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A Documentation of Virginia Trawl Surverys, 1955-1984, Listing Pertinent Variables: Date, Station Location, Gear, Vessel, Tow Direction, and Type of Survey Volume III: James River- Including Burwell Bay and Three Oxbows

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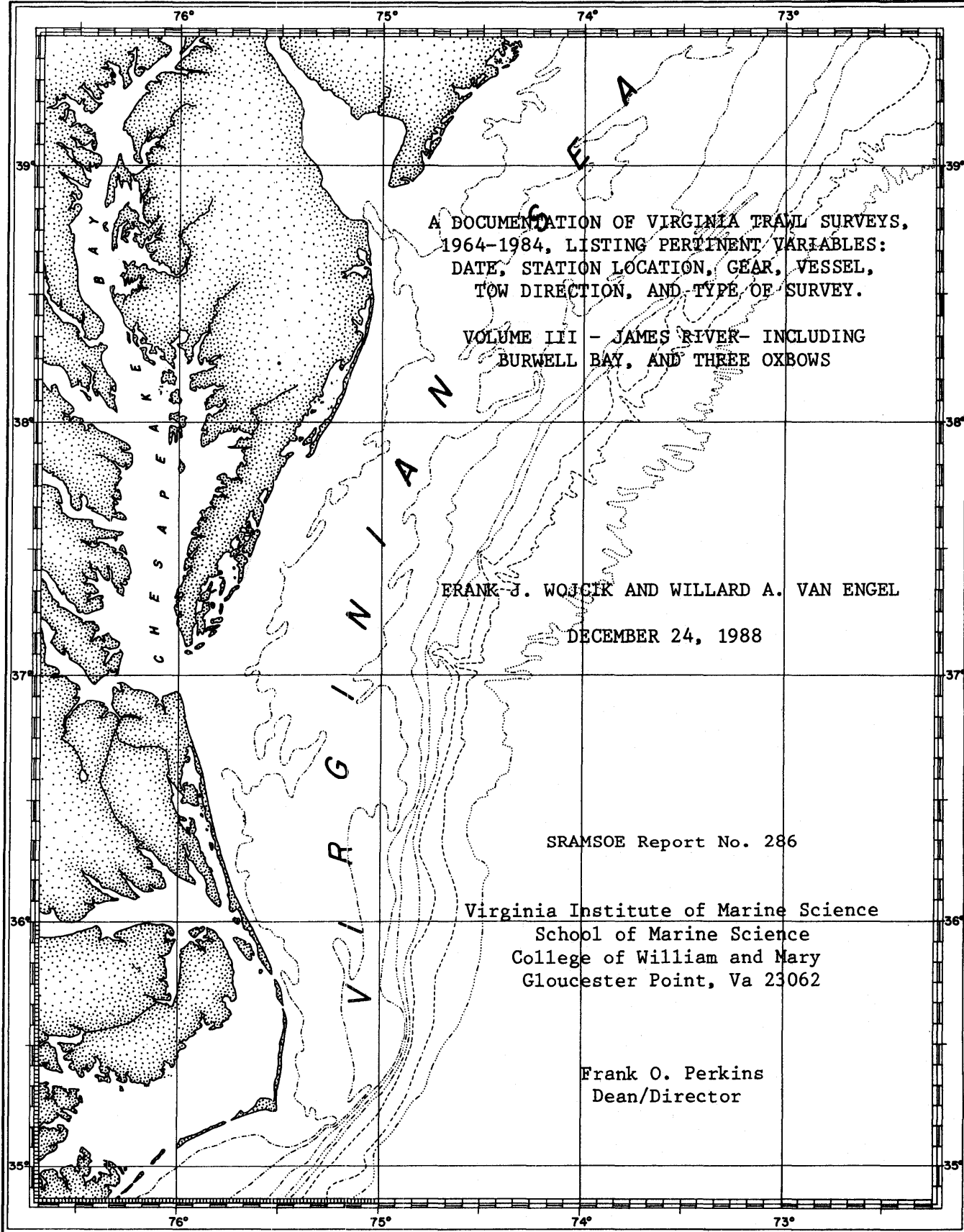


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A DOCUMENTATION OF VIRGINIA TRAIL SURVEYS,
1964-1984, LISTING PERTINENT VARIABLES:
DATE, STATION LOCATION, GEAR, VESSEL,
TOW DIRECTION, AND TYPE OF SURVEY.

VOLUME III - JAMES RIVER- INCLUDING
BURWELL BAY, AND THREE OXBOWS

FRANK J. WOJCIK AND WILLARD A. VAN ENGEL

DECEMBER 24, 1988

SRAMSOE Report No. 286

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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DOCUMENTATION OF VIRGINIA TRAWL SURVEYS, 1964-1984, LISTING PERTINENT
VARIABLES: DATE, STATION LOCATION, GEAR, VESSEL, TOW DIRECTION,
AND TYPE OF SURVEY

VOLUME III -JAMES RIVER -INCLUDING BURWELL BAY
AND THREE OXBOWS

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. Purpose of the surveys is to monitor stocks of young-of-the year fishes in those waters. In addition to monitoring, the surveys provide information on life history, growth, movements and dynamics of the Bay fish populations. Data collected in these surveys are stored on magnetic tape, using the in Prime 9955 computer. Abundance data are stored in fortran (F77) files called "Afish"//Yrs. Collectively, these files contain about 60,000 records of catch made in the York, James, Rappahannock, and Potomac Rivers, as well as Chesapeake Bay for the years 1955 to 1984. 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 trawl, but later a smaller 16' semi-balloon was added, especially for use in confined or shallow areas. The 30' semi-balloon trawl used in 1955 was manufactured by the Marinovich Trawl Co. Steve Marinovich, owner of that concern has provided us with copies of the original net drawings including specifications. He was also able to provide us with a good deal of information on changes made in the trawls over the years. These varying specifications are presented in Figures 2 to 8. From these drawings it is obvious that changes were made in the body and wings of the trawls, along with changes in the cod-end: from unlined to lined. Cotton thread used originally in the construction of the early trawls, was replaced by nylon. In addition to changes in trawl dimension, the trawls also underwent rigging changes. Dimensions of the trawl boards changed, as have the bridle lengths. Recently, a tickler chain was even added. Lastly net makers have changed, but 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 F and G. 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 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, are given in Table 1. Vessel codes in Appendix A, gear codes and their corresponding gear descriptions are presented in Appendices B and C and station locations in Appendices D to K.

The amount of survey data was so voluminous that it was decided that documentation would best be presented separately for each area. The volume set up follows. Volume I has the data for Chesapeake Bay, Volume II has the York River, Volume III has the James River, Volume IV has the Rappahannock River and Volume V the Potomac River.

James River System (Volume III)

Volume III describes the surveys on the James River including - Burwell Bay, and the three oxbows -Turkey Island, Jones Neck, and Hatcher Island. The latter were only sampled occasionally. Some sampling had been done in the the James tributaries; those data are not presented here. Sampling began in the James River in 1964, much later than in the York (1955), and so fewer data are available. An increase in intensity and diversity of surveys began in 1974, and the discovery of "Kepone" in the James about 1975, resulted in a need for more sampling.

Listing of the variables follows the same format used in the Chesapeake Bay report, Volume I. Originally the James River surveys were planned to consist of stations made at approximately 5-mile intervals from the mouth (JA00), upriver to the mouth of the Chickahominy River (JA40), with a few samples taken from the upper James almost as far upriver as Richmond (JA80). Because numerous underwater snags were encountered, most stations had to be relocated, and could not be maintained exactly at distances five miles apart. Since approximately the same stations were occupied each month from 1964 through 1973, they were reported in 5-mile groups, clustering plus (+) and minus (-) 2.5 miles around a midpoint, along with ranges of latitude and longitude locations of stations (Appendix D).

An increase in intensity and diversity of surveys beginning in 1974 imposed a demand for more complicated naming of sample sites. Although we continued the same format used in the Chesapeake Bay report, we underestimated the need for separate tables of latitudes and longitudes for each new type of survey. The resulting eight tables, Appendices D-K, proved burdensome to prepare and will be awkward to use. The inclusion of latitude and longitude in the data format for each station listing could have been accomplished with little additional effort, since the information was readily available in the computer files, and the reference Appendices could have been eliminated.

JAMES RIVER SAMPLE SITES

FIXED STATIONS

For the years 1964-1973, 1979-1984, FIXED STATIONS (F), coded as JA00-JA71, are reported in clusters centered by 5-mile intervals and located by latitude and longitude in Appendix D. The two to three digits denote miles upstream from the James River mouth.

For 1974-1975, FIXED STATIONS (F) that are coded JA00-JA80 or JA001-JA080, reported by 1-mile intervals are located by latitude and longitude in Appendix E. A tow time of 25 indicates a quarter mile distance towed, rather than the actual time. The two to three digits denote miles upstream from the James River mouth.

For the years 1974-1975, FIXED STATIONS (F) that are coded as JJN01-JJN03, JTI00-JTI03(4), at approximately 1-mile intervals are located by latitude and longitude in Appendix F. A tow time of 25 indicates a quarter mile distance towed, rather than the actual time.

For 1984, FIXED STATION (F) JAJC1 is at the mouth of the Chickahominy River, and is almost the same as JA40.

RANDOM STATIONS

For the years 1974-1975, RANDOM STATIONS (R) coded CBJA02-CBJA37, are located by latitude and longitude in Appendix G. A tow time of 25 indicates a quarter mile distance towed, rather than the actual tow time. The two to three digits denote miles upstream from the James River mouth.

For the years 1975-1976, RANDOM STATIONS (R) that are coded as JA000xn-JA082xn were 1/4 mile stations in each 1-mile block. The numerical value of (x), the fourth digit, describes the location of the 1/4 mile section. When letter x is blank = first 1/4 mile, 1 = between 1/4 and 1/2 mile, 2 = between 1/2 and 3/4 mile, 3 = between 3/4 and the next whole mile. A tow time of 25 indicates a quarter mile distance towed, rather than the actual time. Locations are shown to the nearest mile in Appendix H. In some cases an additional character n=S indicated the station was a shoal station

For the Years 1975-1978, RANDOM STATIONS that are coded JBB01-JBB06, JJN003, JJN011, JJN031, JTI000-JTI002, are located by latitude and longitude in Appendix I. A tow time of 25 indicated a quarter of a mile rather than the actual time.

For the year 1976, RANDOM STATIONS (R) that are coded JAxxxA-JAxxxW, where x is a number, are located by latitude and longitude in Appendix J. Numeric portions of these codes are not river miles. The letter corresponds to a block designation.

For 1977-1983, locations of RANDOM STATIONS (R) with the following codes are shown in Appendix K. A tow time of 25 indicates a quarter of a mile rather than the actual time.

JA540-JA1130, JA1246-JA1252 were shoal stations between 3' and 11' and were designated as brown (S) sites.

JA001-JA189 were at depths between 12' and 19' and designated as green (G) sites.

JA192-JA398, JA1131-JA1243, were at depths between 20' and 29' and were designated as blue (B) sites.

JA399-JA509, JA1193-JA1220, JA1243-JA1245 were at depths between 30' and 49' and were designated as white (W) sites.

JA510-JA539, JA1221-JA1228 were at depths of 50' and over, and were designated as red (R) sites

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 The James River.

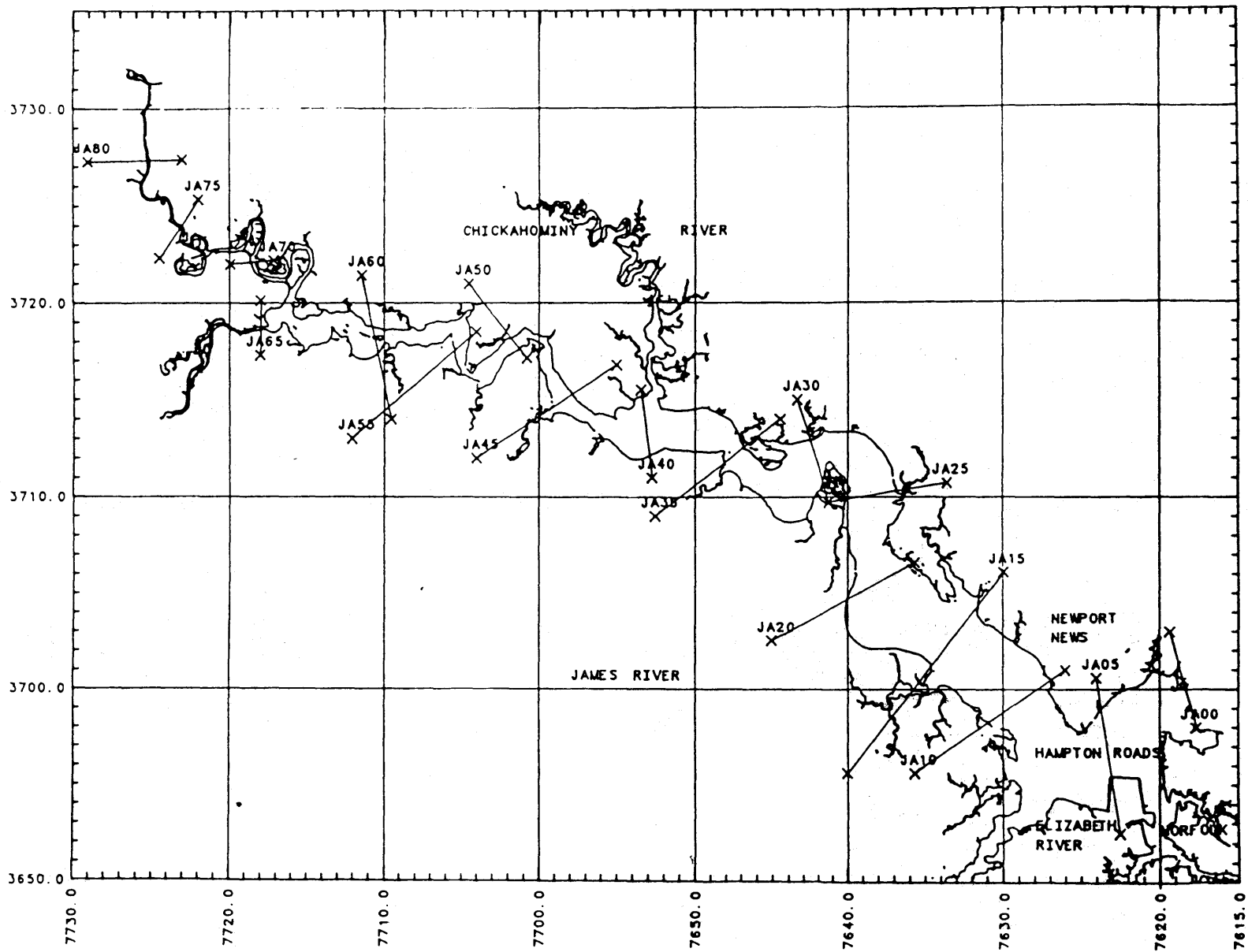
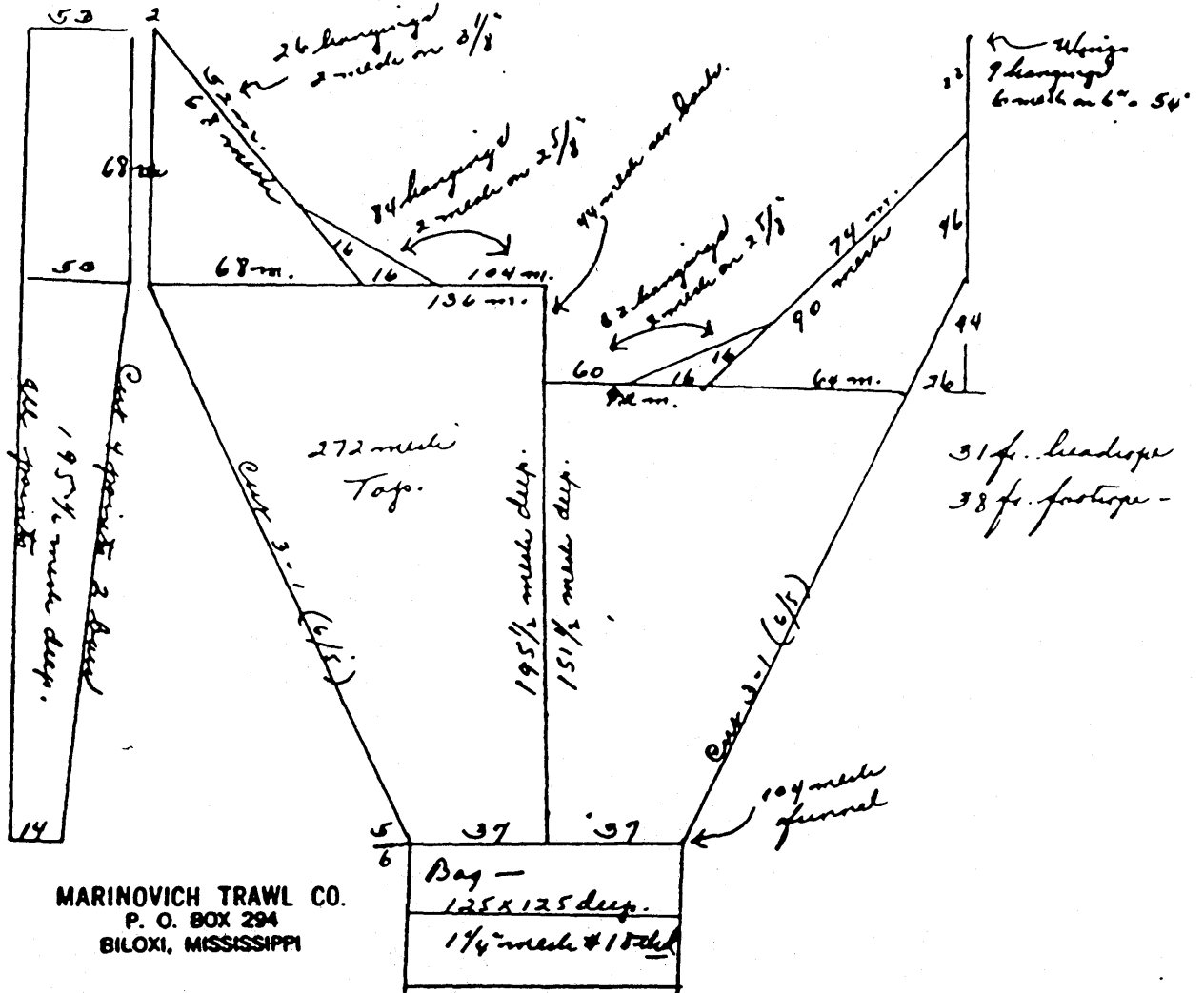


FIGURE 2 Diagram of the Original VIMS 30' Trawl.

