CB098	I581	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/12	R	CB642	I582	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/12	R	CB523	I584	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
07/12	R	CB439	I585	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
08/29	R	C1096	I839	JS	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
08/29	R	C1036	I840	JS	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
08/29	R	C1077	I841	JS	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
08/29	R	C1064	I842	JS	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
08/29	R	C1013	I843	JS	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
08/29	R	C1029	I844	JS	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
08/29	R	C1020	I845	JS	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
08/29	R	C1038	I846	JS	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
08/29	R	C1040	I847	JS	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
08/29	R	CB998	I848	JS	33	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1 1/4"
08/30	R	CB979	I851	JS	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
08/30	R	C1002	I849	JS	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
08/30	R	C1075	I850	JS	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
08/30	R	C1010	I852	JS	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1979  
 -LISTING BY F. J. WOJCIK NOVEMBER, 1987  
 FOR DATA SET (AFISH79.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
02/10	R	CB902	I691	PA	68	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/07	R	CB075	I402	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/07	R	CB734	I403	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/07	R	CB755	I404	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/07	R	CB236	I405	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/07	R	CB852	I406	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/07	R	CB514	I407	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/07	R	CB117	I408	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/07	R	CB158	I409	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/07	R	CB983	I410	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/08	R	C1034	I423	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/08	R	C1036	I424	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/08	R	C1029	I428	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/08	R	CB253	I417	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/08	R	CB789	I418	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/08	R	CB988	I419	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/08	R	CB173	I420	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/08	R	CB242	I421	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/08	R	CB711	I422	LA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/08	R	CB187	I425	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/08	R	CB141	I426	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/08	R	CB708	I427	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/08	R	CB899	I429	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/19	R	CB224	I452	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/19	R	CB054	I453	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/19	R	CB631	I454	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/19	R	CB904	I455	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/20	R	C1016	I462	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/20	R	C1101	I464	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/20	R	C1053	I465	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/20	R	CB660	I456	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/20	R	CB344	I457	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/20	R	CB955	I458	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/20	R	CB420	I459	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
03/20	R	CB109	I460	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/20	R	CB051	I461	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/20	R	CB460	I463	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/20	R	CB800	I466	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/20	R	CB021	I467	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/21	R	C1021	I475	LA	33	A	25	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/21	R	CB738	I468	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/21	R	CB988	I469	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/21	R	CB990	I470	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/21	R	CB081	I471	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/21	R	CB980	I472	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/21	R	CB339	I473	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/21	R	CB047	I474	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/21	R	CB450	I476	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/21	R	CB439	I477	LA	33	A	25	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	CB794	I686	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	CB902	I687	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/09	R	C1253	I688	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/09	R	C1253	I689	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
10/02	R	CB889	I692	PA	68	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
11/28	R	C1278	I819	JS	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
11/28	R	C1262	I820	JS	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
11/28	R	C1201	I821	JS	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
11/28	R	C1100	I822	JS	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
12/10	R	CB843	I793	JS	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
12/10	R	CB902	I794	JS	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1980  
 -LISTING BY F. J. WOJCIK FEBRUARY 1986  
 FOR DATA SET (AFISH80.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
	R	SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
02/20	R	CB843	I 55	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2"	1 1/4"
03/05	R	CB765	I 77	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2"	1 1/4"
03/05	R	CB746	I 78	PA	33	A	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2"	1 1/4"
03/10	R	CB587	I 94	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2"	1 1/4"
03/10	R	CB888	I 95	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2"	1 1/4"
04/07	R	CB865	I123	JS	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2"	1 1/4"
04/07	R	CB549	I124	JS	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2"	1 1/4"
04/07	R	CB832	I125	JS	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1 1/4"
05/06	F	C1255	I172	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
05/06	F	C1250	I173	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
05/07	F	C1204	I174	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
05/07	F	C1204	I175	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
05/07	F	C1278	I176	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
05/07	F	C1278	I177	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
05/07	F	C1262	I178	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
05/07	F	C1262	I179	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
05/07	F	C1045	I180	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
05/07	F	C1045	I181	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
05/07	F	CB134	I182	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
05/07	F	CB134	I183	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
05/07	F	C1038	I184	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
05/07	F	C1034	I185	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
05/07	F	CB587	I186	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
05/07	F	CB888	I187	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
06/03	F	C1255	I211	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
06/03	F	C1253	I212	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
06/04	F	C1204	I213	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
06/04	F	C1204	I214	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
06/04	F	C1278	I215	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
06/04	F	C1278	I216	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
06/04	F	C1262	I217	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
06/04	F	C1262	I218	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
06/04	F	C1045	I219	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
06/04	F	C1045	I220	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
06/04	F	CB134	I221	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
06/04	F	CB134	I222	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
06/05	F	C1038	I224	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
06/05	F	C1034	I225	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
06/05	F	CB888	I226	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
06/05	F	CB587	I227	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
07/09	F	C1255	I287	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
07/09	F	C1250	I288	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
07/09	F	CB134	I289	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
07/09	F	CB134	I290	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
07/09	F	C1045	I291	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
07/09	F	C1045	I292	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
07/09	F	C1204	I293	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
07/09	F	C1204	I294	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
07/09	F	C1278	I295	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
07/09	F	C1278	I296	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
07/09	F	C1262	I297	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
07/09	F	C1262	I298	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
07/02	F	C1065	I299	PA	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
07/15	F	CB902	I300	PA	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
07/15	F	CB587	I301	PA	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
08/06	F	C1255	I323	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
08/06	F	C1250	I324	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
08/07	F	CB134	I325	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
08/07	F	CB134	I326	PA	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
08/07	F	C1278	I327	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
08/07	F	C1278	I328	PA	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
08/07	F	C1204	I329	PA	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
08/07	F	C1204	I330	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
08/07	F	C1262	I331	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
08/07	F	C1262	I332	PA	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"
08/07	F	C1045	I333	PA	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1 1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
08/07	F	C1045	I334	PA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
08/07	F	C1038	I335	PA	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
08/07	F	CB888	I336	PA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
08/07	F	CB888	I337	PA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
08/07	F	CB587	I338	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
09/03	F	C1255	I362	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
09/03	F	C1250	I363	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
09/04	F	C1045	I364	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
09/04	F	C1045	I365	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
09/04	F	C1204	I366	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
09/04	F	C1204	I367	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
09/04	F	C1278	I368	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
09/04	F	C1278	I369	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
09/04	F	C1262	I370	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
09/04	F	C1262	I371	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
09/04	F	CB134	I372	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
09/04	F	CB134	I373	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
09/04	F	C1038	I374	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
09/04	F	C1034	I375	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
09/04	F	CB587	I376	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
09/04	F	CB888	I377	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
10/02	F	C1255	I420	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
10/02	F	C1250	I421	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
10/02	F	CB134	I422	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
10/02	F	CB134	I423	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
10/02	F	C1045	I424	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
10/02	F	C1045	I425	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
10/02	F	C1262	I426	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
10/02	F	C1262	I427	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
10/02	F	C1278	I428	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
10/02	F	C1278	I429	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
10/02	F	C1204	I430	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
10/02	F	C1204	I431	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
10/02	F	C1038	I432	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
10/09	F	CB587	I458	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
10/07	F	CB888	I459	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
10/09	F	C1034	I460	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
11/06	F	C1255	I471	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
11/06	F	C1250	I472	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
11/06	F	CB134	I473	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
11/06	F	CB134	I474	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
11/06	F	C1204	I475	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
11/06	F	C1204	I476	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
11/06	F	C1278	I477	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
11/06	F	C1278	I478	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
11/06	F	C1262	I479	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
11/06	F	C1262	I480	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
11/06	F	C1045	I481	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
11/06	F	C1045	I482	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
11/17	F	CB587	I496	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
11/17	F	CB888	I497	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
11/17	F	C1034	I498	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
11/17	F	C1038	I499	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
12/01	R	CB865	I513	PA	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
12/01	R	CB961	I514	PA	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
12/01	R	CB900	I515	PA	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
12/01	R	CB831	I516	PA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
12/08	R	CB851	I549	PA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
12/08	R	CB730	I550	PA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
12/08	R	CB923	I551	PA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
12/08	R	CB604	I552	PA	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1 1/4"
12/08	R	CB604	I553	PA	70	A	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1981  
 -LISTING BY F. J. WOJCIK FEBRUARY, 1986  
 FOR DATA SET (AFISH81.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
02/23	R	CB549	I 75	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/23	R	CB486	I 76	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/04	F	C1255	I158	JA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/04	F	C1250	I159	JA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/05	F	C1045	I160	JA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/05	F	C1045	I161	JA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/05	F	C1204	I162	JA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/05	F	C1204	I163	JA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/05	F	C1278	I164	JA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/05	F	C1262	I166	JA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/05	F	C1262	I167	JA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/05	F	CB134	I168	JA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/05	F	CB134	I169	JA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/05	F	CB998	I170	JA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/05	F	C1080	I171	JA	70	W	50	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/05	F	CB888	I172	JA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/05	F	CB587	I173	JA	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	C1255	I234	15	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	C1250	I235	15	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	CB134	I236	15	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	CB134	I237	15	70	W	56	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	C1204	I238	15	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	C1204	I239	15	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	C1278	I240	15	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	C1278	I241	15	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	C1262	I242	15	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	C1204	I243	15	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	C1045	I244	15	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/11	F	C1045	I245	15	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	F	CB134	I272	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	F	CB134	I273	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
07/07	F	C1204	I274	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	F	C1204	I275	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	F	C1278	I276	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	F	C1278	I277	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	F	C1262	I278	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	F	C1262	I279	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	F	C1045	I280	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	F	C1045	I281	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	F	C1038	I282	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	F	C1034	I283	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	F	CB587	I284	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/07	F	CB888	I285	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/05	F	C1278	I165	JA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
09/17	F	CB888	I348	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
09/17	F	CB587	I349	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
-															
10/09	F	CB888	I390	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
10/26	F	CB587	I391	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
10/26	F	CB587	I392	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
11/17	F	CB587	I443	03	70	A	02	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
12/21	F	CB587	I477	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
12/21	F	CB888	I478	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1982  
 -LISTING BY F. J. WOJCIK FEBRUARY, 1986  
 FOR DATA SET (AFISH82.YCDA\*)