30ft. SEMI-BALLON TRAWL , 1 1/2 INCH STRETCH MESH

VIRGINIA INSTITUTE OF MARINE SCIENCE



MARINOVICH TRAWL CO.
P. O. BOX 294
BILOXI, MISSISSIPPI

30ft. SEMI-BALLON TRAWL:

31ft. headrope , 37ft. footrope , net made of cotton netting of the following size mesh and thread; 1 1/2 inch mesh # 9 thread body . 1 1/2 inch mesh # 18 thread bag , net hung on 7/16 inch diameter hemp 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 & 2 1/2 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 , 1 1/2 X 1/2 straps and braces, 3/8 X 2 1/2 bottom shoe runner, 3/16 inch galvanized chainbridle, 3/8 inch swivel , doors set and ready to use.

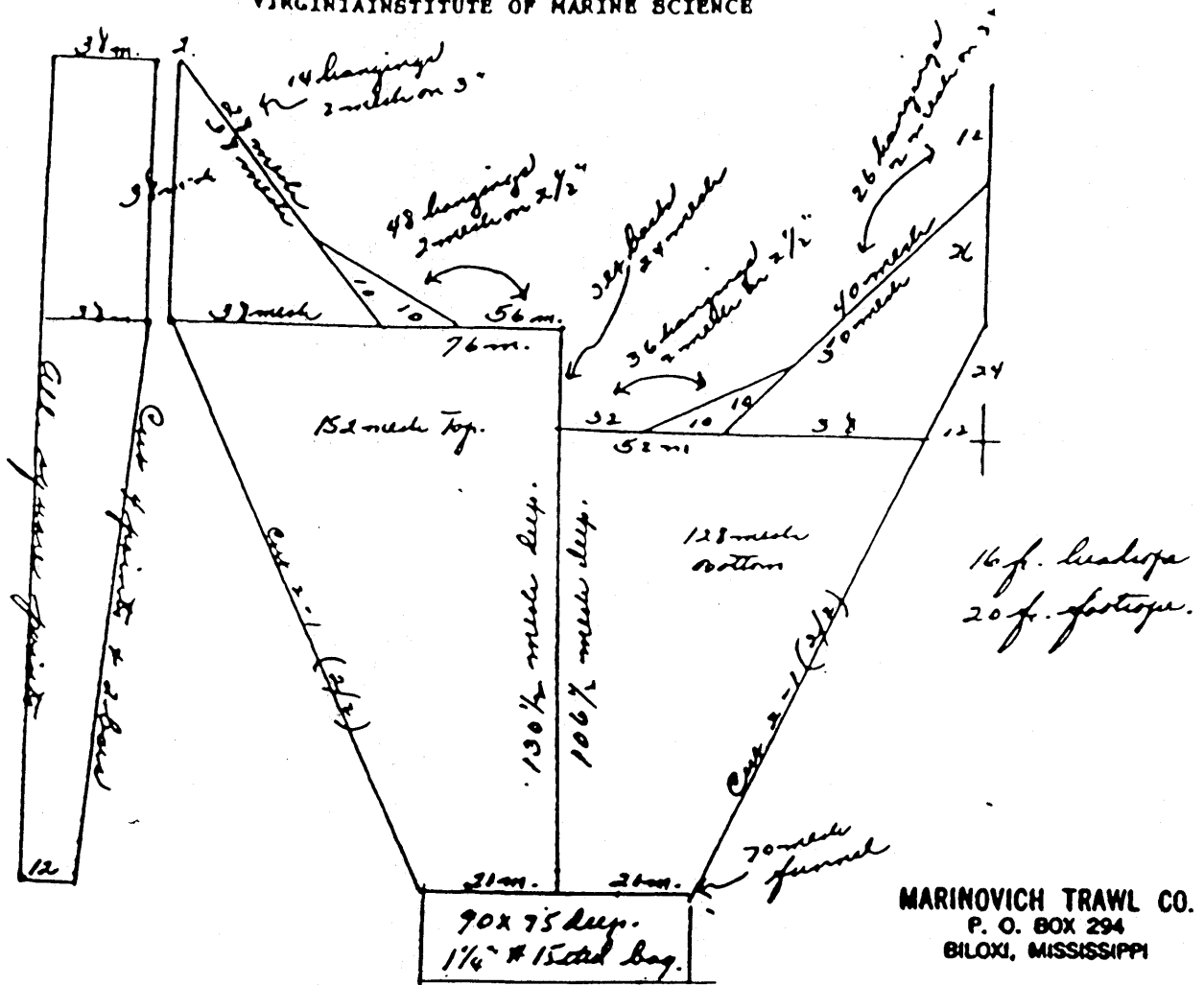
MARINOVICH TRAWL COMPANY

By *Steve J. Marinovich*
Steve J. Marinovich

4/20/63.

FIGURE 3 Diagram of the Original VIMS 16' Trawl.
 16ft. SEMI-BALLON TRAWL: $1\frac{1}{4}$ inch stretch mesh

VIRGINIA INSTITUTE OF MARINE SCIENCE



MARINOVICH TRAWL CO.
 P. O. BOX 294
 BILOXI, MISSISSIPPI

16ft; SEMI-BALLON TRAWL:

16ft. headrope, 30ft. footrope, net made of nylon netting of the following size mesh and thread; $1\frac{1}{4}$ inch mesh # 9 thread body, $1\frac{1}{4}$ 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 I X $\frac{1}{2}$ inch mild steel, bottom shoe runner of $\frac{3}{8}$ X 2 inch mild steel, doors bridled with 2/0 galvanized chain with one 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 -1964
 -LISTING BY F.J. WOJCIK DECEMBER, 1984
 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
01/08	F	JA13	F	2	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/08	F	JA19	F	4	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/08	F	JA24	F	5	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/08	F	JA30	F	6	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/08	F	JA35	F	7	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/09	F	JA13	F	91	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/09	F	JA15	F	92	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/09	F	JA20	F	93	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/09	F	JA22	F	94	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/09	F	JA29	F	95	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/09	F	JA34	F	96	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/09	F	JA39	F	97	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/22	F	JA13	F103	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
06/22	F	JA02	F104	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
07/14	F	JA39	F124	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
07/14	F	JA34	F125	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
07/14	F	JA29	F126	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
07/14	F	JA24	F127	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
07/14	F	JA20	F128	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
07/14	F	JA20	F129	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
07/14	F	JA15	F130	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
08/18	F	JA27	F154	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
08/18	F	JA24	F155	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
08/18	F	JA19	F156	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
08/18	F	JA13	F157	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
08/19	F	JA02	F158	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
09/09	F	JA39	F168	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
09/09	F	JA24	F169	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
09/09	F	JA22	F170	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
09/09	F	JA20	F171	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
09/09	F	JA15	F172	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

10/13	F	JA36	F183	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
10/13	F	JA24	F184	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
10/13	F	JA22	F185	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
10/13	F	JA20	F186	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
10/13	F	JA15	F187	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"

12/15	F	JA24	F238	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
12/15	F	JA22	F239	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
12/15	F	JA20	F240	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
12/15	F	JA15	F241	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 DECEMBER, 1984
 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
01/12	F	JA24	J	1	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/12	F	JA22	J	2	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/12	F	JA20	J	3	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/12	F	JA17	J	4	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/13	F	JA02	J	5	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/16	F	JA02	J	44	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/17	F	JA20	J	46	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/17	F	JA24	J	47	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/17	F	JA32	J	48	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/17	F	JA36	J	49	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/16	F	JA36	J	50	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/16	F	JA32	J	51	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/16	F	JA24	J	52	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/16	F	JA19	J	53	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/16	F	JA13	J	54	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/14	F	JA32	J	75	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/14	F	JA24	J	76	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/14	F	JA22	J	77	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/14	F	JA19	J	78	PA	10	W 12	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/14	F	JA13	J	79	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/15	F	JA02	J	80	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/13	F	JA36	J	97	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/13	F	JA32	J	98	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/13	F	JA24	J	99	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/13	F	JA19	J	100	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/13	F	JA13	J	101	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/14	F	JA02	J	102	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
06/08	F	JA36	J115	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/08	F	JA32	J116	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/08	F	JA24	J117	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/08	F	JA19	J118	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/08	F	JA13	J119	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/08	F	JA36	J144	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/08	F	JA32	J145	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/08	F	JA26	J146	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/08	F	JA24	J147	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/08	F	JA19	J148	PA	10	W	10	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/09	F	JA13	J165	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/09	F	JA19	J166	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/10	F	JA24	J167	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/10	F	JA26	J168	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/10	F	JA33	J169	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/10	F	JA36	J170	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/10	F	JA47	J171	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/10	F	JA57	J172	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/10	F	JA63	J173	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/10	F	JA68	J174	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/11	F	JA71	J177	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/12	F	JA02	J178	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/15	F	JA36	J196	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/15	F	JA32	J197	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/15	F	JA26	J198	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/15	F	JA24	J199	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/15	F	JA19	J200	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/15	F	JA13	J201	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/19	F	JA13	J224	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/19	F	JA19	J225	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/19	F	JA24	J226	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
10/19	F	JA26	J227	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/19	F	JA32	J228	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/19	F	JA36	J229	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/16	F	JA13	J249	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/16	F	JA19	J250	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/16	F	JA24	J251	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/16	F	JA26	J252	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/16	F	JA32	J253	LA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/16	F	JA36	J254	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
01/18	F	JA13	F	1	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/18	F	JA19	F	2	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/18	F	JA24	F	3	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/18	F	JA26	F	4	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/18	F	JA32	F	5	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/18	F	JA36	F	6	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/18	F	JA42	F	7	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/22	F	JA13	F	47	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/22	F	JA19	F	48	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/22	F	JA24	F	49	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/22	F	JA26	F	50	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/22	F	JA32	F	51	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/22	F	JA36	F	52	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/22	F	JA42	F	53	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/22	F	JA13	F	89	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/22	F	JA19	F	90	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/22	F	JA24	F	91	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/22	F	JA26	F	92	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/22	F	JA32	F	93	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/22	F	JA36	F	94	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/19	F	JA13	F129	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
04/19	F	JA19	F130	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
04/19	F	JA24	F131	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
04/19	F	JA26	F132	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
04/19	F	JA32	F133	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
04/19	F	JA36	F134	LA	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	
05/24	F	JA13	F190	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
05/24	F	JA19	F191	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
05/24	F	JA24	F192	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
05/24	F	JA26	F193	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
05/24	F	JA32	F194	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
05/24	F	JA36	F195	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
05/24	F	JA42	F196	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
06/21	F	JA13	F239	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
06/21	F	JA19	F240	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
06/21	F	JA24	F241	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
06/21	F	JA26	F242	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
06/21	F	JA32	F243	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
06/21	F	JA36	F244	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
07/27	F	JA19	F282	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
07/27	F	JA24	F283	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
07/27	F	JA26	F284	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
07/27	F	JA32	F285	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
07/07	F	JA36	F286	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
08/24	F	JA13	F322	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
08/24	F	JA19	F323	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
08/24	F	JA24	F324	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
08/24	F	JA26	F325	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
08/24	F	JA32	F326	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
08/24	F	JA36	F327	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
10/25	F	JA13	F396	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
10/25	F	JA19	F397	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
10/25	F	JA24	F398	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
10/25	F	JA26	F399	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
10/25	F	JA32	F400	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
10/25	F	JA36	F401	LA	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

11/29	F	JA13	F433	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
11/29	F	JA19	F434	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
11/29	F	JA24	F435	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
11/29	F	JA26	F436	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
11/29	F	JA32	F437	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
11/29	F	JA36	F438	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"

12/13	F	JA32	F450	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
12/13	F	JA36	F451	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
12/13	F	JA26	F452	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
12/13	F	JA24	F453	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
12/13	F	JA19	F454	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
12/13	F	JA13	F455	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
01/23	F	JA36	F 20	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/23	F	JA13	F 21	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/23	F	JA19	F 22	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/23	F	JA24	F 23	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/23	F	JA26	F 24	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/23	F	JA32	F 25	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/23	F	JA36	F 26	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/15	F	JA36	F 35	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/15	F	JA32	F 36	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/15	F	JA26	F 37	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/15	F	JA24	F 38	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/15	F	JA13	F 40	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/13	F	JA13	F 54	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/14	F	JA36	F 55	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/14	F	JA32	F 56	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/14	F	JA26	F 57	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/14	F	JA24	F 58	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/14	F	JA19	F 59	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/20	F	JA36	F 98	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/20	F	JA32	F 99	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/20	F	JA26	F100	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/17	F	JA36	F122	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/17	F	JA32	F123	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/17	F	JA26	F124	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/17	F	JA24	F125	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/17	F	JA19	F126	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/17	F	JA13	F127	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
06/20	F	JA13	F137	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/20	F	JA19	F138	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/20	F	JA24	F139	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/20	F	JA26	F140	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/20	F	JA32	F141	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/20	F	JA36	F142	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/18	F	JA13	F156	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/18	F	JA19	F157	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/18	F	JA24	F158	PA	10	W	14	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/18	F	JA26	F159	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/18	F	JA32	F160	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/18	F	JA36	F161	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/22	F	JA36	F187	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/22	F	JA32	F188	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/22	F	JA24	F189	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/22	F	JA19	F190	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/22	F	JA13	F191	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/14	F	JA13	F211	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/14	F	JA19	F212	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/14	F	JA26	F213	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/14	F	JA32	F214	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/14	F	JA36	F215	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/17	F	JA13	F226	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/17	F	JA19	F227	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/17	F	JA26	F228	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/17	F	JA32	F229	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/17	F	JA36	F230	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/14	F	JA13	F256	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/14	F	JA19	F257	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	
11/14	F	JA26	F258	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
11/14	F	JA32	F259	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
11/14	F	JA36	F260	PA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
12/11	F	JA13	F269	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
12/11	F	JA19	F270	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
12/11	F	JA26	F271	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
12/11	F	JA32	F272	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
12/11	F	JA36	F273	PA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1968
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 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
01/18	F	JA13	F 12	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/18	F	JA19	F 13	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/18	F	JA26	F 14	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/24	F	JA36	F 23	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/27	F	JA32	F 24	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/27	F	JA26	F 25	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/27	F	JA19	F 26	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/27	F	JA13	F 27	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/21	F	JA36	F 42	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/21	F	JA32	F 43	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/21	F	JA26	F 44	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/21	F	JA19	F 45	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/21	F	JA13	F 46	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/16	F	JA13	F 57	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/16	F	JA19	F 58	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/16	F	JA26	F 59	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/16	F	JA32	F 60	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/16	F	JA36	F 61	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/16	F	JA13	F 88	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/15	F	JA19	F 89	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/16	F	JA26	F 90	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/16	F	JA32	F 91	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/16	F	JA36	F 92	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/25	F	JA36	F108	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/25	F	JA32	F109	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
06/25	F	JA26	F110	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/25	F	JA19	F111	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/25	F	JA13	F112	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/16	F	JA13	F125	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/16	F	JA19	F126	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/16	F	JA26	F127	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/16	F	JA32	F128	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/16	F	JA36	F129	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/15	F	JA13	F157	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/15	F	JA19	F158	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/15	F	JA26	F159	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/15	F	JA32	F160	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/15	F	JA36	F161	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/20	F	JA39	F162	PA	10	W	05	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/20	F	JA47	F163	PA	10	W	05	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/20	F	JA57	F164	PA	10	W	05	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/20	F	JA63	F165	PA	10	W	05	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/20	F	JA65	F166	PA	10	W	05	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/21	F	JA68	F167	PA	10	W	04	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/21	F	JA71	F168	PA	10	W	05	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/21	F	JA70	F169	PA	10	W	05	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/12	F	JA13	F193	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/12	F	JA19	F194	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/12	F	JA26	F195	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/12	F	JA32	F196	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/12	F	JA36	F197	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/08	F	JA36	F205	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/08	F	JA32	F206	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/08	F	JA26	F207	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/08	F	JA19	F208	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/08	F	JA13	F209	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
11/12	F	JA36	F233	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/12	F	JA32	F234	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/11	F	JA13	F264	PA	10	W	05	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/11	F	JA19	F265	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/12	F	JA36	F266	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/12	F	JA32	F267	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/12	F	JA26	F268	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"

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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	
01/07	F	JA13	F	4	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
01/07	F	JA19	F	5	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
01/07	F	JA24	F	6	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
01/07	F	JA26	F	7	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
01/07	F	JA32	F	8	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
01/07	F	JA36	F	9	PA	10	W 08	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
02/06	F	JA24	F	33	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
02/06	F	JA26	F	34	PA	10	W 12	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
02/06	F	JA32	F	35	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
02/06	F	JA36	F	36	PA	10	W 08	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
02/06	F	JA19	F	37	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
02/06	F	JA13	F	38	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
03/11	F	JA13	F	67	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
03/11	F	JA19	F	68	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
03/11	F	JA26	F	69	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
03/11	F	JA32	F	70	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
03/11	F	JA36	F	71	PA	10	W 08	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
03/12	F	JA24	F	72	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
04/08	F	JA13	F	77	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
04/08	F	JA19	F	78	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
04/08	F	JA24	F	79	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
04/08	F	JA28	F	80	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
04/08	F	JA32	F	81	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
04/08	F	JA36	F	82	PA	10	W 08	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
05/13	F	JA13	F	117	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
05/13	F	JA19	F	118	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
05/13	F	JA24	F	119	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
05/13	F	JA28	F	120	PA	10	W 08	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
05/13	F	JA32	F	121	PA	10	W 15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
05/13	F	JA36	F	122	PA	10	W 08	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	
06/10	F	JA13	F134	PA	10	W	10	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
06/10	F	JA19	F135	PA	10	W	10	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
06/10	F	JA24	F136	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
06/10	F	JA28	F137	PA	10	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
06/10	F	JA32	F138	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
06/10	F	JA36	F139	PA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
07/08	F	JA13	F152	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
07/08	F	JA19	F153	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
07/08	F	JA24	F154	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
07/08	F	JA26	F155	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
07/08	F	JA36	F156	PA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
07/08	F	JA32	F157	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
08/07	F	JA36	F185	PA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
08/07	F	JA32	F186	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
08/07	F	JA26	F187	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
08/07	F	JA24	F188	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
08/07	F	JA13	F190	PA	10	W	10	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
09/09	F	JA13	F203	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
09/09	F	JA19	F204	PA	10	W	11	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
09/09	F	JA24	F205	PA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
09/09	F	JA26	F206	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
09/09	F	JA36	F207	PA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
09/09	F	JA32	F208	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
10/07	F	JA13	F228	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
10/07	F	JA19	F229	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
10/07	F	JA24	F230	PA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
10/07	F	JA26	F231	PA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
10/07	F	JA36	F232	PA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	C	UNLINE	1-1/4"
10/07	F	JA32	F233	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
11/06	F	JA13	F260	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/06	F	JA19	F261	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/06	F	JA24	F262	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/06	F	JA26	F263	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/06	F	JA36	F264	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/06	F	JA32	F265	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/02	F	JA36	F277	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/02	F	JA32	F278	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/02	F	JA26	F279	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/02	F	JA24	F280	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/02	F	JA19	F281	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/02	F	JA13	F282	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
01/06	F	JA13	F	5	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/06	F	JA19	F	6	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/06	F	JA24	F	7	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/06	F	JA26	F	8	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/06	F	JA36	F	9	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
01/06	F	JA32	F	10	PA	10	W 06	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/10	F	JA26	F	29	PA	10	W 10	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/10	F	JA32	F	30	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/10	F	JA36	F	31	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/11	F	JA24	F	32	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/11	F	JA19	F	33	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
02/11	F	JA13	F	34	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/06	F	JA24	F	50	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/06	F	JA26	F	51	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/06	F	JA32	F	52	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/06	F	JA36	F	53	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/06	F	JA19	F	54	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
03/06	F	JA13	F	55	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/21	F	JA13	F	78	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/21	F	JA19	F	79	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/21	F	JA24	F	80	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/21	F	JA27	F	81	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/21	F	JA36	F	82	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
04/21	F	JA32	F	83	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
05/12	F	JA13	F103	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
05/12	F	JA19	F104	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
05/12	F	JA24	F105	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
05/12	F	JA26	F106	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
05/12	F	JA36	F107	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"	
05/12	F	JA32	F108	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
06/23	F	JA13	F136	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/23	F	JA19	F137	PA	10	W	05	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/23	F	JA24	F138	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/23	F	JA32	F139	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/23	F	JA36	F140	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
06/23	F	JA27	F141	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/07	F	JA13	F146	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/07	F	JA19	F147	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/07	F	JA24	F148	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/07	F	JA36	F149	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/07	F	JA32	F150	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
07/07	F	JA27	F151	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/03	F	JA13	F194	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/03	F	JA19	F195	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/03	F	JA24	F196	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/03	F	JA27	F197	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/03	F	JA32	F198	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
08/03	F	JA36	F199	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/15	F	JA13	F226	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/15	F	JA19	F227	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/15	F	JA24	F228	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/15	F	JA27	F229	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/15	F	JA36	F230	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
09/15	F	JA32	F231	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/13	F	JA13	F289	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/13	F	JA24	F291	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/13	F	JA36	F292	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/13	F	JA32	F293	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
10/13	F	JA27	F294	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
11/10	F	JA13	F316	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/10	F	JA19	F317	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/10	F	JA24	F318	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/10	F	JA27	F319	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/10	F	JA36	F320	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
11/10	F	JA32	F321	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/08	F	JA27	F348	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/08	F	JA32	F349	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/08	F	JA36	F350	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/08	F	JA24	F351	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	C	UNLINE	1-1/4"
12/08	F	JA19	F352	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 MARCH, 1986
 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	LGT	TYPE	MESH	TYP	MESH	MESH
01/05	F	JA27	F	4	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
01/05	F	JA32	F	5	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
01/05	F	JA36	F	6	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
01/05	F	JA24	F	7	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
01/05	F	JA19	F	8	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
01/05	F	JA13	F	9	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
02/02	F	JA13	F	54	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
03/05	F	JA13	F	78	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
03/05	F	JA19	F	79	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
03/05	F	JA24	F	80	LA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
03/05	F	JA27	F	81	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
03/05	F	JA32	F	82	LA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
03/05	F	JA36	F	83	LA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
04/12	F	JA24	F125	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"	
04/12	F	JA27	F126	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"	
04/12	F	JA32	F127	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"	
04/12	F	JA36	F128	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"	
04/12	F	JA19	F129	PA	10	W 10	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"	
04/12	F	JA13	F130	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"	
05/11	F	JA13	F175	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"	
05/11	F	JA19	F176	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"	
05/11	F	JA24	F177	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"	
05/11	F	JA27	F178	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"	
05/11	F	JA32	F179	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"	
05/11	F	JA36	F180	PA	10	W 08	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
06/08	F	JA13	F217	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
06/08	F	JA19	F218	PA	10	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
06/08	F	JA24	F219	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
06/08	F	JA27	F220	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
06/08	F	JA32	F221	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
06/08	F	JA36	F222	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
07/13	F	JA13	F247	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
07/13	F	JA19	F248	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
07/13	F	JA24	F249	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
07/13	F	JA27	F250	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
07/13	F	JA32	F251	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
07/13	F	JA36	F252	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
07/15	F	JA05	F253	PA	10	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
07/15	F	JA00	F254	PA	10	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
08/10	F	JA13	F321	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
08/10	F	JA19	F322	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
08/10	F	JA24	F323	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
08/10	F	JA27	F324	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
08/10	F	JA32	F325	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
08/10	F	JA36	F326	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
08/12	F	JA05	F327	PA	10	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
08/12	F	JA00	F328	PA	10	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
09/14	F	JA13	F395	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
09/14	F	JA19	F396	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
09/14	F	JA24	F397	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
09/14	F	JA27	F398	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
09/14	F	JA32	F399	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
09/14	F	JA36	F400	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
09/16	F	JA05	F401	PA	10	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
09/16	F	JA00	F402	PA	10	W	05	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
10/13	F	JA13	F469	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
10/13	F	JA19	F470	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
10/13	F	JA24	F471	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
10/13	F	JA27	F472	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
10/13	F	JA32	F473	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
10/13	F	JA36	F474	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
10/15	F	JA05	F475	PA	10	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
10/15	F	JA00	F476	PA	10	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
11/11	F	JA13	F542	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
11/11	F	JA19	F543	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
11/11	F	JA24	F544	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
11/11	F	JA27	F545	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
11/11	F	JA32	F546	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
11/11	F	JA36	F547	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
11/12	F	JA05	F548	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
11/12	F	JA00	F549	PA	10	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
12/13	F	JA00	F616	PA	10	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
12/13	F	JA05	F617	PA	10	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
12/14	F	JA13	F618	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
12/14	F	JA19	F619	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
12/14	F	JA24	F620	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
12/14	F	JA27	F621	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
12/14	F	JA32	F622	PA	10	W	15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
12/14	F	JA36	F623	PA	10	W	08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"

VIMS ICHTHOLOGY TRAWL SURVEY -1972
 -LISTING BY F.J. WOJCIK MARCH, 1986
 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	LGTH	TYPE	MESH	TYP	MESH	MESH
01/05	F	JA00	F	4	PA	10	W 05	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
01/05	F	JA05	F	5	PA	10	W 05	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
01/06	F	JA13	F	6	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
01/06	F	JA19	F	7	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
01/06	F	JA24	F	8	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
01/06	F	JA27	F	9	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
01/06	F	JA32	F	10	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
01/06	F	JA36	F	11	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
02/01	F	JA00	F	77	PA	10	W 05	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
02/01	F	JA05	F	78	PA	10	W 05	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
02/02	F	JA13	F	79	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
02/02	F	JA19	F	80	PA	10	W 05	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
02/02	F	JA24	F	81	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
02/02	F	JA27	F	82	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
02/02	F	JA32	F	83	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
02/02	F	JA36	F	84	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
03/06	F	JA00	F	150	PA	10	W 05	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
03/06	F	JA05	F	151	PA	10	W 05	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
03/07	F	JA13	F	152	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
03/07	F	JA19	F	153	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
03/07	F	JA24	F	154	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
03/07	F	JA27	F	155	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
03/07	F	JA32	F	156	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
03/07	F	JA36	F	157	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
04/03	F	JA00	F	223	PA	10	W 05	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
04/03	F	JA05	F	224	PA	10	W 05	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
04/04	F	JA13	F	225	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
04/04	F	JA19	F	226	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
04/04	F	JA24	F	227	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
04/04	F	JA27	F	228	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
04/04	F	JA32	F	229	PA	10	W 15	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
04/04	F	JA36	F	230	PA	10	W 08	48"X22"	NO	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"

05/10	F	JA00	F289	LA	10	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
05/10	F	JA05	F290	LA	10	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
05/11	F	JA13	F291	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
05/11	F	JA19	F292	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
05/11	F	JA24	F293	LA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
05/11	F	JA27	F294	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
05/11	F	JA32	F295	LA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
05/11	F	JA36	F296	LA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"

06/12	F	JA00	F337	PA	10	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
06/12	F	JA05	F338	PA	10	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
06/13	F	JA13	F339	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
06/13	F	JA19	F340	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
06/13	F	JA24	F341	PA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
06/13	F	JA27	F342	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
06/13	F	JA32	F343	PA	10	W	15	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
06/13	F	JA36	F344	PA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
06/28	F	JA36	F418	LA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
06/28	F	JA32	F419	LA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
06/28	F	JA27	F420	LA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
06/28	F	JA24	F421	LA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
06/28	F	JA19	F422	LA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
06/28	F	JA13	F423	LA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
06/29	F	JA10	F424	LA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
06/29	F	JA05	F425	LA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
06/29	F	JA00	F426	LA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"

08/08	F	JA00	F450	LA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
08/09	F	JA05	F451	LA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
08/09	F	JA10	F452	LA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
08/09	F	JA19	F453	LA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
08/09	F	JA24	F454	LA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
08/09	F	JA27	F455	LA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
08/09	F	JA32	F456	LA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
08/10	F	JA36	F457	LA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
08/15	F	JA13	F458	LA	10	W	08	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"

11/02	F	JA00	F744	PA	10	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
11/02	F	JA05	F745	PA	10	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
11/02	F	JA13	F746	PA	10	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
11/02	F	JA13	F747	PA	10	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
11/02	F	JA19	F748	PA	10	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
11/02	F	JA19	F749	PA	10	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
11/02	F	JA24	F750	PA	10	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
11/02	F	JA24	F751	PA	10	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"

11/02	F	JA27	F752	PA	10	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
11/02	F	JA27	F753	PA	10	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
11/02	F	JA32	F754	PA	10	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"
11/02	F	JA36	F755	PA	10	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N	UNLINE	1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1973
 -LISTING BY F.J. WOJCIK MARCH, 1986
 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
05/15	F	JA13	F439	LA	43	W	05	48"X22"	YES	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
05/15	F	JA13	F440	LA	43	W	05	48"X22"	YES	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
05/15	F	JA19	F441	LA	43	W	05	48"X22"	YES	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
05/15	F	JA19	F442	LA	43	W	05	48"X22"	YES	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
05/15	F	JA24	F443	LA	43	W	05	48"X22"	YES	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
05/15	F	JA24	F444	LA	43	W	05	48"X22"	YES	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
05/15	F	JA27	F445	LA	43	W	05	48"X22"	YES	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
05/15	F	JA27	F446	LA	43	W	05	48"X22"	YES	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
06/07	F	JA13	F473	PA	43	W	05	48"X22"	YES	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
06/07	F	JA13	F474	PA	43	W	05	48"X22"	YES	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
06/07	F	JA19	F475	PA	43	W	05	48"X22"	YES	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
06/07	F	JA19	F476	PA	43	W	05	48"X22"	YES	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
06/07	F	JA24	F477	PA	43	W	05	48"X22"	YES	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
06/07	F	JA24	F478	PA	43	W	05	48"X22"	YES	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
06/07	F	JA27	F479	PA	43	W	05	48"X22"	YES	30'	30'SB	1-1/2"	N	UNLINE	1-1/4"
06/07	F	JA27	F480	PA	43	W	05	48"X22"	YES	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
02/13	F	JA80	A217	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/13	F	JA79	A218	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/13	F	JA78	A219	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/13	F	JA76	A220	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/13	F	JA75	A221	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/13	F	JA74	A222	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/13	F	JA73	A223	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/13	F	JA71	A224	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/13	F	JA70	A225	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/13	F	JA69	A226	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/13	F	JA68	A227	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/13	F	JA66	A228	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/13	F	JA65	A229	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/13	F	JJN03	A214	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/13	F	JJN01	A215	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/13	F	JJN00	A216	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/13	F	JTI03	A211	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/13	F	JTI01	A212	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/13	F	JTI00	A213	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA64	A230	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA63	A231	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA61	A232	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA60	A233	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA59	A234	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA58	A235	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA56	A236	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA55	A237	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA54	A238	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA53	A239	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA51	A240	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA50	A241	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA49	A242	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA48	A243	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA46	A244	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA45	A245	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA44	A246	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	
02/14	F	JA43	A247	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA41	A248	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA40	A249	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA39	A250	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA38	A251	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA36	A252	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA35	A253	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA34	A254	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA33	A255	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA31	A256	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA30	A257	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA29	A258	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA28	A259	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA26	A260	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/14	F	JA25	A261	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/19	F	JA24	A262	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/19	F	JA23	A263	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/19	F	JA21	A264	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/19	F	JA20	A265	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/19	F	JA19	A266	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/19	F	JA18	A267	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/19	F	JA16	A268	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/19	F	JA15	A269	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/19	F	JA14	A270	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/19	F	JA13	A271	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/19	F	JA11	A272	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/19	F	JA10	A273	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/19	F	JA09	A274	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/19	F	JA08	A275	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/19	F	JA06	A276	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/19	F	JA05	A277	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/19	F	JA04	A278	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/19	F	JA03	A279	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/19	F	JA01	A280	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
02/19	F	JA00	A281	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"

MO/DA	F	RIVER	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG	
R	MILE	NOS.	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH		
07/24	R	CBJA02	I809	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/30	R	CBJA02	I810	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/30	R	CBJA03	I811	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/30	R	CBJA04	I812	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/30	R	CBJA05	I813	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/30	R	CBJA06	I814	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/30	R	CBJA07	I815	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/30	R	CBJA08	I816	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/30	R	CBJA09	I817	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/30	R	CBJA10	I818	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/30	R	CBJA11	I819	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/30	R	CBJA12	I820	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/30	R	CBJA13	I821	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/30	R	CBJA14	I822	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/30	R	CBJA15	I823	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
07/30	R	CBJA16	I824	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/12	F	JA30	A294	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/12	F	JA35	A295	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/12	F	JA40	A296	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/12	F	JA45	A297	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/13	F	JA50	A298	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/13	F	JA55	A299	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/13	F	JA60	A300	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/14	F	JA65	A301	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/14	F	JA70	A302	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/14	F	JA75	A303	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/14	F	JA80	A304	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"

ICHTHYOLOGY TRAWL SURVEY -1975
 -LISTING BY F.J. WOJCIK MARCH, 1986
 FOR DATA SET (AFISH75.YCDA*)

MO/DA	F RIVER	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R	MILE	NOS.	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
02/04	R JA000	A195	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0012	A196	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0022	A197	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0041	A198	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA005	A199	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0063	A200	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0082	A201	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0083	A202	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0093	A203	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0101	A204	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0112	A205	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0132	A206	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0143	A207	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0143	A208	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA016	A209	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA017	A210	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0181	A211	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0191	A212	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0193	A213	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0201	A214	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0213	A215	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0231	A216	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0233	A217	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA026	A218	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0261	A219	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA028	A220	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0293	A221	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA030	A222	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0311	A223	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0323	A224	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/04	R JA0333	A225	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/05	R JA0353	A226	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/05	R JA037	A227	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/05	R JA0372	A228	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/05	R JA0383	A229	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
02/05	R JA0401	A230	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"

MO/DA	F	RIVER	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG	
R	MILE	NOS.	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH	MESH	
02/05	R	JA0412	A231	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/05	R	JA0432	A232	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/05	R	JA0433	A233	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/05	R	JA046	A234	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/05	R	JA0462	A235	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/05	R	JA0472	A236	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/05	R	JA0493	A237	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/05	R	JA0502	A238	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/05	R	JA0511	A239	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/05	R	JA0532	A240	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/05	R	JA0543	A241	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/05	R	JA0552	A242	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/05	R	JA0571	A243	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/05	R	JA058	A244	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/05	R	JA0583	A245	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/05	R	JA0601	A246	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/05	R	JA062	A247	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/05	R	JA064	A248	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/05	R	JA0633	A249	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/05	R	JA065	A250	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/05	R	JA0663	A251	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/05	R	JA0672	A252	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/05	R	JA0691	A253	LA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/06	R	JA0701	A257	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/06	R	JA0713	A258	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/06	R	JA0731	A259	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/06	R	JA074	A260	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/06	R	JA0751	A261	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/06	R	JA077	A262	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/06	R	JA078	A263	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/06	R	JA0791	A264	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/06	R	JA0801	A265	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/06	R	JA0821	A266	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/10	R	JBB01	A270	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/10	R	JBB02	A271	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"
02/10	R	JBB03	A272	LA	33	W	25	48"X22"	NO	30'	30'	SB	1-1/2"	N	L 1/2"	1-1/4"