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
03/04	F	C1073	I 94	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/04	F	CB888	I 95	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/04	F	CB926	I 96	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/04	F	CB685	I 97	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/04	F	CB477	I 98	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/04	F	CB597	I 99	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/04	F	CB737	I100	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/04	F	CB730	I101	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/04	F	CB485	I102	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/04	F	CB765	I103	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/12	F	CB972	I135	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/12	F	CB895	I136	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/12	F	CB867	I137	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/12	F	C1253	I138	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/12	F	C1093	I139	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/12	F	C1067	I140	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
04/19	F	CB889	I226	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
04/19	F	CB188	I227	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/03	F	CB895	I208	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/03	F	CB981	I209	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/03	F	C1004	I210	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/03	F	CB523	I211	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/03	F	CB886	I212	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/03	F	C1002	I213	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/03	F	C1040	I214	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/03	F	C1029	I215	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/03	F	C1087	I216	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/03	F	C1000	I217	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/04	F	CB492	I218	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/04	F	CB597	I219	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/04	F	CB845	I220	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/04	F	CB764	I221	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/04	F	CB549	I222	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/12	F	CB188	I255	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/12	F	CB889	I256	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"

MO/DA	F	SAMPL	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
06/09	F	CB188	I295	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/09	F	CB889	I296	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	F	CB188	I335	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	F	CB889	I336	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
09/16	F	CB587	I447	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
09/16	F	CB888	I448	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
09/16	F	C1087	I449	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
11/17	F	CB888	I554	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
12/21	F	CB587	I477	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"
12/21	F	CB888	I478	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"

APPENDIX A

VESSEL CODES USED IN THE VIMS TRAWL SURVEY

Alpha Code	Numeric Code	Vessel Name	OVER-ALL LENGTH	Hull	Type of Vessel
BR	07	W.K.Brooks	30'	Wood	Launch
EM	16	Edith Mae	16'	Wood	Launch
IN		Investigator	28'	Wood	Launch
IV		Irma Virginia	65'	Wood	Trawler
JA	14	Judith Ann	UNK	FGlass	Launch
JS	03	Capt. John Smith	42'	FGlass	Launch
	17	Langley II	44'	FGlass	Launch
LA	02	Langley	80'	Steel	Ferry Boat
OB		Observer	27'	Wood	Launch
PA	01	Pathfinder	55'	Wood	Trawler
RE	05	Restless	36'	Wood	Launch
SJ	15	Sally Jean	UNK	Wood	Launch
TD	13	Three Daughters	UNK	Wood	Launch
VL	06	Virginia Lee	35'	Wood	Launch
	18	New Capt. John Smith	42'	FGlass	Launch *

\* Code 18 refers to Capt. John Smith (03) with a new larger engine, and increased power.

APPENDIX B DESCRIPTION OF 30' SEMI-BALLOON TRAWL  
SHOWING CHANGES WITH TIME

1955-1960 (Gear Code 82).

31' headrope, 37' footrope.  
Body and wings mesh 1" stretched, #9 thread cotton.  
Bag mesh 3/4" stretched, #9 or #12 thread cotton.  
Net hung on 7/16" Italian hemp net rope, legs at 8' with wire rope  
thimbels, 3/16", spliced at each end.  
Chain on footrope, 2/0 galvanized.  
Headrope with three 5" x 9" plastic floats, set 3' apart.  
Net tarred  
Door probably with dimensions and rigging as described for 1962-1963  
doors.  
Body and bag meshes were described by W.H. Massmann (1962).  
Bridle length unrecorded, but probably 30'

1961 (Gear Code 10).

Specifications are the same as above, except for the following which  
were described by the net maker S. J. Marinovich in 1963:  
Bag mesh 1-1/2", #15 thread cotton.  
Net legs at 6'.  
Headrope with 6-1/2" floats.  
Net copper treated.

1962-1963 (gear Code 10).

Specifications are the same as for 1961, except for the following:  
Bag mesh 1" or 1-1/2", #18 thread cotton.  
Footrope wire rope, with chain hung loop style, 16 links to 12  
inches.  
Headrope with ARK sponge floats.  
Nets treated with green copper naphthenate.  
Doors 48" x 22" made of 1-inch pine. 1-1/4" x 1/4" straps and  
braces, 3/8" x 2-1/2" bottom shoe runner, 3/16" galvanized  
chain bridle, 3/8" swivel.

1964-1972 (Gear Code 10).

Specifications are the same as for 1962-1963, except for the  
following:  
Nylon and cotton thread nets were in use in midsummer, and the poor  
condition suggests that nylon thread was introduced at least  
in 1964.

Bag mesh 1-1/4" mesh.

1973 (Gear Code 43).

Specifications are the same as for 1964-1972, except for the following:  
Tickler chain added.

1973-1980 (Gear Code 33).