MO/DA	F	RIVER	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R		MILE	NOS.	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
07/22	R	CBJA01	I780	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CBJA02	I781	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CBJA03	I782	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CBJA04	I783	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CBJA05	I784	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CBJA06	I785	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CBJA07	I786	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CBJA08	I787	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CBJA09	I788	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CBJA16	I789	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CBJA11	I790	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CBJA12	I791	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CBJA13	I792	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CBJA14	I793	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CBJA15	I794	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CBJA17	I795	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CBJA16	I796	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CBJA18	I797	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CBJA20	I798	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	CBJA19	I799	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CBJA21	I806	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CBJA22	I807	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CBJA23	I808	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CBJA24	I809	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CBJA25	I810	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CBJA26	I811	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CBJA27	I812	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CBJA28	I813	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CBJA29	I814	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CBJA30	I815	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CBJA31	I816	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CBJA32	I817	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CBJA33	I818	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CBJA34	I819	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CBJA35	I820	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CBJA37	I821	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/23	R	CBJA36	I822	PA	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	
08/18	F	JA065	A339	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/18	F	JA070	A340	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/18	F	JA075	A341	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/18	F	JA080	A342	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/18	F	JA003	A343	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/18	F	JA002	A344	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/18	F	JA001	A345	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/18	F	JA004	A346	BR	35	W	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
08/18	F	JA003	A347	BR	35	W	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
08/18	F	JA002	A348	BR	35	W	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
08/18	F	JA001	A349	BR	35	W	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
08/18	F	JA001	A350	BR	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
08/18	F	JA002	A351	BR	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
08/18	F	JA001	A352	BR	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
08/18	F	JA002	A353	BR	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
08/19	F	JA060	A354	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/19	F	JA055	A355	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/19	F	JA050	A356	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/19	F	JA045	A357	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/19	F	JA040	A358	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/19	F	JA035	A359	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/19	F	JA030	A360	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/19	F	JA025	A361	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/19	F	JTI01	A362	LA	35	W	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
08/19	F	JTI02	A363	LA	35	W	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
08/19	F	JTI03	A364	LA	35	W	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
08/19	F	JTI04	A365	LA	35	W	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
08/20	F	JA020	A366	LA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/20	F	JA015	A367	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/20	F	JA010	A368	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/20	F	JA005	A369	LA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/20	F	JA000	A370	LA	33	W	05	24"X12"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
08/28	F	JA002	A403	BR	35	A	07	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
08/28	F	JA003	A404	BR	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
08/28	F	JA001	A405	BR	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
08/28	F	JA001	A406	BR	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
08/28	F	JA003	A407	BR	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N L	1/2"	1-1/4"
08/28	F	JA002	A408	BR	35	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 MARCH, 1986
 FOR DATA SET (AFISH76.YCDA*)

MO/DA	F	RIVER	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R	MILE	NOS.	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH	MESH
01/07	R	JA0003	A	1	LA	33	W 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/07	R	JA0012	A	2	LA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/07	R	JA0031	A	3	LA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/07	R	JA0033	A	4	LA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/07	R	JA004S	A	5	LA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/07	R	JA0053	A	6	LA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/07	R	JA007	A	7	LA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/07	R	JA0072	A	8	LA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/08	R	JA007S	A	9	LA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/08	R	JA0083	A	10	LA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/08	R	JA0101	A	11	LA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/08	R	JA0113	A	12	LA	33	W 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/08	R	JA0122	A	13	LA	33	W 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/08	R	JA0141	A	14	LA	33	W 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/08	R	JA014S	A	15	LA	33	W 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/08	R	JA016	A	16	LA	33	W 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/08	R	JA0162	A	17	LA	33	W 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/08	R	JA0172	A	18	LA	33	W 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/08	R	JA019S	A	19	LA	33	W 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/08	R	JA0192SA	A	20	LA	33	W 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/08	R	JA0203	A	21	LA	33	W 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/09	R	JA0233	A	23	LA	33	W 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/09	R	JA0213	A	24	LA	33	W 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/09	R	JA0223	A	25	LA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/09	R	JA024S	A	26	LA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/12	R	JA026	A	27	LA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/12	R	JA0263	A	28	LA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/12	R	JA0272	A	29	LA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/12	R	JA028S	A	30	LA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/12	R	JA0292	A	31	LA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/12	R	JA0301	A	32	LA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/12	R	JA032	A	33	LA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/12	R	JA0332	A	34	LA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/12	R	JA0342	A	35	LA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/12	R	JA0351	A	36	LA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/13	R	JA0363	A	46	LA	33	W 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"

MO/DA	F RIVER	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R	MILE	NOS.	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
01/13	R	JA0382	A	47	LA	33	W 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA0383	A	48	LA	33	W 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA0411	A	49	LA	33	W 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA0421	A	50	LA	33	W 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA0422	A	51	LA	33	W 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA044	A	52	LA	33	W 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA0453	A	53	LA	33	W 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA0462	A	54	LA	33	W 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA0483	A	55	LA	33	W 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA0483	A	56	LA	33	W 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA051	A	57	LA	33	W 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA0513	A	58	LA	33	W 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA0523	A	59	LA	33	W 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA0533	A	60	LA	33	W 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA0553	A	61	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA0571	A	62	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA0572	A	63	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA0591	A	64	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA0602	A	65	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA0611	A	66	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA0622	A	67	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA0643	A	68	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA066	A	69	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JA0662	A	70	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JTI002	A	71	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JTI001	A	72	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/13	R	JTI000	A	73	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/14	R	JA0673	A	74	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/14	R	JA0683	A	75	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/14	R	JJN003	A	76	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/14	R	JJN011	A	77	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/14	R	JJN031	A	78	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/14	R	JA0752	A	79	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/14	R	JA0771	A	80	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/14	R	JA0772	A	81	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/14	R	JA0792	A	82	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/14	R	JA080	A	83	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/14	R	JA0811	A	84	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/14	R	JA0742	A	85	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/14	R	JA0722	A	86	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/14	R	JA072	A	87	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"
01/14	R	JA0703	A	88	LA	33	A 25	48"X22"	NO	30'	30'	SB 1-1/2"	N L 1/2"	1-1/4"

MO/DA	F RIVER	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R	MILE	NOS.	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
03/03	R	JBB01	I363	RE	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
03/03	R	JBB02	I364	RE	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
03/03	R	JBB03	I365	RE	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
03/03	R	JBB06	I366	RE	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
03/03	R	JBB05	I367	RE	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
03/03	R	JBB04	I368	RE	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	JA016A	I398	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	JA018A	I399	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	JA014A	I400	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	JA007F	I401	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	JA010F	I402	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	JA010D	I403	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	JA015B	I404	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	JA038E	I405	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	JA011E	I406	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	JA021E	I407	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	JA019E	I408	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	JA010B	I409	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	JA029E	I410	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	JA013D	I411	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/06	R	JA009D	I412	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	JA045A	I444	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	JA064A	I445	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	JA074A	I446	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	JA079A	I447	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	JA086A	I448	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	JA058D	I449	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	JA024D	I450	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	JA028B	I451	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	JA090A	I452	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	JA062D	I453	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	JA055D	I454	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	JA152A	I455	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	JA151A	I456	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	JA149A	I457	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	JA137A	I458	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"
07/07	R	JA147A	I459	BR	35	A 05	24"X12"	NO	UNK	16' SB	1-1/2"	N L	1/2"	1-1/4"

MO/DA	F RIVER	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R	MILE	NOS.	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
07/08	R	JA054B	I469	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/08	R	JA060B	I470	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/08	R	JA192A	I471	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/08	R	JA175A	I472	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/08	R	JA174A	I473	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/08	R	JA189A	I474	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/08	R	JA217A	I475	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/08	R	JA202A	I476	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/08	R	JA201A	I477	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/08	R	JA199A	I478	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/08	R	JA066E	I479	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/08	R	JA068B	I480	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/08	R	JA064E	I481	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/08	R	JA016F	I482	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/08	R	JA033G	I483	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/08	R	JA008I	I484	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/08	R	JA060E	I485	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/12	R	JA075D	I526	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/12	R	JA006H	I527	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/12	R	JA013I	I528	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/12	R	JA031G	I529	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/12	R	JA009I	I530	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/12	R	JA006I	I531	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/12	R	JA029G	I532	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/12	R	JA022G	I533	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/12	R	JA018G	I534	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/12	R	JA004G	I535	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/12	R	JA008J	I536	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/12	R	JA030G	I537	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/12	R	JA142G	I538	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/12	R	JA153G	I539	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/12	R	JA141G	I540	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/12	R	JA140G	I541	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/12	R	JA139G	I542	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/12	R	JA151G	I543	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/12	R	JA021I	I544	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/12	R	JA162G	I545	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/13	R	JA136G	I553	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L 1/2"	1-1/4"
07/13	R	JA137G	I554	BR	35	A	05	24"X12"	NO	UNK	16'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
07/13	R	JA138G	I555	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	JA147G	I556	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	JA165G	I557	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	JA166G	I558	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	JA037H	I559	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	JA034H	I560	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	JA051H	I561	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	JA264H	I562	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	JA273G	I563	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	JA268G	I564	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	JA281G	I565	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	JA283G	I566	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	JA279G	I567	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	JA278G	I568	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	JA044H	I569	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	JA033H	I570	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	JA019J	I571	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	JA018J	I572	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	JA001Q	I573	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	JA002P	I574	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/13	R	JA038L	I575	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA002L	I612	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA007L	I613	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA008L	I614	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA021L	I615	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA047L	I616	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA005L	I617	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA0200	I618	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA019M	I619	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA0220	I620	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA006L	I621	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA044L	I622	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA046L	I623	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA043L	I624	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA034L	I625	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA0100	I626	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA0390	I627	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA154L	I628	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA022M	I629	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA153L	I630	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA025M	I631	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"

MO/DA	F RIVER	COLL	VS	GR	W	TOW	DOOR	TICK	BDL	TRAWL	BODY	THD	LINER	BAG
R	MILE	NOS.	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
07/14	R	JA0420	I632	BR	35	A 05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA037L	I633	BR	35	A 05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA167L	I634	BR	35	A 05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA181L	I635	BR	35	A 05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/14	R	JA185L	I636	BR	35	A 05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	JA003R	I657	BR	35	A 05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	JA002R	I658	BR	35	A 05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	JA006R	I659	BR	35	A 05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	JA025R	I660	BR	35	A 05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	JA003V	I661	BR	35	A 05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	JA001W	I662	BR	35	A 05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	JA001U	I663	BR	35	W 05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	JA010R	I664	BR	35	W 05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	JA009R	I665	BR	35	A 05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	JA020T	I666	BR	35	A 05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	JA019T	I667	BR	35	A 05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	JA020U	I668	BR	35	A 05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	JA049R	I669	BR	35	A 05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	JA042R	I670	BR	35	A 05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	JA050R	I671	BR	35	A 05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	JA009U	I672	BR	35	A 05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/15	R	JA027R	I673	BR	35	A 05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1977
 -LISTING BY F.J. WOJCIK MARCH, 1986
 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
03/28	R	JBB01	I174	RE	35	W	25	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
03/28	R	JBB04	I175	RE	35	W	25	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
03/28	R	JBB02	I176	RE	35	W	25	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
03/28	R	JBB05	I177	RE	35	W	25	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
03/28	R	JBB03	I178	RE	35	W	25	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
03/28	R	JBB06	I179	RE	35	W	25	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/19	R	JA510	I479	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/19	R	JA515	I480	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/19	R	JA568	I481	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/19	R	JA003	I482	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/19	R	JA202	I483	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/19	R	JA431	I484	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/19	R	JA580	I485	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/19	R	JA581	I486	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/19	R	JA572	I487	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/19	R	JA577	I488	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/19	R	JA589	I489	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/19	R	JA587	I490	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/19	R	JA006	I491	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/19	R	JA600	I492	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/19	R	JA448	I493	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/19	R	JA446	I494	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/20	R	JA551	I513	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/20	R	JA404	I514	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/20	R	JA425	I515	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/20	R	JA017	I516	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/20	R	JA020	I517	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/20	R	JA222	I518	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/20	R	JA033	I519	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/20	R	JA267	I520	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/20	R	JA218	I521	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/20	R	JA444	I522	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/20	R	JA207	I523	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/20	R	JA208	I524	RE	35	A	05	24"X12"	NO	UNK	16'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
07/21	R	JA040	I530	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	JA649	I531	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	JA665	I532	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	JA700	I533	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	JA660	I534	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	JA678	I535	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	JA658	I536	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	JA617	I537	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	JA274	I538	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	JA277	I539	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	JA526	I540	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	JA651	I541	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	JA709	I542	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	JA672	I543	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	JA468	I544	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	JA747	I545	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	JA717	I546	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	JA721	I547	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	JA735	I548	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	JA778	I549	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	JA063	I550	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/21	R	JA760	I551	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	JA757	I574	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	JA758	I575	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	JA764	I576	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	JA474	I577	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	JA476	I578	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	JA477	I579	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	JA475	I580	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	JA479	I581	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	JA478	I582	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	JA770	I583	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	JA306	I584	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	JA304	I585	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	JA303	I586	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	JA073	I587	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	JA309	I588	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	JA074	I589	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/22	R	JA799	I590	RE	35	A	05	24"X12"	NO	UNK	16'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	
07/22	R	JA072	I591	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/22	R	JA775	I592	RE	35	W	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/22	R	JA800	I593	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/22	R	JA810	I594	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/22	R	JA899	I595	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/26	R	JA310	I596	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/26	R	JA311	I597	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/26	R	JA314	I598	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/26	R	JA315	I599	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/26	R	JA480	I600	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/26	R	JA481	I601	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/26	R	JA321	I602	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/26	R	JA322	I603	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/26	R	JA880	I604	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/26	R	JA886	I605	RE	35	W	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/26	R	JA888	I606	RE	35	W	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/26	R	JA894	I607	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/26	R	JA090	I608	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/26	R	JA323	I609	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/27	R	JA815	I610	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/27	R	JA908	I611	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/27	R	JA911	I612	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/27	R	JA089	I613	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/27	R	JA927	I614	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/27	R	JA091	I615	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/27	R	JA482	I616	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/27	R	JA483	I617	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/27	R	JA484	I618	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/28	R	JA942	I625	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/28	R	JA943	I626	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/28	R	JA485	I627	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/28	R	JA486	I628	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/28	R	JA488	I629	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/28	R	JA487	I630	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/28	R	JA489	I631	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/28	R	JA491	I632	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/28	R	JA948	I633	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/28	R	JA949	I634	RE	35	A	05	24"X12"	NO	UNK	16'	SB	1-1/2"	N	L	1-1/4"
07/28	R	JA950	I635	RE	35	A	05	24"X12"	NO	UNK	16'	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
07/28	R	JA531	I636	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/28	R	JA532	I637	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/28	R	JA533	I638	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/28	R	JA534	I639	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/29	R	JA093	I640	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/29	R	JA956	I641	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/29	R	JA954	I642	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/29	R	JA324	I643	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/29	R	JA098	I644	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/29	R	JA099	I645	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/29	R	JA326	I646	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/29	R	JA100	I647	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/29	R	JA969	I648	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
07/29	R	JA972	I649	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	JA1031	I654	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	JA1015	I655	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	JA1003	I656	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	JA1012	I657	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	JA1007	I658	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	JA1000	I659	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	JA499	I650	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	JA355	I651	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	JA353	I652	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	JA352	I653	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	JA994	I660	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	JA997	I661	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	JA990	I662	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	JA986	I663	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	JA987	I664	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	JA989	I665	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	JA988	I666	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/01	R	JA995	I667	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/02	R	J1048	I685	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/02	R	JA339	I668	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/02	R	JA338	I669	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/02	R	JA336	I670	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/02	R	JA496	I671	RE	35	A	05	24"X12"	NO	UNK	16'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
08/02	R	JA495	I672	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/02	R	JA973	I673	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/02	R	JA970	I674	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/02	R	JA982	I675	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/02	R	JA345	I676	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/02	R	JA498	I677	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/02	R	JA497	I678	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/02	R	JA500	I679	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/02	R	JA535	I680	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/02	R	JA538	I681	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/02	R	JA539	I682	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/02	R	JA501	I683	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/02	R	JA115	I684	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	JA1071	I697	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	JA1088	I698	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	JA1092	I699	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	JA1087	I700	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	JA1079	I701	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	JA1063	I702	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	JA1053	I706	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	JA1050	I707	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	JA137	I686	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	JA379	I687	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	JA378	I688	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	JA375	I689	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	JA372	I690	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	JA371	I691	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	JA369	I692	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	JA365	I693	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	JA136	I694	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	JA135	I695	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	JA134	I696	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	JA130	I703	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	JA126	I704	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	R	JA359	I705	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"