Specifications are the same as for 1964-1972, except for the following:  
Liner with a 1/2" stretch mesh added.  
Net hung on 7/16" polyethylene dacron (poly Dac) rope.  
Headrope with six 3" x 2-1/2" ARK floats, 3' apart, centered 6' from the ends.  
Without tickler chain.

1979 (Gear Code 68).

Specifications are the same as for 1973-1980, except for the following:  
Doors 54 x 24" made of 1-inch pine, otherwise the same as the doors used in 1962-1963.  
Tickler chain added to footrope.

1980-1984 (Gear Code 70)

Specifications are the same as for 1979-1980, except bridle chain length was increased to 60'.  
With tickler chain.

1984 (Gear Code 80)

Specifications same as above, except without tickler chain.  
Used only when tickler chain broke.

1984 (Gear Code 81)

Same Gear 70 above, but with 90' bridle; used just once.

Disclaimer

The above gear documentation includes the best information available however, information at best is very meagre. Variations, especially as to the introduction and use of nylon instead of cotton was inadequately documented. Gear types 33 and 43 were used during the transition period from cotton to nylon.

APPENDIX C DESCRIPTION OF 16' SEMI-BALLOON TRAWL  
SHOWING CHANGES WITH TIME

1971-1980 (Gear Code 35).

16' headrope, 20' footrope.

Body mesh 1-1/2" stretched, #9 thread cotton.

Bag mesh 1-1/4" stretched, #15 thread nylon with innerliner of 1/2" #208 nylon fine yarn netting.

Net hung on 3/8" poly-dac net, legs extend from net 3' with wire rope thimbels spliced at each end and shackles attached to fasten to doors.

1/8" galvanized chain on footrope, loop style.

ARK floats on headrope.

Net treated with green naphthenate net preservative.

Doors 24" in length and 12" in width, made of 1-inch mahogany lumber, straps and braces of 1 X 1/4" mild steel, bottom shoe runner of 3/8" x 2" mild steel, doors bridled with 2/0 galvanized, with one 5/16" steel swivel at head of each bridle.

Disclaimer

The above gear documentation includes the best information available however, information at best is very meagre. Variations, especially as to the introduction and use of nylon instead of cotton was inadequately documented. Gear types 33 and 43 were used during the transition period from cotton to nylon; however.

APPENDIX D -CHESAPEAKE BAY RANDOM STATIONS WITH LATITUDES AND LONGITUDES  
GREEN STRATUM (12' - 19')

STATION NO.	COLOR + QUAD.	LAT. N	LONG. W	STATION	COLOR + QUAD.	LAT. N	LONG. W
1	GNE	3747	7600	41	GSW	3702	7616
2	GSW	3707	7615	42	GSW	3704	7613
3	GNW	3730	7616	43	GNW	3728	7613
4	GSW	3701	7614	44	GNE	3744	7556
5	GNW	3725	7612	45	GNE	3751	7603
6	GNE	3749	7602	46	GSE	3712	7602
7	GSW	3717	7615	47	GNE	3739	7554
8	GNE	3742	7554	48	GNE	3747	7551
9	GSE	3711	7601	49	GSE	3706	7602
10	GNE	3727	7559	50	GSW	3711	7619
11	GSW	3704	7614	51	GNW	3744	7615
12	GNE	3737	7556	52	GSW	3721	7612
13	GSE	3705	7602	53	GNE	3735	7556
14	GSW	3708	7616	54	GNW	3723	7611
15	GNE	3741	7555	55	GSE	3714	7602
16	GNE	3747	7555	56	GNE	3733	7557
17	GSW	3759	7614	57	GNE	3729	7558
18	GSW	3703	7616	58	GNE	3744	7550
19	GNW	3742	7617	59	GSW	3704	7615
20	GNE	3738	7556	60	GNW	3743	7615
21	GNE	3753	7604	61	GNW	3731	7617
22	GNE	3743	7551	62	GNE	3746	7556
23	GNW	3743	7614	63	GNE	3747	7556
24	GSW	3659	7617	64	GNE	3746	7601
25	GNW	3745	7615	65	GNE	3745	7549
26	GSW	3711	7618	66	GNE	3749	7603
27	GNW	3746	7615	67	GSW	3714	7617
28	GNE	3741	7554	68	GSW	3716	7619
29	GNW	3738	7616	69	GSW	3701	7613
30	GNE	3726	7559	70	GNW	3731	7616
31	GNW	3725	7613	71	GNW	3728	7614
32	GSW	3659	7615	72	GSW	3703	7615
33	GNW	3744	7614	73	GSE	3712	7601
34	GSE	3704	7601	74	GNE	3749	7550
35	GSW	3711	7620	75	GSW	3715	7618
36	GNE	3751	7602	76	GSW	3705	7615
37	GNW	3726	7613	77	GNW	3750	7614
38	GNW	3735	7613	78	GNE	3740	7555
39	GSE	3719	7601	79	GNE	3745	7556
40	GNE	3728	7558	80	GNE	3750	7550

STATION NO.	COLOR + QUAD.	LAT. N	LONG. W	STATION	COLOR + QUAD.	LAT. N	LONG. W
81	GNE	3744	7557	121	GNW	3737	7615
82	GNW	3743	7617	122	GSE	3707	7559
83	GSW	3701	7612	123	GNE	3752	7555
84	GNE	3747	7552	124	GSW	3759	7616
85	GNE	3725	7600	125	GNW	3747	7615
86	GNE	3745	7550	126	GNW	3724	7613
87	GSW	3712	7615	127	GNW	3735	7614
88	GSW	3701	7615	128	GNW	3724	7612
89	GNW	3735	7612	129	GSW	3731	7616
90	GNE	3739	7550	130	GSE	3714	7603
91	GSW	3703	7614	131	GNE	3732	7558
92	GNE	3746	7602	132	GNW	3727	7613
93	GNE	3731	7558	133	GNE	3747	7602
94	GSW	3701	7617	134 (CBCP5)**	GNE	3746	7552
95	GNE	3736	7556	135	GSW	3658	7617
96	GNW	3723	7612	136	GNW	3740	7617
97	GSE	3713	7601	137	GSW	3702	7614
98	GNE	3734	7557	138	GNE	3748	7549
99	GNE	3738	7554	139	GSW	3702	7615
100	GNE	3750	7602	140	GNE	3753	7555
101	GSE	3722	7600	141	GSE	3717	7602
102	GSW	3706	7615	142	GSE	3713	7602
103	GNW	3729	7615	143	GNE	3743	7552
104	GSW	3711	7621	144	GSW	3709	7616
105	GSE	3705	7601	145	GNW	3736	7614
106	GNE	3752	7602	146	GNE	3746	7550
107	GNE	3746	7600	147	GSE	3708	7600
108	GNE	3748	7602	148	GNE	3747	7550
109	GNW	3742	7615	149	GSW	3717	7616
110	GNE	3752	7603	150	GSE	3706	7601
111	GNE	3753	7603	151	GSW	3701	7611
112	GSE	3705	7600	152	GNW	3745	7617
113	GNE	3738	7555	153	GNW	3730	7615
114	GNE	3751	7550	154	GSW	3713	7616
115	GNE	3735	7557	155	NOT	USED	
116	GNE	3748	7556	156	GNW	3748	7616
117	GSW	3703	7613	157	GSW	3710	7617
118	GNW	3748	7615	158	GSW	3702	7613
119	GNE	3752	7550	159	GSW	3714	7618
120	GNE	3747	7601	160	GSE	3714	7601

\*\* Station designation had been changed from number in ( ).

STATION NO.	COLOR + QUAD.	LAT. N	LONG. W	STATION	COLOR + QUAD.	LAT. N	LONG. W
161	GNW	3749	7614	168	GNW	3724	7611
162	GNE	3746	7555	169	GSE	3702	7602
163	GNW	3744	7617	170	GSE	3704	7600
164	GNW	3751	7614	171	GSE	3701	7601
165	GSW	3717	7620	172	GSE	3702	7603
166	GNE	3748	7555	173	GSE	3701	7607
167	GSW	3658	7616				

CHESAPEAKE BAY RANDOM STATIONS WITH LATITUDES AND LONGITUDES  
 BLUE STRATUM (20' - 29')

STATION NO.	COLOR + QUAD.	LAT. N	LONG. W	STATION	COLOR + QUAD.	LAT. N	LONG. W
174	BSW	3713	7615	214	BSW	3706	7612
175	BNE	3744	7555	215	BNE	3745	7557
176	BSW	3636	7604	216	BSW	3703	7612
177	BSW	3700	7610	217	BNW	3723	7610
178	BNW	3725	7610	218	BNW	3732	7615
179	BNW	3729	7613	219	BNE	3743	7558
180	BNE	3751	7555	220	BNW	3734	7617
181	BNE	3744	7603	221	BSW	3717	7613
182	BSW	3710	7609	222	BNW	3737	7613
183	BNE	3752	7555	223	BSW	3720	7614
184	BSW	3722	7613	224	BSW	3722	7611
185	BSW	3703	7607	225	BSE	3708	7607
186	BNW	3731	7612	226	BNE	3734	7600
187	BSE	3716	7603	227	BNW	3745	7613
188 (CLCO3)**	BSW	3658	7609	228	BSW	3658	7603
189	BNE	3747	7556	229	BNW	3733	7615
190	BNW	3733	7614	230	BNE	3738	7558
191	BNE	3751	7604	231	BNW	3734	7615
192	BNE	3747	7606	232	BNE	3736	7601
193	BNW	3747	7607	233	BSE	3708	7559
194	BSW	3657	7613	234	BNE	3735	7558
195	BSW	3714	7616	235	BSW	3709	7615
196	BSE	3702	7559	236	BSE	3709	7605
197	BSW	3656	7606	237	BNW	3734	7614
198	BSW	3657	7611	238	BNE	3728	7600
199	BSW	3709	7614	239	BSW	3722	7612
200	BSW	3657	7607	240	BNE	3737	7558
201	BNE	3750	7603	241	BSE	3704	7558
202	BSW	3658	7603	242	BSE	3703	7603
203	BNE	3745	7558	243	BNE	3736	7559
204	BNW	3727	7612	244	BSW	3708	7614
205	BSW	3700	7609	245	BSE	3707	7606
206	BSW	3658	7610	246	BNW	3747	7615
207	BSW	3656	7605	247	BSW	3656	7610
208	BNW	3730	7614	248	BSW	3721	7611
209	BSW	3700	7611	249	BNE	3737	7557
210	BNE	3742	7555	250	BSW	3717	7618
211	BNE	3735	7557	251	BNW	3734	7612
212	BSW	3719	7613	252	BNE	3745	7552
213	BNE	3736	7558	253	BSW	3656	7612

STATION NO.	COLOR + QUAD.	LAT. N	LONG. W	STATION	COLOR + QUAD.	LAT. N	LONG. W
254	BNE	3744	7606	294	BSW	3713	7620
255	BNW	3745	7608	295	BSW	3719	7614
256	BNW	3729	7612	296	BSE	3706	7605
257	BNE	3736	7600	297	BSE	3705	7604
258	BNW	3730	7612	298	BSW	3659	7606
259	BSE	3722	7600	299	BSW	3655	7606
260	BNE	3727	7559	300	BSW	3657	7612
261	BNW	3747	7609	301	BSW	3708	7615
262	BNE	3741	7606	302	BNE	3746	7604
263	BSE	3707	7603	303	BSE	3721	7600
264	BSW	3655	7605	304	BNW	3751	7613
265	BNE	3746	7602	305	BNE	3745	7551
266	BNW	3745	7609	306	BSE	3701	7559
267	BNW	3726	7611	307	BSW	3700	7605
268	BSE	3702	7600	308	BSW	3659	7608
269	BNW	3747	7614	309	BNW	3731	7613
270	BSW	3706	7611	310	BSW	3715	7615
271	BSW	3700	7608	311	BNW	3743	7607
272	BNE	3744	7553	312	BSE	3707	7602
273	BNE	3756	7557	313	BSW	3702	7611
274	BSW	3704	7612	314	BSW	3658	7601
275	BNW	3725	7611	315	BNE	3746	7550
276	BNE	3744	7552	316	BNW	3739	7614
277	BNW	3728	7612	317	BNW	3739	7617
278	BSW	3711	7614	318	BSW	3658	7611
279	BSW	3702	7610	319	BNW	3736	7613
280	BSW	3656	7611	320	BSW	3703	7610
281	BNW	3748	7614	321	BSW	3658	7614
282	BNE	3750	7555	322	BSE	3703	7602
283	BSW	3713	7614	323	BSW	3714	7613
284	BSW	3659	7607	324	BSW	3659	7605
285	BNW	3752	7611	325	BNE	3741	7557
286	BSW	3657	7606	326	BSW	3658	7613
287	BNE	3724	7600	327	BSE	3709	7606
288	BSE	3709	7607	328	BNW	3746	7607
289	BNE	3744	7551	329	BSW	3716	7613
290	BSE	3704	7604	330	BNE	3751	7549
291	BSW	3657	7614	331	BSE	3718	7602
292	BSW	3716	7618	332	BSE	3702	7601
293	BSW	3717	7614	333	BNE	3733	7558

STATION NO.	COLOR + QUAD.	LAT. N	LONG. W	STATION	COLOR + QUAD.	LAT. N	LONG. W
334	BSW	3700	7604	374	BNE	3751	7603
335	BSE	3717	7603	375	BSE	3707	7604
336	BSE	3708	7605	376	BNE	3748	7556
337	BSW	3712	7614	377	BNE	3750	7604
338	BSE	3709	7602	378	BSW	3655	7603
339	BNE	3740	7556	379	BNE	3740	7558
340	BNE	3752	7604	380	BSW	3701	7608
341	BSE	3707	7601	381	BNW	3730	7615
342	BSW	3705	7611	382	BNW	3726	7612
343	BNW	3737	7614	383	BNE	3743	7603
344	BNW	3739	7616	384	BSW	3700	7607
345	BSW	3718	7614	385	BNE	3743	7554
346	BNW	3751	7612	386	BNE	3746	7556
347	BSE	3703	7601	387	BNE	3749	7555
348	BNE	3728	7601	388	BNE	3742	7606
349	BNE	3744	7559	389	BSW	3703	7611
350	BNE	3746	7603	390	BSW	3702	7612
351	BNW	3731	7617	391	BSW	3702	7607
352	BSW	3715	7616	392	BNW	3746	7614
353	BSW	3659	7604	393	BNE	3746	7606
354	BNE	3745	7605	394	BSW	3715	7617
355	BNE	3739	7556	395	BNE	3739	7557
356	BNE	3744	7558	396	BNW	3744	7608
357	BSE	3708	7601	397	BNE	3735	7601
358	BNW	3734	7616	398	BSW	3705	7610
359	BNW	3732	7614	399	BSW	3655	7604
360	BSE	3701	7600	400	BSE	3709	7603
361	BSE	3708	7608	401	BSE	3700	7559
362	BNW	3738	7615	402	BSW	3658	7612
363	BNE	3741	7605	403	BNE	3735	7600
364	BSW	3711	7613	404	BNW	3742	7607
365	BSW	3703	7609	405	BSW	3718	7614
366	BNW	3745	7607	406	BSW	3659	7613
367	BSE	3707	7600	407	BSE	3709	7600
368	BSW	3705	7614	408	BSW	3719	7612
369	BNE	3744	7604	409	BSW	3720	7613
370	BNW	3749	7613	410	BSE	3710	7605
371	BNE	3728	7559	411	BNE	3751	7605
372	BSW	3705	7613	412	BNE	3749	7603
373	BNW	3734	7613	413	BSW	3704	7611