IMS ICHTHYOLOGY TRAWL SURVEY -1978
 -LISTING BY F.J. WOJCIK MARCH, 1986
 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
02/13	R	JA328	I168	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA101	I169	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA103	I170	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA329	I171	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA331	I172	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA344	I173	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA345	I174	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA346	I175	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA349	I176	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA350	I177	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA498	I178	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA535	I179	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA536	I180	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA538	I181	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA539	I182	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA120	I183	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA359	I184	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA361	I185	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA129	I186	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA362	I187	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA364	I188	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA502	I189	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA505	I190	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/13	R	JA137	I191	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA096	I192	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA093	I193	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA324	I194	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA534	I195	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA532	I196	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA531	I197	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA492	I198	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA491	I199	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA486	I200	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA086	I201	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA081	I202	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA314	I203	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
02/15	R	JA313	I204	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA312	I205	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA079	I206	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA310	I207	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA075	I208	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA306	I209	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA072	I210	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA063	I211	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA474	I212	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA473	I213	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA472	I214	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA300	I215	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA301	I216	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA297	I217	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA295	I218	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA290	I219	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA284	I220	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA280	I221	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA278	I222	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA277	I223	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/15	R	JA458	I224	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA510	I225	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA406	I226	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA199	I227	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA430	I228	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA521	I229	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA436	I230	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA433	I231	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA451	I232	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA452	I233	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA012	I234	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA455	I235	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA266	I236	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA027	I237	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA256	I238	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA251	I239	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA246	I240	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA244	I241	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA248	I242	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
02/16	R	JA025	I243	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA238	I244	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA244	I245	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA425	I246	LA	33	W	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA409	I247	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA517	I248	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
02/16	R	JA514	I249	LA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2	N L	1/2"	1 1/4"
03/15	R	JBBO1	I372	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
03/15	R	JBBO4	I373	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
03/15	R	JBBO2	I374	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
03/15	R	JBBO5	I375	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
03/15	R	JBBO3	I376	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
03/15	R	JBBO6	I377	BR	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/26	R	JA1124	I378	RE	35	W	01	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/26	R	JA1123	I379	RE	35	W	01	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/26	R	JA1178	I383	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/26	R	JA1176	I384	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/26	R	JA1173	I385	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/26	R	JA1172	I386	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/26	R	JA1170	I387	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/26	R	JA1161	I388	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/26	R	JA170	I380	RE	35	W	04	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/26	R	JA166	I381	RE	35	W	03	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/26	R	JA159	I382	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/26	R	JA155	I389	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/26	R	JA154	I390	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/27	R	JA1239	I393	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/27	R	JA1245	I394	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/27	R	JA1249	I395	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/27	R	JA1247	I396	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/27	R	JA1154	I397	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/27	R	JA1250	I398	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/27	R	JA153	I391	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/27	R	JA180	I392	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/28	R	JA1117	I399	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/28	R	JA1119	I400	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/28	R	JA1246	I401	RE	35	A	05	24"X12"	NO	UNK	16'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
06/28	R	JA1243	I403	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/28	R	JA1238	I404	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/28	R	JA1131	I411	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/28	R	JA1114	I412	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/28	R	JA175	I402	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/28	R	JA398	I413	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/29	R	JA1111	I416	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/29	R	JA1106	I418	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/29	R	JA1227	I421	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/29	R	JA1226	I422	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/29	R	JA1102	I423	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/29	R	JA1099	I426	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/29	R	JA151	I414	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/29	R	JA150	I415	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/29	R	JA147	I417	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/29	R	JA394	I419	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/29	R	JA391	I420	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/29	R	JA144	I424	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/29	R	JA385	I425	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/29	R	JA384	I427	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/30	R	JA1222	I428	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/30	R	JA1194	I429	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/30	R	JA1096	I433	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/30	R	JA383	I430	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/30	R	JA508	I431	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/30	R	JA507	I432	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/30	R	JA138	I434	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/30	R	JA140	I435	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/30	R	JA506	I436	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/30	R	JA503	I437	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/30	R	JA371	I438	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/30	R	JA502	I439	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/30	R	JA136	I440	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
06/30	R	JA135	I441	RE	35	W	05	24"X12"	NO	UNK	16'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		R SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH
07/17	R	JA537	I594	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/17	R	JA536	I595	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/17	R	JA535	I596	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/17	R	JA1051	I586	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/17	R	JA1082	I590	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/17	R	JA1080	I591	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/17	R	JA1090	I592	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/17	R	JA1093	I593	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/17	R	JA1040	I597	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/17	R	JA358	I587	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/17	R	JA126	I588	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/17	R	JA361	I589	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/19	R	JA354	I609	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/19	R	JA112	I610	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/19	R	JA349	I611	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/19	R	JA346	I612	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/19	R	JA108	I613	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/19	R	JA989	I614	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/19	R	JA973	I615	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/19	R	JA974	I616	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/19	R	JA966	I617	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/19	R	JA099	I618	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/19	R	JA492	I619	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/19	R	JA493	I620	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/19	R	JA531	I621	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/19	R	JA533	I622	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/19	R	JA534	I623	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/19	R	JA978	I624	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/19	R	JA494	I625	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/20	R	JA944	I638	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/20	R	JA941	I639	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/20	R	JA940	I640	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/20	R	JA486	I641	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/20	R	JA485	I642	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/20	R	JA898	I643	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/20	R	JA895	I644	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/20	R	JA867	I645	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/20	R	JA880	I646	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/20	R	JA888	I647	RE	35	A	05	24"X12"	NO	UNK	16'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
07/20	R	JA890	I648	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/20	R	JA876	I649	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/20	R	JA322	I650	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/20	R	JA808	I651	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/20	R	JA806	I652	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/20	R	JA813	I653	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/21	R	JA080	I665	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/21	R	JA799	I666	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/21	R	JA066	I667	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/21	R	JA069	I668	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/21	R	JA795	I669	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/21	R	JA792	I670	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/21	R	JA777	I671	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/21	R	JA737	I672	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/21	R	JA735	I673	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/21	R	JA723	I674	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/21	R	JA717	I675	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/21	R	JA720	I676	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/21	R	JA057	I677	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/21	R	JA301	I678	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/21	R	JA300	I679	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/21	R	JA473	I680	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/21	R	JA960	I681	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/21	R	JA763	I682	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/21	R	JA762	I683	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/25	R	JA305	I706	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/25	R	JA303	I707	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/25	R	JA478	I708	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/25	R	JA715	I709	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/25	R	JA694	I710	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/25	R	JA695	I711	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/25	R	JA699	I712	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/25	R	JA662	I713	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/25	R	JA701	I714	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/25	R	JA684	I715	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/25	R	JA040	I716	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/25	R	JA042	I717	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/25	R	JA613	I718	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/25	R	JA615	I719	RE	35	A	05	24"X12"	NO	UNK	16'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
07/25	R	JA458	I720	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA544	I721	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA541	I722	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA417	I723	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA226	I724	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA236	I725	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA250	I726	RE	35	W	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA029	I727	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA248	I728	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA025	I729	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA451	I730	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA450	I731	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA215	I732	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA213	I733	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA209	I734	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA597	I735	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA592	I736	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA598	I737	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA585	I738	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA432	I739	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA429	I740	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA517	I741	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA516	I742	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"
07/26	R	JA001	I743	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2	N L	1/2"	1 1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1979
 -LISTING BY F.J. WOJCIK MARCH, 1986
 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
01/09	R	J1516	I	5	PA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/09	R	JA513	I	4	PA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/09	R	JA516	I	5	PA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/09	R	JA195	I	6	PA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/09	R	JA409	I	7	PA	33	W 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/09	R	JA422	I	8	PA	33	A 25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/10	R	JA014	I	34	PA	33	W 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/10	R	JA411	I	35	PA	33	W 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/10	R	JA416	I	36	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/10	R	JA417	I	37	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/10	R	JA442	I	38	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/10	R	JA440	I	39	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/10	R	JA004	I	40	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/10	R	JA206	I	41	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/10	R	JA432	I	42	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/10	R	JA445	I	43	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/10	R	JA234	I	44	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/10	R	JA214	I	45	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/11	R	JA241	I	46	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/11	R	JA240	I	47	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/11	R	JA244	I	48	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/11	R	JA243	I	49	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/11	R	JA253	I	50	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/11	R	JA268	I	51	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/11	R	JA218	I	52	PA	33	W 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/11	R	JA276	I	53	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/11	R	JA278	I	54	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/11	R	JA282	I	55	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/11	R	JA286	I	56	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/16	R	JA287	I	57	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/16	R	JA292	I	58	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/16	R	JA297	I	59	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/16	R	JA470	I	60	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/16	R	JA058	I	61	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/16	R	JA473	I	62	PA	33	A 05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/16	R	JA474	I	63	PA	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		R SITE	NUMB	CD	CD	A	TIM	SIZE	CHAN	LGT	TYPE	MESH	TYP	MESH	MESH	
01/16	R	JA476	I 64	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/16	R	JA479	I 65	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/16	R	JA070	I 66	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/16	R	JA073	I 67	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/16	R	JA075	I 68	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/16	R	JA314	I 69	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/16	R	JA080	I 70	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	JA316	I 92	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	JA317	I 93	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	JA322	I 94	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	JA084	I 95	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	JA085	I 96	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	JA482	I 97	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	JA486	I 98	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	JA490	I 99	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	JA491	I100	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	JA493	I101	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	JA532	I102	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	JA533	I103	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	JA534	I104	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	JA534	I105	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	JA097	I106	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	JA096	I107	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	JA099	I108	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	JA327	I109	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	JA101	I110	PA	33	A	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/17	R	JA102	I111	PA	33	W	05	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/18	R	JA104	I118	PA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/18	R	JA330	I119	PA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/18	R	JA495	I120	PA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/18	R	JA496	I121	PA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/18	R	JA334	I122	PA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/18	R	JA336	I123	PA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/18	R	JA341	I124	PA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/18	R	JA109	I125	PA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/22	R	JA347	I160	PA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/22	R	JA348	I161	PA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/22	R	JA111	I162	PA	33	A	25	48"X22"	NO	30'	30'	SB	1-1/2"	N L	1/2"	1-1/4"
01/22	R	JA351	I163	PA	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
01/22	R	JA354	I164	PA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/22	R	JA499	I165	PA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/22	R	JA535	I166	PA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/22	R	JA536	I167	PA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/22	R	JA538	I168	PA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/22	R	JA539	I169	PA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/22	R	JA501	I170	PA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/22	R	JA356	I171	PA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/22	R	JA115	I172	PA	33	A	25	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA1193	I209	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA1222	I210	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA1225	I211	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA1228	I214	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA117	I192	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA121	I193	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA122	I194	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA127	I195	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA136	I196	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA367	I197	PA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA368	I198	PA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA502	I199	PA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA503	I200	PA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA373	I201	PA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA375	I202	PA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA377	I203	PA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA506	I204	PA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA139	I205	PA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA380	I206	PA	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA507	I207	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA382	I208	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA143	I212	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/23	R	JA145	I213	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/24	R	JA1214	I249	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/24	R	JA1215	I250	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/24	R	JA1131	I252	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/24	R	JA1216	I253	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/24	R	JA1217	I254	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/24	R	JA1134	I255	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/24	R	JA1138	I257	PA	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
01/24	R	JA390	I244	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/24	R	JA391	I245	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/24	R	JA146	I246	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/24	R	JA149	I247	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/24	R	JA151	I248	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/24	R	JA400	I251	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/24	R	JA153	I256	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/25	R	JA1152	I268	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/25	R	JA1168	I269	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/25	R	JA1171	I270	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/25	R	JA1172	I271	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/25	R	JA1178	I272	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/25	R	JA1180	I273	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/25	R	JA156	I274	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
01/25	R	JA172	I275	PA	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
03/12	R	JA1242	I444	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
03/12	R	JA1248	I445	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
03/12	R	JA1245	I447	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
03/12	R	JA1247	I448	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
03/12	R	JA1234	I449	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
03/12	R	JA1234	I450	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
03/12	R	JA184	I446	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
03/12	R	JA176	I451	RE	35	A	05	24"X12"	NO	UNK	16'SB	1-1/2"	N L	1/2"	1-1/4"
05/04	F	JA013	I486	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/04	F	JA013	I487	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/04	F	JA017	I488	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/04	F	JA017	I489	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/04	F	JA024	I490	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/04	F	JA024	I491	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/04	F	JA027	I492	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
05/04	F	JA027	I493	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/07	F	JA001	I526	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/07	F	JA001	I527	PA	68	W	05	54"X25"	YES	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
06/07	F	JA013	I528	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/07	F	JA013	I529	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/07	F	JA017	I530	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/07	F	JA017	I531	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/07	F	JA024	I532	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/07	F	JA024	I533	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
06/07	F	JA027	I534	PA	10	A	05	54"X25"	NO	30'	30'SB	1-1/2"	N UNLINE		1-1/4"
06/07	F	JA027	I535	PA	10	A	05	54"X25"	NO	30'	30'SB	1-1/2"	N UNLINE		1-1/4"
07/05	F	JA001	I576	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/05	F	JA001	I577	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/05	F	JA013	I578	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/05	F	JA013	I579	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/05	F	JA017	I580	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/05	F	JA017	I581	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/05	F	JA023	I582	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/05	F	JA023	I583	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
07/05	F	JA027	I584	PA	10	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N UNLINE		1-1/4"
07/05	F	JA027	I585	PA	10	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N UNLINE		1-1/4"
08/03	F	JA001	I628	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	F	JA001	I629	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	F	JA013	I630	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	F	JA013	I631	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	F	JA017	I632	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	F	JA017	I633	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	F	JA023	I634	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	F	JA023	I635	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	F	JA027	I636	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
08/03	F	JA027	I637	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
09/18	F	JA001	I661	LA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
09/18	F	JA001	I662	LA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
09/18	F	JA013	I663	LA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
09/18	F	JA013	I664	LA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
09/18	F	JA017	I665	LA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
09/18	F	JA017	I666	LA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
09/18	F	JA023	I667	LA	68	A	05	54"X25"	YES	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
09/18	F	JA023	I668	LA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
09/18	F	JA027	I669	LA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
09/18	F	JA027	I670	LA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
10/11	F	JA001	I705	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
10/11	F	JA001	I706	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
10/11	F	JA013	I707	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
10/11	F	JA013	I708	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
10/11	F	JA017	I709	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
10/11	F	JA017	I710	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
10/11	F	JA024	I711	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
10/11	F	JA024	I712	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
10/11	F	JA027	I713	PA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
10/11	F	JA027	I714	PA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
11/08	F	JA001	I752	LA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
11/08	F	JA001	I753	LA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
11/08	F	JA013	I754	LA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
11/08	F	JA013	I755	LA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
11/08	F	JA017	I756	LA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
11/08	F	JA017	I757	LA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
11/08	F	JA024	I758	LA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
11/08	F	JA024	I759	LA	68	A	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
11/08	F	JA027	I760	LA	68	W	05	54"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
11/08	F	JA027	I761	LA	68	A	05	48"X25"	YES	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
12/10	R	JA518	I795	JS	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
12/10	R	JA447	I796	JS	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
12/10	R	JA453	I797	JS	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
12/11	R	JA526	I798	JS	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
12/11	R	JA295	I799	JS	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
12/11	R	JA307	I800	JS	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
12/11	R	JA316	I801	JS	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
12/11	R	JA323	I802	JS	33	W	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
12/11	R	JA489	I803	JS	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
12/11	R	JA336	I804	JS	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
12/11	R	JA331	I805	JS	33	A	05	48"X22"	NO	30'	30'SB	1-1/2"	N L	1/2"	1-1/4"
12/11	R	JA324	I806	JS	33	A	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
01/23	R	JA131	I 14	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
01/23	R	JA360	I 15	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
01/24	R	JA535	I 16	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
01/24	R	JA499	I 17	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
01/24	R	JA330	I 18	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
01/24	R	JA327	I 19	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
01/24	R	JA531	I 20	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
01/24	R	JA489	I 21	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
01/24	R	JA487	I 22	PA	33	A	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
01/24	R	JA319	I 23	PA	33	A	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
01/24	R	JA480	I 24	PA	33	A	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
01/24	R	JA478	I 25	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
01/24	R	JA475	I 26	PA	33	A	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
01/24	R	JA466	I 27	PA	33	A	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
01/24	R	JA527	I 28	PA	33	A	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
02/20	R	JA902	I 56	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
02/20	R	JA511	I 57	PA	33	A	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
02/20	R	JA431	I 58	PA	33	A	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
02/21	R	JA349	I 59	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
02/21	R	JA343	I 60	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
02/21	R	JA339	I 61	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
02/21	R	JA494	I 62	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
02/21	R	JA541	I 63	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
02/21	R	JA489	I 64	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
02/21	R	JA481	I 65	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
02/21	R	JA314	I 66	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
02/21	R	JA473	I 67	PA	33	A	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
02/21	R	JA468	I 68	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
02/21	R	JA527	I 69	PA	33	A	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
02/21	R	JA456	I 70	PA	33	A	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
03/10	R	JA511	I 96	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
03/10	R	JA425	I 97	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
03/10	R	JA525	I 98	PA	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
03/10	R	JA529	I 99	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
03/10	R	JA478	I100	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
03/10	R	JA303	I101	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
03/11	R	JA348	I102	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
03/11	R	JA345	I103	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
03/11	R	JA335	I104	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
03/11	R	JA495	I105	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
03/11	R	JA532	I106	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
03/11	R	JA485	I107	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
03/11	R	JA482	I108	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
03/11	R	JA480	I109	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2'	N L	1/2'	1 1/4"
03/11	R	JA313	I110	PA	33	W	05	48'X22'	NO	30'	30'SB	1-1/2"	N L	1/4"	1 1/4"
05/08	F	JA001	I188	JS	00	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
05/08	F	JA001	I189	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
05/08	F	JA005	I190	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
05/08	F	JA005	I191	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
05/08	F	JA013	I192	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
05/08	F	JA013	I193	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
05/08	F	JA017	I194	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
05/08	F	JA017	I195	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
05/08	F	JA023	I196	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
05/08	F	JA023	I197	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
05/08	F	JA027	I198	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
05/08	F	JA027	I199	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
06/05	F	JA001	I228	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
06/05	F	JA001	I229	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
06/06	F	JA005	I230	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
06/06	F	JA005	I231	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
06/06	F	JA013	I232	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
06/06	F	JA013	I233	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
06/06	F	JA017	I234	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
06/06	F	JA017	I235	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
06/06	F	JA024	I236	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
06/06	F	JA024	I237	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
06/06	F	JA027	I238	JS	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
06/06	F	JA027	I239	JS	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	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	
07/02	F	JA001	I252	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
07/02	F	JA001	I253	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
07/02	F	JA005	I254	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
07/02	F	JA005	I255	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
07/02	F	JA013	I256	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
07/02	F	JA013	I257	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
07/02	F	JA017	I258	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
07/02	F	JA017	I259	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
07/02	F	JA024	I260	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
07/02	F	JA024	I261	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
07/02	F	JA027	I262	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
07/02	F	JA027	I263	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
08/08	F	JA001	I339	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
08/08	F	JA001	I340	PA	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
08/08	F	JA005	I341	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
08/08	F	JA005	I342	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
08/08	F	JA013	I343	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
08/08	F	JA013	I344	PA	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
08/08	F	JA017	I345	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
08/08	F	JA017	I346	PA	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
08/08	F	JA024	I347	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
08/08	F	JA024	I348	PA	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
08/08	F	JA027	I349	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
08/08	F	JA027	I350	PA	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
00/05	F	JA001	I378	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
09/05	F	JA001	I379	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
09/05	F	JA005	I380	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
09/05	F	JA005	I381	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
09/05	F	JA013	I382	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
09/05	F	JA013	I383	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
09/05	F	JA017	I384	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
09/05	F	JA018	I385	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
09/05	F	JA024	I386	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
09/05	F	JA024	I387	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
09/05	F	JA027	I388	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	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	
10/08	F	JA040	I445	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
10/08	F	JA027	I447	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
10/08	F	JA027	I448	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
10/08	F	JA024	I449	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
10/08	F	JA024	I450	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
10/08	F	JA017	I451	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
10/08	F	JA017	I452	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
10/08	F	JA013	I453	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
10/08	F	JA013	I454	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
10/08	F	JA005	I455	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
10/08	F	JA001	I456	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
10/08	F	JA001	I457	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
11/13	F	JA001	I500	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
11/13	F	JA001	I501	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
11/13	F	JA005	I502	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
11/13	F	JA013	I503	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
11/13	F	JA013	I504	PA	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
11/13	F	JA017	I505	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
11/13	F	JA017	I506	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
11/13	F	JA024	I507	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
11/13	F	JA024	I508	PA	70	A	03	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
11/13	F	JA027	I509	PA	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
11/13	F	JA027	I510	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
11/13	F	JA040	I511	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
12/09	R	JA513	I554	PA	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
12/09	R	JA518	I555	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
12/09	R	JA452	I556	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
12/09	R	JA524	I557	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
12/09	R	JA526	I558	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
12/09	R	JA470	I559	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
12/09	R	JA475	I560	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
12/09	R	JA481	I561	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
12/09	R	JA487	I562	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1 1/4"
12/09	R	JA531	I563	PA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	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
12/09	R	JA534	I564	PA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
12/09	R	JA327	I565	PA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
12/09	R	JA496	I566	PA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
12/09	R	JA344	I567	PA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
12/09	R	JA498	I568	PA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
12/09	R	JA535	I569	PA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1 1/4"
12/09	R	JA130	I570	PA	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	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	LG'T	TYPE	MESH	TYP	MESH	MESH	
01/26	R	JA522	I 23	JS	70	W	03	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
01/26	R	JA440	I 24	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
01/26	R	JA447	I 25	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
01/26	R	JA450	I 26	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
01/26	R	JA455	I 27	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
01/27	R	JA469	I 28	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
01/28	R	JA315	I 29	JS	70	A	95	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
01/28	R	JA323	I 30	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
01/28	R	JA482	I 31	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
01/28	R	JA531	I 32	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
01/28	R	JA325	I 33	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
01/28	R	JA494	I 34	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
01/28	R	JA343	I 35	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
01/28	R	JA499	I 36	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
01/29	R	JA025	I 40	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
01/29	R	JA127	I 41	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
01/29	R	JA129	I 42	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/17	R	JA520	I 54	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/17	R	JA479	I 55	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/17	R	JA439	I 56	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/17	R	JA528	I 57	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/17	R	JA471	I 58	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/17	R	JA234	I 60	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/17	R	JA525	I 61	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/18	R	JA480	I 62	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/18	R	JA486	I 63	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/18	R	JA534	I 64	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/18	R	JA328	I 65	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/18	R	JA339	I 66	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/18	R	JA344	I 67	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/18	R	JA498	I 68	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/18	R	JA538	I 69	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/18	R	JA359	I 70	JS	70	W	02	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	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

03/24	R	JA361	I110	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/24	R	JA359	I111	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/24	R	JA538	I112	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/24	R	JA342	I113	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/24	R	JA338	I114	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/24	R	JA496	I115	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/24	R	JA532	I116	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/24	R	JA531	I117	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/25	R	JA482	I118	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/25	R	JA307	I119	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/25	R	JA304	I120	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/25	R	JA470	I121	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"

05/18	F	JA000	I174	JA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/18	F	JA001	I175	JA	70	W	01	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/18	F	JA005	I176	JA	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/18	F	JA005	I177	JA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/18	F	JA013	I178	JA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/18	F	JA013	I179	JA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/18	F	JA023	I180	JA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/18	F	JA023	I181	JA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/18	F	JA027	I182	JA	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/18	F	JA027	I183	JA	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/18	F	JA017	I184	JA	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/18	F	JA017	I185	JA	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"

06/05	F	JA001	I211	SJ	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/05	F	JA001	I212	SJ	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/05	F	JA005	I213	SJ	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/05	F	JA005	I214	SJ	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/05	F	JA013	I215	SJ	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/05	F	JA013	I216	SJ	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/05	F	JA017	I217	SJ	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/05	F	JA017	I218	SJ	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/05	F	JA023	I219	SJ	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/05	F	JA023	I220	SJ	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/05	F	JA027	I221	SJ	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/05	F	JA027	I222	SJ	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	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	F	JA001	I286	03	73	W	55	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/08	F	JA001	I287	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/08	F	JA005	I288	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/08	F	JA005	I289	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/08	F	JA013	I290	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/08	F	JA013	I291	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/08	F	JA017	I292	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/08	F	JA017	I293	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/08	F	JA024	I294	03	70	A	06	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/08	F	JA024	I295	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/08	F	JA027	I296	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/08	F	JA027	I297	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/05	F	JA017	I316	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/05	F	JA017	I317	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/05	F	JA024	I318	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/05	F	JA027	I320	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/05	F	JA027	I321	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/06	F	JA001	I310	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/06	F	JA001	I311	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/06	F	JA005	I312	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/06	F	JA005	I313	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/06	F	JA013	I314	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/06	F	JA013	I315	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/06	F	JA024	I319	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/18	F	JA024	I350	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/18	F	JA027	I351	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/18	F	JA024	I352	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/18	F	JA024	I353	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/18	F	JA017	I354	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/18	F	JA017	I355	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/18	F	JA013	I356	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/18	F	JA013	I357	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/18	F	JA005	I358	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/18	F	JA005	I359	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/18	F	JA001	I360	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/18	F	JA001	I361	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	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
10/26	F	JA001	I393	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
10/26	F	JA001	I394	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
10/26	F	JA005	I395	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
10/26	F	JA005	I396	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
10/26	F	JA013	I397	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
10/26	F	JA013	I398	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
10/26	F	JA017	I399	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
10/26	F	JA017	I400	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
10/26	F	JA024	I401	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
10/26	F	JA024	I402	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
10/26	F	JA027	I403	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
10/26	F	JA027	I404	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/16	F	JA001	I431	03	70	W	02	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/16	F	JA001	I432	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/16	F	JA005	I433	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/16	F	JA005	I434	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/16	F	JA013	I435	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/16	F	JA013	I436	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/16	F	JA017	I437	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/16	F	JA017	I438	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/16	F	JA024	I439	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/16	F	JA024	I440	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/16	F	JA027	I441	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/16	F	JA027	I442	03	70	A	05	54"X25"	YES	60'	30'SB	1 1/2"	N L	1/4"	1-1/4"
12/22	R	JA522	I479	JS	70	W	05	54"X25"	YES	60'	30'SB	1 1/2"	N L	1/4"	1-1/4"
12/22	R	JA523	I480	JS	70	W	05	54"X25"	YES	60'	30'SB	1 1/2"	N L	1/4"	1-1/4"
12/22	R	JA448	I481	JS	70	W	05	54"X25"	YES	60'	30'SB	1 1/2"	N L	1/4"	1-1/4"
12/22	R	JA524	I482	JS	70	W	05	54"X25"	YES	60'	30'SB	1 1/2"	N L	1/4"	1-1/4"
12/22	R	JA462	I483	JS	70	W	05	54"X25"	YES	60'	30'SB	1 1/2"	N L	1/4"	1-1/4"
12/22	R	JA470	I484	JS	70	W	05	54"X25"	YES	60'	30'SB	1 1/2"	N L	1/4"	1-1/4"
12/22	R	JA474	I485	JS	70	W	05	54"X25"	YES	60'	30'SB	1 1/2"	N L	1/4"	1-1/4"
12/22	R	JA477	I486	JS	70	W	05	54"X25"	YES	60'	30'SB	1 1/2"	N L	1/4"	1-1/4"
12/22	R	JA531	I487	JS	70	W	05	54"X25"	YES	60'	30'SB	1 1/2"	N L	1/4"	1-1/4"
12/22	R	JA533	I488	JS	70	W	05	54"X25"	YES	60'	30'SB	1 1/2"	N L	1/4"	1-1/4"
12/22	R	JA494	I489	JS	70	W	05	54"X25"	YES	60'	30'SB	1 1/2"	N L	1/4"	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

12/22	R	JA335	I490	JS	70	W	05	54"X25"	YES	60'	30'	SB	1 1/2"	N L	1-1/4"
12/22	R	JA497	I491	JS	70	W	05	54"X25"	YES	60'	30'	SB	1 1/2"	N L	1-1/4"
12/22	R	JA500	I492	JS	70	W	05	54"X25"	YES	60'	30'	SB	1 1/2"	N L	1-1/4"
12/22	R	JA501	I493	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	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	
02/02	R	JA517	I	12	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/02	R	JA454	I	13	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/02	R	JA456	I	14	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/02	R	JA529	I	15	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/02	R	JA468	I	16	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/02	R	JA474	I	17	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/02	R	JA478	I	18	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/02	R	JA486	I	19	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/02	R	JA531	I	20	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/02	R	JA534	I	21	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/02	R	JA326	I	22	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/02	R	JA495	I	23	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/02	R	JA336	I	24	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/02	R	JA345	I	25	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/02	R	JA539	I	26	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
02/02	R	JA361	I	27	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/02	R	JA357	I	79	JS	70	A 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/02	R	JA501	I	80	JS	70	A 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/02	R	JA348	I	81	JS	70	A 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/02	R	JA333	I	82	JS	70	A 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/02	R	JA327	I	83	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/02	R	JA533	I	84	JS	70	A 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/02	R	JA491	I	85	JS	70	A 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/02	R	JA487	I	86	JS	70	A 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/02	R	JA481	I	87	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/02	R	JA478	I	88	JS	70	W 10	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/02	R	JA470	I	89	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/04	R	JA461	I	90	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/04	R	JA524	I	91	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/04	R	JA448	I	92	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
03/04	R	JA434	I	93	JS	70	W 05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	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	
04/20	R	JA523	I159	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
04/20	R	JA446	I160	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
04/20	R	JA452	I161	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
04/20	R	JA454	I162	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
04/20	R	JA528	I163	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
04/20	R	JA468	I164	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
04/20	R	JA478	I165	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
04/20	R	JA487	I166	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
04/20	R	JA484	I167	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
04/20	R	JA532	I168	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
04/20	R	JA534	I169	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
04/20	R	JA325	I170	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
04/20	R	JA339	I171	JS	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
04/20	R	JA343	I172	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
04/20	R	JA498	I173	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
04/20	R	JA539	I174	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
04/20	R	JA129	I175	JS	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/12	F	JA027	I244	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/12	F	JA027	I245	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/12	F	JA024	I246	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/12	F	JA024	I247	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/12	F	JA017	I248	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/12	F	JA013	I249	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/12	F	JA013	I250	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/12	F	JA005	I251	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/12	F	JA005	I252	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/12	F	JA001	I253	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/12	F	JA001	I254	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/09	F	JA027	I283	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/09	F	JA027	I284	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/09	F	JA024	I285	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/09	F	JA024	I286	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/09	F	JA017	I287	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/09	F	JA017	I288	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/09	F	JA013	I289	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	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	JA013	I290	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/09	F	JA005	I291	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/09	F	JA005	I292	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/09	F	JA001	I293	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/09	F	JA001	I294	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA027	I323	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA027	I324	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA024	I325	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA024	I326	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA017	I327	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA017	I328	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA013	I329	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA013	I330	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA005	I331	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA005	I332	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA001	I333	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA001	I334	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/17	F	JA027	I380	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/17	F	JA027	I381	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/17	F	JA024	I382	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/17	F	JA024	I383	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/17	F	JA017	I384	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/17	F	JA017	I385	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/17	F	JA013	I386	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/17	F	JA013	I387	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/17	F	JA005	I388	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/17	F	JA005	I389	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/17	F	JA001	I390	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/17	F	JA001	I391	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/15	F	JA001	I435	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/15	F	JA001	I436	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/15	F	JA013	I437	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/15	F	JA013	I438	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/15	F	JA024	I439	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	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	
09/15	F	JA024	I440	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/15	F	JA027	I441	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/15	F	JA027	I442	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/15	F	JA017	I443	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/15	F	JA017	I444	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/15	F	JA005	I445	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/15	F	JA005	I446	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/15	F	JA001	I514	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/15	F	JA001	I515	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/15	F	JA013	I516	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/15	F	JA013	I517	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/27	F	JA001	I518	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/27	F	JA001	I519	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/27	F	JA005	I520	03	70	W	03	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/27	F	JA005	I521	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/27	F	JA017	I523	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/27	F	JA024	I524	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/27	F	JA024	I525	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/27	F	JA027	I526	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/27	F	JA027	I527	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/27	F	JA017	I522	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
11/19	F	JA001	I563	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
11/19	F	JA001	I564	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
11/22	F	JA017	I565	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
11/22	F	JA017	I566	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
11/22	F	JA024	I567	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
11/22	F	JA024	I568	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
11/22	F	JA024	I569	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
11/22	F	JA027	I570	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
11/23	F	JA013	I571	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
11/23	F	JA013	I572	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
11/23	F	JA005	I574	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
11/23	F	JA005	I575	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
12/10	R	JA516	I600	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
12/10	R	JA454	I601	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
12/10	R	JA530	I602	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	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
12/10	R	JA475	I603	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4" 1-1/4"
12/10	R	JA478	I604	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4" 1-1/4"
12/10	R	JA478	I605	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4" 1-1/4"
12/10	R	JA489	I606	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4" 1-1/4"
12/10	R	JA320	I607	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4" 1-1/4"
12/10	R	JA496	I608	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4" 1-1/4"
12/10	R	JA525	I609	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4" 1-1/4"
12/10	R	JA525	I610	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4" 1-1/4"
12/10	R	JA518	I611	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4" 1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1983
 -LISTING BY F.J. WOJCIK MARCH, 1986
 FOR DATA SET (AFISH83.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
02/16	R	JA517	I 67	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
02/16	R	JA520	I 68	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
02/16	R	JA263	I 69	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
02/16	R	JA527	I 70	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
02/16	R	JA529	I 71	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
02/16	R	JA474	I 72	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
02/16	R	JA479	I 73	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
02/16	R	JA531	I 74	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
02/16	R	JA533	I 75	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
02/16	R	JA327	I 76	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
02/16	R	JA496	I 77	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
05/24	F	JA001	I144	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
05/24	F	JA001	I145	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
05/24	F	JA005	I146	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
05/24	F	JA005	I147	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
05/24	F	JA013	I148	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
05/24	F	JA013	I149	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
05/24	F	JA017	I150	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
05/24	F	JA027	I151	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
05/24	F	JA027	I152	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
05/24	F	JA024	I153	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
05/24	F	JA024	I154	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
05/24	F	JA017	I155	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
05/24	F	JA017	I156	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
06/17	F	JA001	I169	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
06/17	F	JA001	I170	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
06/17	F	JA005	I171	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
06/17	F	JA005	I172	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
06/17	F	JA013	I173	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
06/17	F	JA013	I174	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	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	
06/17	F	JA017	I175	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/17	F	JA017	I176	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/17	F	JA024	I177	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/17	F	JA024	I178	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/17	F	JA027	I179	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/17	F	JA027	I180	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA001	I223	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA001	I224	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA005	I225	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA005	I226	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA013	I227	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA013	I228	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA017	I229	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA017	I230	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA024	I231	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA024	I232	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA027	I233	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/14	F	JA027	I234	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/12	F	JA001	I235	03	70	W	03	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/12	F	JA001	I236	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/12	F	JA005	I237	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/12	F	JA005	I238	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/12	F	JA013	I239	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/12	F	JA013	I240	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/12	F	JA017	I241	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/12	F	JA017	I242	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/12	F	JA024	I243	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/12	F	JA024	I244	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/12	F	JA027	I245	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/12	F	JA027	I246	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/19	F	JA001	I300	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/19	F	JA001	I301	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/19	F	JA005	I302	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	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
09/19	F	JA005	I303	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
09/19	F	JA013	I304	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
09/19	F	JA013	I305	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
09/19	F	JA017	I306	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
09/19	F	JA017	I307	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
09/19	F	JA024	I308	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
09/19	F	JA024	I309	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
09/19	F	JA027	I310	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
09/19	F	JA027	I311	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
10/14	F	JA001	I338	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
10/14	F	JA001	I339	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
10/14	F	JA005	I340	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
10/14	F	JA013	I341	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
10/14	F	JA013	I342	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
10/14	F	JA017	I343	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
10/14	F	JA024	I344	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
10/14	F	JA024	I345	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
10/14	F	JA027	I346	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
10/14	F	JA027	I347	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/15	F	JA001	I377	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/15	F	JA001	I378	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/15	F	JA005	I379	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/15	F	JA005	I380	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/15	F	JA013	I381	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/15	F	JA013	I382	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/15	F	JA017	I383	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/15	F	JA017	I384	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/15	F	JA024	I385	03	70	A	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/15	F	JA024	I386	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/15	F	JA027	I387	03	70	W	05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
11/15	F	JA027	I388	03	70	A	05	54"X12"	YES	60'	30'SB	1-1/2"	N L	1/2"	1-1/4"