STATION NO.	COLOR + QUAD.	LAT. N	LONG. W	STATION	COLOR + QUAD.	LAT. N	LONG. W
414	BNE	3745	7553	454	BSW	3717	7617
415	BNE	3745	7604	455	BSE	3709	7559
416	BSE	3706	7559	456	BNW	3732	7617
417	BNE	3746	7557	457	BSW	3720	7611
418	BNW	3744	7607	458	BNE	3730	7559
419	BSE	3709	7608	459	BNE	3745	7601
420	BNW	3741	7616	460	BNW	3746	7609
421	BNW	3731	7614	461	BNW	3752	7613
422	BNE	3743	7559	462	BSE	3710	7607
423	BSE	3720	7601	463	BNE	3739	7558
424	BSE	3715	7603	464	BSW	3707	7614
425	BSE	3707	7605	465	BSE	3706	7603
426	BNE	3743	7553	466	BSW	3710	7616
427	BNW	3740	7616	467	BNE	3752	7549
428	BSE	3703	7606	468	BNE	3737	7600
429	BNE	3750	7549	469	BSW	3721	7613
430	BNE	3745	7554	470	BNW	3727	7611
431	BSE	3710	7602	471	BNE	3745	7606
432	BNW	3731	7615	472	BNE	3735	7559
433	BSW	3700	7606	473	BNE	3726	7601
434	BNW	3742	7616	474	BSW	3717	7619
435	BSE	3710	7604	475	BNE	3743	7606
436	BNE	3734	7558	476	BNE	3725	7600
437	BNW	3752	7612	477	BSW	3704	7609
438	BNE	3740	7557	478	BSW	3714	7614
439	BNE	3726	7600	479	BNW	3732	7613
440	BSE	3703	7600	480	BSW	3712	7619
441	BNW	3750	7613	481	BNW	3747	7608
442	BNE	3745	7602	482	BSW	3736	7612
443	BSW	3716	7615	483	BNW	3736	7612
444	BNW	3733	7612	484	BSW	3701	7606
445	BSW	3716	7617	485	BSE	3708	7603
446	BNE	3742	7559	486	BSW	3703	7608
447	BNW	3746	7608	487	BSW	3712	7620
448	BSE	3708	7602	488	BNE	3732	7559
449	BNW	3744	7614	489	BNW	3733	7613
450	BNE	3726	7600	490	BNE	3729	7559
451	BNE	3745	7603	491	BNE	3737	7559
452	BSE	3709	7601	492	BSE	3708	7604
453	BNE	3745	7559	493	BNW	3745	7614

STATION NO.	COLOR + QUAD.	LAT. N	LONG. W	STATION	COLOR + QUAD.	LAT. N	LONG. W
494	BSW	3718	7613	514	BSW	3701	7607
495	BSW	3707	7613	515	BSW	3704	7608
496	BSW	3706	7614	516	BSW	3711	7617
497	BNW	3744	7613	517	BSE	3710	7608
498	BNE	3741	7556	518	BNW	3724	7610
499	BNW	3743	7616	519	BSW	3706	7613
500	BNW	3732	7612	520	BSE	3700	7600
501	BNE	3744	7605	521	BSW	3712	7621
502	BSE	3706	7600	522	BNW	3732	7616
503	BSW	3704	7610	523	BNE	3727	7601
504	BNW	3730	7613	524	BSW	3720	7612
505	BSW	3658	7615	525	BSW	3715	7613
506	BSE	3705	7605	526	BSE	3703	7559
507	BSW	3716	7616	527	BSW	3657	7610
508	BSE	3721	7601	528	BSE	3709	7604
509	BSW	3713	7613	529	BSW	3721	7614
510	BSE	3710	7606	530	BSE	3712	7608
511	BSW	3705	7612	531	BSW	3714	7615
512	BSW	3659	7603	532	BSE	3710	7603
513	BSW	3702	7608				

CHESAPEAKE BAY RANDOM STATIONS WITH LATITUDES AND LONGITUDES  
 WHITE STRATUM (30' - 49')

STATION NO.	COLOR + QUAD.	LAT. N	LONG. W	STATION	COLOR + QUAD.	LAT. N	LONG. W
533	WSW	3715	7614	573	WNW	3750	7611
534	WNW	3753	7607	574	WSE	3715	7608
535	WNW	3729	7611	575	WNE	3724	7603
536	WSE	3708	7609	576	WSE	3720	7603
537	WNE	3743	7600	577	WNW	3725	7608
538	WSE	3704	7603	578	WNW	3728	7611
539	WSE	3722	7622	579	WSW	3711	7616
540	WNE	3735	7604	580	WNW	3733	7608
541	WNW	3743	7613	581	WNW	3741	7608
542	WSE	3718	7609	582	WSE	3720	7608
543	WSW	3714	7612	583	WNE	3736	7605
544	WNE	3733	7606	584	WNE	3753	7606
545	WNW	3750	7612	585	WSW	3722	7610
546	WSW	3712	7613	586	WNW	3750	7607
547	WNW	3749	7608	587 (CBCO3)**	WSW	3658	7605
548	WSE	3705	7606	588	WSE	3703	7604
549	WSW	3714	7620	589	WNW	3737	7609
550	WSE	3710	7609	590	WSW	3657	7603
551	WNW	3736	7609	591	WSW	3715	7610
552	WSE	3713	7604	592	WSE	3659	7600
553	WNW	3733	7609	593	WSE	3714	7606
554	WNE	3748	7605	594	WSE	3713	7605
555	WNW	3740	7607	595	WNW	3744	7613
556	WNW	3737	7607	596	WNE	3730	7559
557	WNW	3732	7607	597	WSE	3707	7609
558	WSE	3797	7608	598	WNE	3728	7605
559	WSE	3700	7601	599	WNE	3743	7601
560	WSE	3701	7602	600	WNW	3734	7608
561	WNE	3723	7606	601	WSE	3715	7639
562	WNW	3743	7609	602	WNW	3739	7613
563	WNE	3750	7605	603	WSW	3709	7613
564	WNW	3724	7609	604	WNE	3731	7601
565	WSW	3712	7611	605	WNE	3738	7559
566	WSE	3713	7606	606	WNW	3728	7609
567	WSE	3711	7605	607	WSW	3658	7606
568	WNW	3734	7609	608	WSE	3719	7609
569	WSE	3720	7607	609	WSW	3710	7612
570	WNE	3735	7603	610	WNW	3742	7613
571	WNW	3731	7611	611	WNE	3737	7601
572	WNW	3734	7607	612	WSE	3704	7606

\*\* Station designation had been changed from number in ( ).