VIMS ICHTHYOLOGY TRAWL SURVEY -1984
 -LISTING BY F.J. WOJCIK MARCH, 1986
 FOR DATA SET (AFISH84.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	JA001	I	7	16	70	W 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
01/13	F	JA001	I	8	16	70	W 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
01/13	F	JA013	I	9	16	70	A 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
01/13	F	JA013	I	10	16	70	W 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
01/13	F	JA024	I	11	16	70	A 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
01/13	F	JA024	I	12	16	70	W 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
01/13	F	JA027	I	13	16	70	A 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
01/13	F	JA027	I	15	16	70	W 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
03/07	F	JA001	I	34	03	70	W 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
03/07	F	JA001	I	35	03	70	A 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
03/07	F	JA005	I	36	03	70	W 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
03/07	F	JA013	I	37	03	70	A 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
03/07	F	JA017	I	38	03	70	W 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
03/07	F	JA024	I	39	03	70	W 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
03/07	F	JA024	I	40	03	70	A 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
03/07	F	JA027	I	41	03	70	W 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
03/07	F	JA027	I	42	03	70	A 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
03/07	F	JA030	I	43	03	70	W 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
03/07	F	JA035	I	44	03	70	W 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
03/07	F	JAG01	I	45	03	70	W 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
04/10	F	JA001	I	71	03	70	W 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
04/10	F	JA005	I	72	03	70	A 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
04/10	F	JA013	I	73	03	70	A 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
04/10	F	JA017	I	74	03	70	A 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
04/10	F	JA024	I	75	03	70	A 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
04/10	F	JA027	I	76	03	70	A 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
04/10	F	JA027	I	77	03	70	W 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
04/10	F	JA035	I	78	03	70	A 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
04/10	F	JA035	I	79	03	70	W 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	1-1/4"
04/10	F	JA040	I	80	03	70	A 05	54"X25"	YES	60'	30'SB	1-1/2"	N L	1/4"	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	
05/21	F	JA001	I142	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/21	F	JA005	I143	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/21	F	JA013	I144	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/21	F	JA013	I145	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/21	F	JA017	I146	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/21	F	JA017	I147	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/21	F	JA024	I148	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/21	F	JA024	I149	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/21	F	JA027	I150	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/21	F	JA027	I151	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/21	F	JA035	I152	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/21	F	JA040	I153	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
05/21	F	JAC01	I154	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/08	F	JA001	I191	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/08	F	JA005	I192	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/08	F	JA013	I193	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/08	F	JA013	I194	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/08	F	JA017	I195	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/08	F	JA024	I196	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/08	F	JA024	I197	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/08	F	JA027	I198	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/08	F	JA027	I199	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/08	F	JA035	I200	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/08	F	JA040	I201	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
06/08	F	JAC01	I202	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/12	F	JA001	I234	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/12	F	JA005	I235	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/12	F	JA013	I236	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/12	F	JA013	I237	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/12	F	JA017	I238	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/12	F	JA024	I239	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/12	F	JA024	I240	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/12	F	JA027	I241	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/12	F	JA027	I242	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/12	F	JA035	I243	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/12	F	JA040	I244	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
07/12	F	JAC01	I245	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	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	
08/10	F	JA001	I265	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/10	F	JA005	I266	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/10	F	JA013	I267	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/10	F	JA013	I268	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/10	F	JA017	I269	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/10	F	JA024	I270	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/10	F	JA024	I271	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/10	F	JA027	I272	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
08/10	F	JA027	I273	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/17	F	JA001	I321	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/17	F	JA005	I322	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/17	F	JA013	I323	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/17	F	JA013	I324	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/17	F	JA017	I325	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/17	F	JA024	I326	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/17	F	JA024	I327	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/17	F	JA027	I328	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/17	F	JA027	I329	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/17	F	JA035	I330	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
09/17	F	JA040	I331	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/19	F	JA001	I370	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/19	F	JA005	I371	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/19	F	JA013	I372	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/19	F	JA013	I373	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/19	F	JA017	I374	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/19	F	JA017	I375	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/19	F	JA024	I376	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/19	F	JA024	I377	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/19	F	JA027	I378	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/19	F	JA027	I379	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/19	F	JA035	I380	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
10/19	F	JA040	I381	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	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

11/12	F	JA001	I394	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
11/12	F	JA005	I395	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
11/12	F	JA013	I396	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
11/12	F	JA013	I397	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
11/12	F	JA017	I398	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
11/12	F	JA024	I399	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
11/12	F	JA024	I400	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
11/12	F	JA027	I401	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
11/12	F	JA027	I402	03	70	A	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
11/12	F	JA035	I403	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"
11/12	F	JA040	I404	03	70	W	05	54"X25"	YES	60'	30'	SB	1-1/2"	N L	1/4"	1-1/4"

APPENDIX A

VESSEL CODES USED IN THE VIMS TRAWL SURVEY

Alpha Code	Numeric Code	Vessel Name	OAL	Hull	Type
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	Captain 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	Capt John Smith (New)	42'	FGlass	Launch *

* Code 18 refers to Capt. John Smith 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, 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 cable 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; however.

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 meager. 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 --NORMAL FIVE MILE FIXED JAMES RIVER STATIONS,
 --WITH RANGE OF LATITUDES AND LONGITUDES

SAMPLE SITES	LOCATED BETWEEN LATITUDES AND LONGITUDES			
JA00	Between	36° 58.0'	76° 21.0'	and 37° 03.0' 76° 17.0'
JA05	Between	36° 53.0'	76° 27.0'	and 37° 00.0' 76° 22.0'
JA10	Between	36° 55.0'	76° 28.0'	and 37° 02.0' 76° 31.0'
JA15	Between	37° 00.0'	76° 32.0'	and 37° 05.0' 76° 38.0'
JA20	Between	37° 03.0'	76° 39.0'	and 37° 08.0' 76° 40.0'
JA25	Between	37° 09.0'	76° 41.0'	and 37° 13.0' 76° 44.0'
JA30	Between	37° 09.0'	76° 50.0'	and 37° 14.0' 76° 45.0'
JA35	Between	37° 10.0'	76° 51.0'	and 37° 14.0' 76° 55.0'
JA40	Between	37° 12.0'	76° 59.0'	and 37° 15.0' 76° 56.0'
JA45	Between	37° 12.0'	77° 00.0'	and 37° 17.0' 77° 03.0'
JA50	Between	37° 15.0'	77° 07.0'	and 37° 18.0' 77° 04.0'
JA55	Between	37° 15.0'	77° 07.0'	and 37° 19.0' 77° 14.0'
JA60	Between	37° 17.0'	77° 15.0'	and 37° 19.0' 77° 16.0'
JA65	Between	37° 18.0'	77° 17.0'	and 37° 21.0' 77° 21.0'
JA70	Between	37° 21.0'	77° 22.0'	and 37° 24.0' 77° 24.0'
JA75	Between	37° 22.0'	77° 25.0'	and 37° 26.0' 77° 30.0'
JA80	Between	37° 25.0'	77° 24.0'	and 37° 30.0' 77° 27.0'

APPENDIX E -FIXED JAMES RIVER STATIONS BY RIVER MILE (1964-1974)

SAMPLE SITE	LAT	LONG	SAMPLE SITE	LAT	LONG
JA00	37000	76180	JA33	37109	76452
JA00*	36596	76181	JA34	37113	76463
JA01	36596	76196	JA35	37122	36470
JA02	36590	76200	JA36	37130	76500
JA03	36575	76209	JA37	NOT USED	
JA04	36575	76222	JA38	37131	76503
JA05	36570	76240	JA38*	37133	76478
JA05*	36573	76234	JA39	37130	76516
JA06	36565	76257	JA40	37129	76527
JA07	NOT USED		JA41	37128	76539
JA08	36582	76268	JA42	37140	76570
JA09	36592	76272	JA43	37137	76562
JA10	37000	76279	JA44	37142	76573
JA11	37006	76291	JA45	37147	76583
JA12	NOT USED		JA46	37152	76590
JA13	37010	76310	JA47	37160	76590
JA13*	37015	76312	JA48	37175	76595
JA14	37021	76322	JA49	37182	77001
JA15	37027	76331	JA50	37182	77012
JA16	37032	76341	JA51	37175	77023
JA17	37030	76350	JA52	NOT USED	
JA18	37040	76361	JA53	37162	77040
JA19	37050	76370	JA54	37167	77049
JA19*	37049	76366	JA55	37176	77048
JA20	37058	76373	JA56	37186	77052
JA21	37067	76380	JA57	37190	77060
JA22	37070	76390	JA58	37182	77074
JA23	37086	76386	JA59	37182	77085
JA24	37100	76390	JA60	37183	77099
JA24*	37096	76385	JA61	37185	77111
JA25	37105	76379	JA62	NOT USED	
JA26	37115	76382	JA63	37189	77136
JA27	37120	76410	JA64	37184	77146
JA28	37128	76400	JA65	37185	77159
JA29	37125	76412	JA66	37193	77166
JA30	37121	76422	JA67	NOT USED	
JA31	37116	76434	JA68	37211	77165
JA32	37120	76460	JA69	37213	77176

* STATION NUMBER USED AT MORE THAN ONE LOCATION

SAMPLE SITE	LAT	LONG	SAMPLE SITE	LAT	LONG
JA70	37219	77185	JA76	37246	77237
JA71	37227	77191	JA77	NOT USED	
JA72	NOT USED		JA78	37254	77258
JA73	37226	77216	JA79	37262	77254
JA74	37238	77230	JA80	37271	77251
JA75	37238	77236			

APPENDIX F -LATITUDES AND LONGITUDES OF FIXED STATIONS OF
THE TURKEY ISLAND (JTI), AND JONES NECK (JJN) OXBOWS.
DATA FOR 1974-1975

TURKEY ISLAND OXBOW

DATA FOR 1974

STATION NUMBER	LAT	LONG
JTI00	37206	77160
JTI01	37216	77149
JTI02	NOT USED	
JTI03	37228	77148

DATA FOR 1975

STATION NUMBER	LAT	LONG
JTI01	37211	77153
JTI02	37219	77146
JTI03	37227	77153
JTI04	37217	77160

JONES NECK OXBOW

DATA FOR 1974

JJNO00	37224	77186
JJNO01	37235	77178
JJNO02	NOT USED	
JJNO03	37244	77184

APPENDIX G -SPECIAL 1974 AND 1975 RANDOM STATIONS
 LABELED CBJA

	<u>1974</u>		<u>1975</u>	
STATION NUMBER	LAT	LONG	LAT	LONG
CBJA01	NOT USED		36572	76195
CBJA02	36587	76194	36587	76194
CBJA03	36582	76262	36560	76213
CBJA04	37009	76296	36565	76220
CBJA05	37009	76296	36582	76223
CBJA06	37018	76315	36576	76229
CBJA07	37021	76335	36573	76229
CBJA08	37023	76332	36554	76256
CBJA09	36594	76272	36567	76625
CBJA10	36586	76272	NOT USED	
CBJA11	36528	76269	36577	76268
CBJA12	36583	76196	36582	76262
CBJA13	36592	76194	36598	76275
CBJA14	36587	76203	37001	76291
CBJA15	36582	76221	37013	76308
CBJA16	36576	76227	37022	76330
CBJA17	NOT USED		37027	76328
CBJA18			37031	76351
CBJA19			37027	76363
CBJA20			37043	76356
CBJA21			37040	76394
CBJA22			37046	76388
CBJA23			37055	76385
CBJA24			37064	76375
CBJA25			37076	76385
CBJA26			37088	76384
CBJA27			37110	76388
CBJA28			37111	76381
CBJA29			37120	76393
CBJA30			37124	76415
CBJA31			37124	76422
CBJA32			37105	76456
CBJA33			37113	76461
CBJA34			37120	76466
CBJA35			37127	76472
CBJA36			37129	76515
CBJA37			37133	76518

APPENDIX H -SPECIAL 1975 AND 1976 JAMES RANDOM STATIONS,
WITH RIVER MILES AND BLOCKS

SAMPLE SITE	<u>1975</u>		<u>1976</u>	
	LAT	LONG	LAT	LONG
JA00	36597	76187	NOT USED	
JA003	NOT USED		36595	76191
JA012	36592	76198	36591	76200
JA022	36585	76205	NOT USED	
JA031	NOT USED		76575	76212
JA033	NOT USED		36574	76219
JA041	36574	76223	NOT USED	
JA04S	NOT USED		36581	76220
JA05	36573	76233	NOT USED	
JA053	NOT USED		36572	76243
JA063	36575	76254	NOT USED	
JA07	NOT USED		36576	76256
JA072	NOT USED		36580	76260
JA07S	NOT USED		36577	76277
JA082	36588	76267	NOT USED	
JA083	36591	76269	36591	76266
JA093	36593	76281	NOT USED	
JA101	37003	76281	37003	76284
JA112	37008	76295	NOT USED	
JA113	NOT USED		37010	76301
JA122	NOT USED		37014	76309
JA132	37010	76295	NOT USED	
JA141	NOT USED		37025	76326
JA143	37026	76334	NOT USED	
JA14S	NOT USED		37022	76335
JA15	NOT USED		NOT USED	
JA16	37028	76346	37031	76342
JA162	NOT USED		37031	76348
JA17	37031	76356	NOT USED	
JA172	NOT USED		37043	76357
JA181	37047	76365	NOT USED	

SAMPLE SITE	LAT	LONG	LAT	LONG
JA191	37055	76370	NOT USED	
JA193	37066	76379	NOT USED	
JA19S	NOT USED		37048	76366
JA192S	NOT USED		37048	76366
JA201	37066	76379	NOT USED	
JA203	NOT USED		37066	76377
JA213	37080	76386	37073	76382
JA223	NOT USED		37082	76383
JA231	37092	76382	NOT USED	
JA233	37097	76380	37073	76382
JA24S	NOT USED		37092	76396
JA25	NOT USED		NOT USED	
JA26	37118	76386	37123	76417
JA261	37120	76387	NOT USED	
JA263	NOT USED		37120	76388
JA272	NOT USED		37125	76394
JA28	37126	76407	NOT USED	
JA28S	NOT USED		37123	76398
JA292	NOT USED		37123	76417
JA293	37120	76462	NOT USED	
JA30	37119	76429	NOT USED	
JA301	NOT USED		37120	76426
JA311	37111	76440	NOT USED	
JA32	NOT USED		37109	76444
JA323	37112	76459	NOT USED	
JA332	NOT USED		37113	76459
JA333	37120	76466	NOT USED	
JA342	NOT USED		37121	76466
JA351	NOT USED		37126	76472
JA353	37132	76458	NOT USED	
JA363	NOT USED		37132	76489
JA37	37131	76500	NOT USED	
JA372	37131	76506	NOT USED	
JA382	NOT USED		37130	76510
JA383	76129	76522	NOT USED	

SAMPLE SITE	LAT	LONG	LAT	LONG
JA39	NOT USED		NOT USED	
JA401	37127	76541	NOT USED	
JA41	NOT USED		37127	76542
JA412	37136	76554	NOT USED	
JA421	NOT USED		37134	76555
JA422	NOT USED		37135	76558
JA432	37143	76567	NOT USED	
JA44	NOT USED		37143	76574
JA443	37144	76579	NOT USED	
JA453	NOT USED		37155	76595
JA46	37163	76594	NOT USED	
JA462	37168	76594	37162	76592
JA472	37178	76595	NOT USED	
JA48	NOT USED		37176	76594
JA483	NOT USED		37183	77001
JA493	37178	77017	NOT USED	
JA502	37172	77023	NOT USED	
JA51	NOT USED		37172	77024
JA511	37166	77039	NOT USED	
JA513	NOT USED		37165	77029
JA523	NOT USED		37167	77047
JA532	37169	77049	NOT USED	
JA533	NOT USED		37186	77052
JA543	37183	77050	NOT USED	
JA552	37187	77058	NOT USED	
JA56	NOT USED		NOT USED	
JA571	37181	77050	37184	77068
JA572	NOT USED		37182	77071
JA58	37181	77084	NOT USED	
JA583	37182	77094	NOT USED	
JA591	NOT USED		37182	77092
JA601	37185	77113	NOT USED	
JA602	NOT USED		37183	77108
JA611	NOT USED		37187	77115
JA62	37191	77130	NOT USED	

SAMPLE SITE	LAT	LONG	LAT	LONG
JA622	NOT USED		37190	77131
JA633	37188	77138	NOT USED	
JA64	37187	77142	NOT USED	
JA643	NOT USED		37184	77167
JA65	37183	77153	NOT USED	
JA66	NOT USED		37193	77161
JA663	37195	77166	37184	77165
JA672	37202	77163	NOT USED	
JA673	NOT USED		37216	77163
JA683	NOT USED		37212	77174
JA691	37212	77173	NOT USED	
JA701	37215	77182	NOT USED	
JA703	NOT USED		37226	77189
JA713	37227	77190	NOT USED	
JA72	NOT USED		37227	77205
JA722	NOT USED		37277	77271
JA731	37227	77209	NOT USED	
JA74	37227	77218	NOT USED	
JA742	NOT USED		37234	77230
JA751	37231	77230	NOT USED	
JA752	NOT USED		37242	77245
JA76	NOT USED		NOT USED	
JA77	37245	77237	NOT USED	
JA771	NOT USED		37253	77246
JA772	NOT USED		37253	77249
JA78	37254	77241	NOT USED	
JA791	37255	77255	NOT USED	
JA792	NOT USED		37268	77252
JA80	NOT USED		37273	77251
JA801	37271	77251	NOT USED	
JA81	NOT USED		NOT USED	
JA821	37290	77253	NOT USED	

APPENDIX I -LATITUDES AND LONGITUDES OF RANDOM STATIONS AT
 TURKEY ISLAND (JTI), AND JONES NECK (JJN) OXBOWS FOR
 1976 DATA, AND BURWELL BAY (JBB), FOR 1975-1978

TURKEY ISLAND OXBOW, 1976

STATION NUMBER	LAT	LONG
JTI000	37200	77146
JTI001	37220	77146
JTI002	37227	77148

JONES NECK OXBOW, 1976

JJN003	37229	77180
JJN011	37234	77178
JJN002	NOT USED	
JJN031	37235	77186

BURWELL BAY

DATA FOR 1975

STATION NUMBER	LAT	LONG
JBB01	37030	76366
JBB02	37040	76394
JBB03	37054	76386
JBB04	NOT USED	
JBB05	NOT USED	
JBB06	NOT USED	