STATION NO.	COLOR + QUAD.	LAT. N	LONG. W	STATION	COLOR + QUAD.	LAT. N	LONG. W
613	WSW	3708	7612	653	WNE	3729	7600
614	WNE	3723	7603	654	WNE	3723	7602
615	WNW	3743	7614	655	WNE	3733	7603
616	WSE	3712	7606	656	WNW	3737	7608
617	WNW	3478	7612	657	WNW	3730	7611
618	WSW	3717	7610	658	WSW	3719	7610
619	WNE	3742	7603	659	WNE	3727	7605
620	WSW	3712	7616	660	WNW	3739	7607
621	WSE	3717	7607	661	WSE	3719	7602
622	WSW	3659	7612	662	WSW	3708	7610
623	WNE	3741	7602	663	WNE	3730	7600
624	WNE	3734	7559	664	WNW	3726	7609
625	WNW	3742	7608	665	WNW	3740	7612
626	WSW	3717	7612	666	WSE	3720	7602
627	WNE	3728	7606	667	WSE	3721	7608
628	WSE	3705	7607	668	WNW	3735	7607
629	WSE	3706	7606	669	WNW	3726	7608
630	WSE	3706	7604	670	WNE	3733	7600
631	WNE	3730	7606	671	WSW	3708	7613
632	WNW	3730	7608	672	WNE	3730	7603
633	WSE	3711	7606	673	WSE	3703	7558
634	WSW	3713	7618	674	WNE	3740	7558
635	WSW	3706	7609	675	WSW	3658	7600
636	WNW	3735	7609	676	WSE	3722	7606
637	WNW	3748	7608	677	WNW	3731	7610
638	WNW	3739	7615	678	WNW	3723	7609
639	WSE	3715	7606	679	WNW	3751	7607
640	WNE	3738	7603	680	WSW	3718	7611
641	WNE	3733	7604	681	WSE	3704	7605
642	WNE	3732	7601	682	WSE	3701	7603
643	WSE	3720	7609	683	WSW	3716	7610
644	WSW	3709	7611	684	WNW	3729	7609
645	WNE	3735	7602	685	WSW	3658	7607
646	WSW	3713	7611	686	WNW	3735	7617
647	WNE	3734	7606	687	WNW	3747	7613
648	WNE	3752	7606	688	WNW	3738	7612
649	WNE	3727	7606	689	WNW	3740	7611
650	WSE	3716	7609	690	WSE	3716	7608
651	WNW	3736	7611	691	WNE	3740	7602
652	WSE	3722	7602	692	WNE	3742	7602

STATION NO.	COLOR + QUAD.	LAT. N	LONG. W	STATION	COLOR + QUAD.	LAT. N	LONG. W
693	WSE	3706	7608	733	WNE	3741	7601
694	WSW	3710	7613	734	WSW	3710	7611
695	WNE	3731	7604	735	WNE	3726	7601
696	WNE	3746	7605	736	WSW	3716	7611
697	WNE	3725	7606	737	WSW	3716	7610
698	WNE	3742	7556	738	WNE	3743	7602
699	WSE	3714	7605	739	WNW	3733	7611
700	WNE	3733	7559	740	WNE	3733	7605
701	WNW	3736	7610	741	WNE	3725	7606
702	WSE	3711	7609	742	WNW	3743	7608
703	WNW	3739	7614	743	WNW	3723	7607
704	WNE	3729	7601	744	WNW	3941	7615
705	WNW	3732	7610	745	WSE	3721	7607
706	WNE	3738	7610	746	WSW	3714	7621
707	WNW	3739	7612	747	WNE	3734	7606
708	WSE	3719	7604	748	WNE	3740	7604
709	WSE	3713	7609	749	WNE	3741	7604
710	WNW	3740	7615	750	WNW	3738	7608
711	WSE	3703	7605	751	WNW	3747	7609
712	WSE	3719	7608	752	WNW	3740	7608
713	WNW	3728	7607	753	WSE	3709	7609
714	WSE	3717	7609	754	WSE	3719	7607
715	WNE	3732	7600	755	WSW	3710	7610
716	WNE	3729	7604	756	WNE	3741	7601
717	WNW	3730	7607	757	WSW	3721	7610
718	WNW	3735	7611	758	WNE	3735	7606
719	WNW	3741	7613	759	WNW	3727	7609
720	WSE	3706	7607	760	WSE	3718	7603
721	WSW	3715	7611	761	WSW	3713	7612
722	WSW	3656	7602	762	WNE	3724	7601
723	WNW	3742	7614	763	WSW	3722	7609
724	WSW	3714	7610	764	WSW	3711	7612
725	WNW	3738	7614	765	WSW	3713	7619
726	WNE	3730	7604	766	WNE	3738	7600
727	WNW	3737	7610	767	WNW	3734	7610
728	WSE	3721	7606	768	WNE	3724	7605
729	WNW	3729	7607	769	WNW	3738	7610
730	WSW	3708	7611	770	WNE	3749	7606
731	WSW	3731	7617	771	WSE	3716	7604
732	WSE	3712	7607	772	WSE	3707	7607

STATION NO.	COLOR + QUAD.	LAT. N	LONG. W	STATION	COLOR + QUAD.	LAT. N	LONG. W
773	WNE	3729	7606	813	WNE	3723	7605
774	WNW	3735	7616	814	WNW	3733	7610
775	WNW	3751	7611	815	WNE	3739	7559
776	WSW	3709	7610	816	WSW	3709	7612
777	WNE	3739	7603	817	WNW	3747	7612
778	WNE	3742	7600	818	WNE	3738	7604
779	WNE	3729	7605	819	WSE	3704	7559
780	WNW	3740	7613	820	WNW	3727	7607
781	WSE	3716	7607	821	WSE	3721	7603
782	WSE	3714	7608	822	WNW	3749	7607
783	WNW	3732	7609	823	WSW	3711	7610
784	WSE	3711	7607	824	WSW	3700	7612
785	WNE	3739	7604	825	WNW	3745	7609
786	WSW	3713	7610	826	WSE	3705	7603
787	WNE	3749	7604	827	WNE	3725	7601
788	WNW	3727	7610	828	WNE	3741	7603
789	WNW	3735	7614	829	WNE	3744	7601
790	WNE	3732	7606	830	WSW	3702	7605
791	WSW	3710	7614	831	WNW	3735	7615
792	WSE	3704	7602	832	WSW	3712	7618
793	WNE	3752	7605	833	WNE	3740	7603
794	WSW	3659	7609	834	WNW	3737	7612
795	WNW	3729	7608	835	WNW	3746	7613
796	WNE	3744	7600	836	WSW	3656	7603
797	WNW	3731	7607	837	WSW	3659	7602
798	WSW	3657	7602	838	WNW	3741	7609
799	WNE	3737	7604	839	WSE	3721	7602
800	WNE	3753	7605	840	WNE	3730	7605
801	WSE	3704	7600	841	WNE	3750	7606
802	WSE	3714	7609	842	WNE	3744	7602
803	WNE	3737	7603	843	WSW	3657	7605
804	WNE	3739	7606	844	WNE	3740	7559
805	WSE	3722	7604	845	WSW	3710	7615
806	WNE	3742	7601	846	WNW	3737	7611
807	WSE	3719	7603	847	WNE	3735	7605
808	WNW	3736	7607	848	WSW	3712	7610
809	WNW	3745	7613	849	WSW	3720	7610
810	WNE	3740	7601	850	WNW	3741	7612
811	WSE	3712	7604	851	WSW	3711	7615
812	WNE	3738	7605	852	WSW	3707	7612

STATION NO.	COLOR + QUAD.	LAT. N	LONG. W	STATION	COLOR + QUAD.	LAT. N	LONG. W
853	WSE	3722	7607	893	WNW	3732	7608
854	WSE	3713	7608	894	WNW	3726	7610
855	WSE	3702	7603	895	WNE	3734	7603
856	WNE	3736	7606	896	WNE	3730	7601
857	WSE	3659	7559	897	WSW	3705	7608
858	WNW	3726	7607	898	WNW	3739	7611
859	WNW	3728	7608	899	WSE	3718	7607
860	WSE	3715	7607	900	WNW	3729	7610
861	WNE	3748	7606	901	WNW	3742	7609
862	WNW	3728	7610	902	WSW	3659	7610
863	WNE	3731	7600	903	WNE	3734	7601
864	WNW	3727	7608	904	WNW	3730	7610
865	WSW	3712	7617	905	WSW	3658	7604
866	WNE	3736	7604	906	WSE	3711	7603
867	WNW	3739	7608	907	WNW	3752	7607
868	WSW	3700	7613	908	WNE	3749	7605
869	WSE	3718	7604	909	WNW	3734	7611
870	WSW	3714	7619	910	WNW	3731	7609
871	WSW	3705	7609	911	WSW	3716	7614
872	WNE	3741	7606	912	WNE	3723	7601
873	WNE	3747	7605	913	WSW	3704	7607
874	WNW	3724	7607	914	WNW	3736	7608
875	WNE	3732	7605	915	WNE	3736	7603
876	WSE	3722	7603	916	WNW	3725	7609
877	WSW	3719	7611	917	WSW	3721	7609
878	WSW	3658	7602	918	WNE	3731	7606
879	WNE	3733	7601	919	WNW	3748	7613
880	WNW	3738	7613	920	WNW	3725	7608
881	WNE	3734	7604	921	WNW	3738	7611
882	WNW	3741	7607	922	WSE	3700	7602
883	WNE	3739	7605	923	WSW	3701	7604
884	WSE	3720	7606	924	WSW	3658	7601
885	WNW	3732	7611	925	WNE	3739	7600
886	WNE	3724	7602	926	WSW	3658	7608
887	WNW	3735	7608	927	WNE	3740	7606
888 (CBCO2)**WSW		3659	7611	928	WSW	3657	7601
889 (CLCO2)**WSW		3657	7604	929	WNW	3724	7608
890	WNW	3733	7607	930	WNW	3736	7612
891	WNW	3735	7610	931	WNE	3736	7602
892	WNE	3731	7603	932	WNE	3726	7602

\*\* Station designation had been changed from number in ( ).

STATION NO.	COLOR + QUAD.	LAT. N	LONG. W	STATION	COLOR + QUAD.	LAT. N	LONG. W
933	WNW	3730	7609	956	WSE	3705	7559
934	WSW	3701	7605	957	WNE	3741	7558
935	WSE	3717	7604	958	WSE	3712	7604
936	WSW	3711	7611	959	WSE	3719	7608
937	WNW	3744	7609	960	WSW	3722	7608
938	WNE	3732	7603	961	WSW	3717	7611
939	WNW	3738	7607	962	WNE	3732	7604
940	WNE	3740	7605	963	WNE	3731	7559
941	WNE	3725	7603	964	WNE	3751	7606
942	WSW	3715	7612	965	WNE	3742	7557
943	WNE	3726	7606	966	WSW	3714	7611
944	WNE	3741	7600	967	WSE	3659	7601
945	WNW	3749	7612	968	WSE	3712	7609
946	WSW	3718	7610	969	WSE	3707	7608
947	WNW	3731	7608	970	WSW	3702	7602
948	WNE	3737	7606	971	WNW	3740	7614
949	WSW	3657	7606	972	WNE	3731	7605
950	WNW	3723	7608	973	WSW	3703	7606
951	WSE	3711	7604	974	WSW	3700	7603
952	WNW	3748	7607	975	WNE	3738	7606
953	WNE	3737	7605	976	WSW	3712	7612
954	WSW	3716	7612	977	WNW	3737	7613
955	WNW	3741	7614	978	NOT USED		

CHESAPEAKE BAY RANDOM STATIONS WITH LATITUDES AND LONGITUDES  
RED STRATUM (50' OR OVER)

STATION NO.	COLOR + QUAD.	LAT. N	LONG. W	STATION	COLOR + QUAD.	LAT. N	LONG. W
979	RNE	3725	7605	1019	RNW	3746	7612
980	RNE	3747	7550	1020	RSE	3720	7605
981	RNE	3734	7602	1021	RNE	3727	7602
982	RNE	3753	7556	1022	RNE	3738	7602
983	RSW	3700	7616	1023	RNW	3748	7611
984	RNE	3728	7604	1024	RNW	3741	7611
985	RSW	3637	7600	1025	RNE	3752	7556
986	RNW	3753	7610	1026	RNE	3728	7602
987	RSE	3713	7603	1027	RNE	3740	7559
988	RSW	3656	7600	1028	RNE	3751	7556
989	RNE	3749	7556	1029	RSE	3718	7605
990	RNE	3748	7557	1030	RNE	3745	7551
991	RSE	3702	7604	1031	RNE	3750	7557
992	RNW	3739	7609	1032	RNE	3725	7604
993	RSE	3718	7606	1033	RNE	3747	7557
994	RNE	3727	7604	1034 (CBCC2)**	RSE	3711	7601
995	RNE	3742	7558	1035	RNE	3748	7550
996	RNE	3749	7549	1036	RSE	3714	7603
997	RSE	3711	7602	1037	RNW	3746	7611
998	RSE	3721	7604	1038 (CBCC1)**	RSE	3719	7605
999	RNW	3753	7609	1039	RNW	3752	7608
1000	RSE	3710	7601	1040	RSE	3722	7604
1001	RNE	3746	7551	1041	RNE	3753	7557
1002	RNE	3723	7604	1042	RNW	3745	7611
1003	RNW	3740	7609	1043	RNE	3743	7556
1004	RNE	3731	7602	1044	RNW	3748	7609
1005	RNW	3751	7608	1045 (CBCP4)**	RNE	3745	7552
1006	RNE	3729	7602	1046	RNW	3739	7610
1007	RNE	3743	7555	1047	RNE	3730	7602
1008	RNE	3750	7549	1048	RNE	3739	7602
1009	RNW	3749	7609	1049	RNE	3727	7603
1010	RNE	3726	7605	1050	RNE	3740	7600
1011	RNE	3752	7557	1051	RNW	3753	7608
1012	RNW	3745	7612	1052	RNE	3726	7604
1013	RSE	3717	7606	1053	RNW	3750	7609
1014	RNW	3747	7610	1054	RNE	3749	7557
1015	RNE	3729	7603	1055	RNE	3733	7602
1016	RNW	3744	7612	1056	RNW	3741	7610
1017	RNW	3749	7611	1057	RSE	3717	7605
1018	RNW	3743	7612	1058	RNE	3737	7602

\*\* Station designation had been changed from number in ( ).

STATION NO.	COLOR + QUAD.	LAT. N	LONG. W	STATION	COLOR + QUAD.	LAT. N	LONG. W
1059	RNE	3743	7558	1082	RNW	3747	7611
1060	RNE	3750	7556	1083	RSE	3710	7600
1061	RNE	3739	7601	1084	RNE	3741	7559
1062	RNE	3747	7551	1085	RNW	3748	7610
1063	RNE	3745	7559	1086	RNE	3743	7657
1064	RSE	3716	7605	1087	RNW	3750	7610
1065	RSE	3712	7602	1088	RSW	3700	7614
1066	RSE	3712	7605	1089	RNW	3752	7610
1067	RNW	3753	7609	1090	RNW	3738	7609
1068	RSW	3700	7617	1091	RNE	3747	7558
1069	RSE	3720	7604	1092	RNW	3742	7612
1070	RNW	3750	7608	1093	RNW	3746	7610
1071	RNE	3745	7600	1094	RNE	3726	7603
1072	RSW	3656	7602	1095	RNE	3732	7602
1073	RSW	3700	7615	1096	RSE	3714	7604
1074	RNE	3728	7603	1097	RNW	3745	7610
1075	RNE	3724	7604	1098	RSE	3719	7606
1076	RNE	3746	7559	1099	RNE	3746	7558
1077	RSE	3715	7604	1100	RNE	3744	7554
1078	RNW	3751	7610	1101	RNW	3749	7610
1079	RNE	3744	7553	***			
1080	RSE	3712	7603				
1081	RSE	3716	7606				

\*\*\* Station numbers 1102 to 1149 were not used!

CHESAPEAKE BAY RANDOM STATIONS WITH LATITUDES AND LONGITUDES  
 SHOAL (BROWN) STATIONS (3' - 11')

STATION NO.	COLOR + QUAD.	LAT. N	LONG. W	STATION	COLOR + QUAD.	LAT. N	LONG. W
1150	SSE	3710	7559	1190	SNE	3730	7558
1151	SSE	3711	7600	1191	SNE	3730	7557
1152	SSE	3715	7602	1192	SNE	3731	7557
1153	SSE	3716	7602	1193	SNE	3732	7557
1154	SSE	3716	7601	1194	SNE	3733	7557
1155	SSE	3720	7600	1195	SNE	3734	7556
1156	SSW	3704	7616	1196	SNE	3736	7555
1157	SSW	3705	7616	1197	SNE	3737	7555
1158	SSW	3706	7616	1198	SNE	3739	7553
1159	SSW	3706	7617	1199	SNE	3740	7554
1160	SSW	3707	7616	1200	SNE	3741	7553
1161	SSW	3708	7617	1201	SNE	3742	7553
1162	SSW	3709	7619	1202	SNE	3746	7549
1163	SSW	3709	7617	1203	SNE	3748	7548
1164	SSW	3710	7618	1204 (CBCP3)**	SNE	3749	7548
1165	SSW	3710	7619	1205	SNE	3751	7548
1166	SSW	3710	7620	1206	SNE	3752	7548
1167	SSW	3710	7621	1207	SNE	3753	7549
1168	SSW	3713	7621	1208	SNE	3752	7550
1169	SSW	3715	7621	1209	SNE	3753	7551
1170	SSW	3715	7620	1210	SNE	3752	7551
1171	SSW	3715	7619	1211	SNE	3751	7551
1172	SSW	3717	7621	1212	SNE	3750	7551
1173	SSW	3717	7622	1213	SNE	3749	7551
1174	SSW	3718	7619	1214	SNE	3748	7551
1175	SSW	3718	7618	1215	SNE	3753	7552
1176	SSW	3718	7617	1216	SNE	3746	7553
1177	SSW	3718	7615	1217	SNE	3749	7553
1178	SSW	3719	7619	1218	SNE	3750	7553
1179	SSW	3719	7618	1219	SNE	3751	7553
1180	SSW	3719	7615	1220	SNE	3752	7553
1181	SNW	3723	7613	1221	SNE	3753	7553
1182	SNW	3723	7614	1222	SNE	3747	7553
1183	SNW	3724	7614	1223	SNE	3753	7554
1184	SNW	3726	7614	1224	SNE	3752	7554
1185	SNW	3727	7614	1225	SNE	3751	7554
1186	SNE	3723	7559	1226	SNE	3750	7554
1187	SNE	3724	7559	1227	SNE	3749	7554
1188	SNE	3725	7559	1228	SNE	3748	7554
1189	SNE	3727	7558	1229	SNE	3747	7554

\*\* Station designation had been changed from number in ( ).

STATION NO.	COLOR + QUAD.	LAT. N	LONG. W	STATION	COLOR + QUAD.	LAT. N	LONG. W
1230	SNE	3746	7554	1255*(CBCS1)**	WNW	3742	7611
1231	SNE	3745	7555	1256	SNE	3753	7548
1232	SNE	3751	7557	1257	SNE	3754	7549
1233	SNE	3753	7558	1258	SNE	3754	7546
1234	SNE	3752	7558	1259	SNE	3753	7546
1235	SNE	3750	7558	1260	SNE	3752	7546
1236	SNE	3748	7558	1261	SNE	3751	7546
1237	SNE	3752	7559	1262*(CBCP2)**	WNE	3749	7548
1238	SNE	3747	7559	1263	SNE	3748	7546
1239	SNE	3749	7600	1264	SNE	3755	7546
1240	SNE	3748	7600	1265	SNE	3754	7546
1241	SNE	3750	7601	1266	SNE	3753	7546
1242	SNE	3749	7601	1267	SNE	3752	7546
1243	SNE	3753	7602	1268	SNE	3751	7546
1244	SNW	3733	7616	1269	SNE	3750	7546
1245	SNW	3733	7617	1270	SNE	3749	7546
1246	SNW	3736	7616	1271*	GNE	3750	7547
1247	SNW	3737	7616	1272*	WNE	3750	7549
1248	SNW	3736	7615	1273	SNW	3744	7611
1249	SNW	3738	7617	1274	SNW	3744	7616
1250*(CBCS2)**	RNW	3744	7612	1275	SNW	3745	7616
1251*	WNW	3744	7611	1276	SNW	3746	7616
1252*	WNW	3743	7612	1277	SNW	3747	7616
1253*	WNW	3743	7611	1278*(1255)***	BNE	3753	7549
1254*	WNW	3742	7612	1278*(CBCP1)**	BNE	3753	7549

\* Not shoal station.

\*\* Station designation had been changed from number in ( ).

\*\*\* Duplicate number in ( ) was changed.

SPECIAL BAY STATIONS MADE WITH R/V RESTLESS

STATION NO.	COLOR + QUAD.	LAT. N	LONG. W	STATION	COLOR + QUAD.	LAT. N	LONG. W
5001	SSW	3710	7618	5020	SSW	3710	7619
5001*				5021	SSW	3706	7615
5003	SSW	3710	7622	5022	SSW	3705	7615
5004	SSW	3709	7619	5023	SSW	3706	7615
5005*				5024*			
5006*				5025*			
5007	SSW	3711	7622	5026*			
5008	SSW	3711	7618	5027	SSW	3708	7617
5009	SSW	3703	7616	5028	SSW	3710	7623
5010	SSW	3710	7620	5029*			
5011	SSW	3711	7619	5030	SSW	3709	7623
5012	SSW	3709	7618	5031	SSW	3712	7622
5013*				5032	SSW	3704	7616
5014*				5033	SSW	3705	7616
5015	SSW	3711	7620	5034*			
5016*				5035	SSW	3704	7615
5017	SSW	3706	7617	5036*			
5018	SSW	3709	7617	5037	SSW	3707	7617
5019	SSW	3707	7616	5038	SSW	3707	7616

\* Numbers were not used.

Appendix E -Fixed Chesapeake Bay Stations With Their  
Latitudes and Longitudes

Chesapeake Bay      Located Between Latitudes and Longitudes  
Station

CB00                  Between  $3701.0^{\circ}$   $7603.0^{\circ}$  and  $3704.0^{\circ}$   $7605.0^{\circ}$

CB10                  Between  $3708.0^{\circ}$   $7611.0^{\circ}$  and  $3710.0^{\circ}$   $7615.0^{\circ}$

CB15                                   $3713.0^{\circ}$   $7618.0^{\circ}$

CB20                                   $3716.2^{\circ}$   $7605.9^{\circ}$

CB30                                   $3725.5^{\circ}$   $7605.1^{\circ}$