DATA FOR 1976

JBB01	36593	76281
JBB02	37040	76394
JBB03	37054	76386
JBB04	37029	76388
JBB05	37044	76398
JBB06	37055	76390

DATA FOR 1977

DATA FOR 1977

JBB01	37030	76366
JBB02	37040	76394
JBB03	37054	76386
JBB04	37297	76388
JBB05	37044	76398
JBB06	37055	76390

DATA FOR 1978

JBB01	36589	76376
JBB02	37040	76394
JBB03	37054	76386
JBB04	37025	76288
JBB05	37044	76398
JBB06	37055	76390

APPENDIX J -SPECIAL 1976 RANDOM STATIONS.
 JAMES RIVER SECTORS A TO W

STATION NUMBER	LAT	LONG	STATION NUMBER	LAT	LONG
JA014A	36580	76181	JA066E	36589	76269
JA016A	36589	76185	JA007F	36589	76197
JA018A	36582	76186	JA010F	36586	76206
JA045A	36592	76209	JA016F	26585	76263
JA064A	36598	76211	JA004G	37016	76281
JA074A	36580	76181	JA018G	37014	76293
JA079A	36589	76232	JA022G	37017	76297
JA086A	36580	76236	JA029G	37920	76300
JA090A	36549	76236	JA030G	37016	76300
JA137A	36558	76270	JA031G	37014	76300
JA147A	36564	76274	JA033G	36595	76300
JA149A	36557	76274	JA136G	37041	76339
JA151A	36551	76274	JA137G	37038	76339
JA152A	36548	76273	JA138G	37036	76339
JA175A	37570	76281	JA139G	37016	76338
JA192A	36564	76285	JA140G	37013	76338
JA199A	36591	76288	JA141G	27010	76338
JA201A	36585	76289	JA142G	37007	76338
JA202A	36582	76289	JA147G	37041	76342
JA217A	36576	76292	JA151G	37013	76342
JA010B	36552	76206	JA153G	37007	76342
JA015B	36586	76214	JA162G	37019	76346
JA028B	36555	76225	JA165G	37053	76350
JA054B	36567	76258	JA166G	37051	76350
JA060B	36567	76262	JA268G	37048	76392
JA068B	36582	76273	JA273G	37050	76395
JA010D	36587	76212	JA278G	37035	76399
JA013D	36565	76213	JA279G	37037	76395
JA024D	36565	76220	JA281G	37047	76398
JA055D	36565	76240	JA283G	37041	76399
JA058D	36573	76214	JA006H	36568	76206
JA062D	36561	76244	JA033H	37026	76357
JA075D	36576	76262	JA034H	37047	76362
JA011E	36573	76202	JA037H	37051	76366
JA019E	36548	76202	JA044H	37029	76396
JA021E	36542	76203	JA051H	37051	76385
JA029E	36558	76203	JA264H	37060	76392
JA038E	36576	76210	JA006I	37008	76242
JA060E	36579	76258	JA008I	37001	76293
JA064E	36583	76265	JA009I	37010	76296

STATION NUMBER	LAT	LONG	STATION NUMBER	LAT	LONG
JA013I	36565	76213	JA025M	37103	76445
JA021I	37019	76332	JA0100	37121	76388
JA008J	37013	76305	JA0200	37113	76400
JA018J	37972	76384	JA0220	37124	76404
JA019J	37069	76384	JA0390	37115	76434
JA002L	37103	76370	JA0420	37108	76449
JA005L	37106	76384	JA002P	37081	76384
JA006L	37132	76392	JA001Q	37090	76384
JA007L	37174	76373	JA002R	37112	76465
JA008L	37112	76374	JA003R	37110	76405
JA021L	37109	76377	JA006R	37115	76468
JA034L	37117	76381	JA009R	37130	76473
JA037L	37088	76433	JA010R	37127	76472
JA038L	37090	76389	JA025R	37118	76479
JA043L	37120	76385	JA027R	37139	76484
JA044L	37130	76388	JA042R	37134	76496
JA046L	37124	76388	JA049R	37124	76500
JA047L	37112	76388	JA050R	37143	76503
JA153L	37106	76437	JA019T	37133	76523
JA154L	37102	76437	JA020T	37121	76523
JA167L	37093	76441	JA009U	37135	76185
JA181L	37093	76448	JA011U	37124	76469
JA185L	37096	76453	JA020U	37130	76514
JA019M	37121	76411	JA003V	37112	76467
JA022M	37104	76439	JA001W	37124	76469

APPENDIX K -JAMES RIVER RANDOM STATIONS
BY COLOR STRATA

GREEN STRATUM (12'-19')

SAMPLE SITES	LATIT	LONGIT
GJA0001	365931	763008
GJA0002	365918	762025
GJA0003	365837	762121
GJA0004	365824	762143
GJA0005	365821	762200
GJA0006	365821	762217
GJA0007	365806	762217
GJA0008	365806	762236
GJA0009	365749	762314
GJA0010	365746	762424
GJA0011	365756	762415
GJA0012	365805	762404
GJA0013	365823	762352
GJA0014	365508	762037
GJA0015	365525	762037
GJA0016	365553	762034
GJA0017	365607	762033
GJA0018	365622	762030
GJA0019	365625	762044
GJA0020	365620	762104
GJA0021	365555	762141
GJA0022	365553	762200
GJA0023	365650	762255
GJA0024	365649	762315
GJA0025	365647	762333
GJA0026	365537	762333
GJA0027	365537	762353
GJA0028	365537	762410
GJA0029	365524	762428
GJA0030	365537	762428
GJA0031	365522	762448
GJA0032	365537	762448
GJA0033	365552	762448
GJA0034	365516	762507
GJA0035	365537	762507
GJA0036	365552	762507
GJA0037	365604	762507
GJA0038	365525	762523

GREEN STRATUM (12'-19')

SAMPLE SITES	LATIT	LONGIT
GJA0039	365534	762525
GJA0040	365537	762542
GJA0041	365523	762542
GJA0042	365521	762635
GJA0043	365520	762635
GJA0044	365520	762618
GJA0045	365509	762618
GJA0046	365509	762645
GJA0047	365624	762542
GJA0048	365622	762549
GJA0049	365655	762635
GJA0050	365723	762643
GJA0051	365737	762708
GJA0052	365751	762708
GJA0053	365833	762756
GJA0054	365857	762741
GJA0055	365917	762926
GJA0056	365951	762932
GJA0057	370010	763009
GJA0058	370023	763025
GJA0059	370037	763043
GJA0060	370037	763100
GJA0061	370053	763100
GJA0062	370053	763043
GJA0063	370110	763159
GJA0064	370221	763140
GJA0065	370123	763217
GJA0066	370155	763236
GJA0067	370210	763236
GJA0068	370233	763217
GJA0069	370140	763300
GJA0070	370210	763300
GJA0071	370224	763300
GJA0072	370252	763217
GJA0073	370124	763317
GJA0074	370147	763233
GJA0075	370137	763233
GJA0076	370147	763251

GREEN STRATUM (12'-19')

SAMPLE SITES	LATIT	LONGIT
GJA0077	370252	763251
GJA0078	370203	763413
GJA0079	370203	763432
GJA0080	370222	763448
GJA0081	370222	763512
GJA0082	370137	763547
GJA0083	370137	763690
GJA0084	370137	763627
GJA0085	370252	763647
GJA0086	370340	763512
GJA0087	370355	763512
GJA0088	370407	763532
GJA0089	370427	765550
GJA0090	370454	763842
GJA0091	370555	763708
GJA0092	370613	763722
GJA0093	370930	763900
GJA0094	370946	763900
GJA0095	371001	763900
GJA0096	371020	763900
GJA0097	371020	763841
GJA0098	371033	763900
GJA0099	371033	763841
GJA0100	371111	763822
GJA0101	371121	763822
GJA0102	371133	763841
GJA0103	371149	763900
GJA0104	371202	763918
GJA0105	371202	760934
GJA0106	371149	764207
GJA0107	371133	764222
GJA0108	371033	764402
GJA0109	371020	764402
GJA0110	371020	764418
GJA0111	371020	764517
GJA0112	371033	764535
GJA0113	371033	764454
GJA0114	371257	764816
GJA0115	371311	764832
GJA0116	371326	764850
GJA0117	371326	764915
GJA0118	371340	764932

GREEN STRATUM (12'-19')

SAMPLE SITES	LATIT	LONGIT
GJA0119	371347	765000
GJA0120	371254	765048
GJA0121	371242	765048
GJA0122	371254	765107
GJA0123	371332	765123
GJA0124	371332	765155
GJA0125	371332	765220
GJA0126	371312	765220
GJA0127	371332	765204
GJA0128	371312	765204
GJA0129	371332	765215
GJA0130	371312	765215
GJA0131	371332	765245
GJA0132	371242	765326
GJA0133	371254	765415
GJA0134	371254	765415
GJA0135	371254	765423
GJA0136	371312	765435
GJA0137	371447	765759
GJA0138	371510	765809
GJA0139	371510	765827
GJA0140	NOT USED	
GJA0141	NOT USED	
GJA0142	371530	765870
GJA0143	371648	770248
GJA0144	371630	770312
GJA0145	371612	770325
GJA0146	371806	770500
GJA0147	371806	770742
GJA0148	371806	770754
GJA0149	371824	770930
GJA0150	371824	770948
GJA0151	371824	771000
GJA0152	371824	771012
GJA0153	372102	771702
GJA0154	372316	772354
GJA0155	372330	772254
GJA0156	372732	772500
GJA0157	372748	772500
GJA0158	372806	772500
GJA0159	372810	772500
GJA0160	372824	772500

GREEN STRATUM (12'-19')

SAMPLE SITES	LATIT	LONGIT
GJA0161	372843	772500
GJA0162	372905	772500
GJA0163	372021	772500
GJA0164	372937	772500
GJA0165	372937	772525
GJA0166	372952	772506
GJA0167	372952	772254
GJA0168	373018	772506
GJA0169	373020	772506
GJA0170	373020	772447
GJA0171	373035	772447
GJA0172	373053	772447
GJA0173	373108	772447
GJA0174	373122	772506
GJA0175*	372100	771510

GREEN STRATUM (12'-19')

SAMPLE SITES	LATIT	LONGIT
GJA0176*	372100	771528
GJA0177*	372131	771528
GJA0178*	372202	771605
GJA0179**	372230	771817
GJA0180**	372247	771708
GJA0181**	372302	771708
GJA0182**	372318	771740
GJA0183**	372403	771835
GJA0184**	372347	771835
GJA0185***	372247	772124
GJA0186***	372302	772124
GJA0187***	372328	772200
GJA0188***	372302	772742
GJA0189***	372302	772206
GJA0190	NOT USED	
GJA0191	NOT USED	

* These stations are in the Turkey Island Oxbow

** These stations are in the Jones Neck Oxbow

*** These stations are in the Hatcher Island Oxbow

BLUE STRATUM (20'-29')

SAMPLE SITES	LATIT	LONGIT
BJA0192	365852	761855
BJA0193	365845	761907
BJA0194	365830	761925
BJA0195	365830	761925
BJA0196	365822	761932
BJA0197	365945	761930
BJA0198	365933	761950
BJA0199	365920	762008
BJA0200	365908	762027
BJA0201	365846	762100
BJA0202	365846	762100
BJA0203	365840	762109
BJA0204	365833	762121
BJA0205	365817	762140
BJA0206	365805	762200
BJA0207	365738	762200
BJA0208	365737	762217
BJA0209	365749	762217
BJA0210	365736	762236
BJA0211	365749	762236
BJA0212	365736	762256
BJA0213	365747	762256
BJA0214	365747	762314
BJA0215	365736	762333
BJA0216	365734	762353
BJA0217	365726	762410
BJA0218	365724	762428
BJA0219	365726	762446
BJA0220	365653	762044
BJA0221	365638	762104
BJA0222	365653	762121
BJA0223	365638	762121
BJA0224	365653	762141
BJA0225	365638	762141
BJA0226	365622	762141
BJA0227	365706	762200
BJA0228	365638	762200
BJA0229	365622	762200
BJA0230	365706	762217
BJA0231	365638	762217

BLUE STRATUM (20'-29')

SAMPLE SITES	LATIT	LONGIT
BJA0232	365622	762217
BJA0233	365607	762217
BJA0234	365706	762237
BJA0235	365638	762237
BJA0236	365622	762237
BJA0237	365706	762256
BJA0238	365636	762256
BJA0239	365622	762256
BJA0240	365607	762256
BJA0241	365555	762256
BJA0242	365706	762315
BJA0243	365634	762315
BJA0244	365622	762315
BJA0245	365607	762315
BJA0246	365553	762315
BJA0247	365706	762333
BJA0248	365634	762333
BJA0249	365622	762333
BJA0250	365607	762333
BJA0251	365553	762333
BJA0252	365706	762353
BJA0253	365638	762353
BJA0254	365622	762353
BJA0255	365607	762353
BJA0256	365553	762353
BJA0257	365638	762410
BJA0258	365622	762410
BJA0259	365607	762410
BJA0260	365705	762428
BJA0261	365653	762428
BJA0262	365638	762428
BJA0263	365622	762428
BJA0264	365653	762448
BJA0265	365638	762448
BJA0266	365622	762448
BJA0267	365609	762448
BJA0268	365653	762507
BJA0269	365638	762507
BJA0270	365622	762507
BJA0271	365646	762524

BLUE STRATUM (20'-29')

SAMPLE SITES	LATIT	LONGIT
BJA0272	365633	762524
BJA0273	365633	762542
BJA0274	365633	762542
BJA0275	365707	762558
BJA0276	365655	762555
BJA0277	365724	762618
BJA0278	365735	762622
BJA0279	365754	762637
BJA0280	365805	762641
BJA0281	365822	762655
BJA0282	365835	762658
BJA0283	365836	762714
BJA0284	365853	762713
BJA0285	365855	762732
BJA0286	365907	762715
BJA0287	365909	762735
BJA0288	365908	762753
BJA0289	365923	762725
BJA0290	365923	762753
BJA0291	365922	762813
BJA0292	365939	762753
BJA0293	365939	762813
BJA0294	370008	762852
BJA0295	370008	762912
BJA0296	370008	762930
BJA0297	370024	762930
BJA0298	370024	762948
BJA0299	370054	762948
BJA0300	370105	762948
BJA0301	370025	763005
BJA0302	370038	763005
BJA0303	370221	763225
BJA0304	370223	763242
BJA0305	370234	763241
BJA0306	370243	763258
BJA0307	370205	763319
BJA0308	370252	763318
BJA0309	370220	763336
BJA0310	370220	763354
BJA0311	370220	763414

BLUE STRATUM (20'-29')

SAMPLE SITES	LATIT	LONGIT
BJA0312	370235	763414
BJA0313	370248	763417
BJA0314	370235	763432
BJA0315	370249	763432
BJA0316	370235	763450
BJA0317	370249	763450
BJA0318	370240	763510
BJA0319	370249	763510
BJA0320	370249	763531
BJA0321	370249	763548
BJA0322	370249	763607
BJA0323	370520	763821
BJA0324	370945	763822
BJA0325	371020	763803
BJA0326	371033	763803
BJA0327	371112	763803
BJA0328	371117	763903
BJA0329	371212	763841
BJA0330	371250	764017
BJA0331	371250	764037
BJA0332	371250	764052
BJA0333	371241	764052
BJA0334	371241	764110
BJA0335	371241	764130
BJA0336	371241	764151
BJA0337	371219	764151
BJA0338	371241	764207
BJA0339	371219	764207
BJA0340	371219	764213
BJA0341	371208	764213
BJA0342	371208	764244
BJA0343	371147	764305
BJA0344	371137	764319
BJA0345	371118	764358
BJA0346	371059	764416
BJA0347	371044	764441
BJA0348	371044	764453
BJA0349	371059	764514
BJA0350	371059	764535
BJA0351	371121	764551

BLUE STRATUM (20'-29')

SAMPLE SITES	LATIT	LONGIT
BJA0352	371059	764551
BJA0353	371121	764610
BJA0354	371134	764610
BJA0355	371134	764612
BJA0356	371325	764815
BJA0357	371325	764846
BJA0358	371255	765105
BJA0359	371255	765125
BJA0360	371255	765146
BJA0361	371255	765204
BJA0362	371255	765453
BJA0363	371310	765453
BJA0364	371325	765513
BJA0365	371310	765513
BJA0366	371346	765533
BJA0367	371325	765533
BJA0368	371346	765552
BJA0369	371325	765552
BJA0370	371553	765613
BJA0371	371411	765633
BJA0372	371411	765650
BJA0373	371411	765710
BJA0374	371411	765710
BJA0375	371423	765730
BJA0376	371411	765730
BJA0377	371440	765748
BJA0378	371423	765748
BJA0379	371440	765806
BJA0380	371514	765945
BJA0381	371525	765900
BJA0382	371540	765900
BJA0383	371552	765900
BJA0384	371707	770240
BJA0385	371624	770270
BJA0386	371624	770300
BJA0387	371612	770300
BJA0388	371612	770380
BJA0389	371706	770400
BJA0390	371750	770445
BJA0391	371805	770445

BLUE STRATUM (20'-29')

SAMPLE SITES	LATIT	LONGIT
BJA0392	371820	770445
BJA0393	371838	770525
BJA0394	371838	770550
BJA0395	371838	770600
BJA0396	371805	770730
BJA0397	371900	771255
BJA0398	371830	771411
BJA1131	371846	771547
BJA1132	371946	771624
BJA1133	371946	771624
BJA1134	372015	771605
BJA1135	372045	771605
BJA1136	372100	771624
BJA1137	372100	771642
BJA1138	372100	771720
BJA1139	372115	771740
BJA1140	372115	771757
BJA1141	372132	771818
BJA1142	372146	771818
BJA1143	372232	771835
BJA1144	372232	771855
BJA1145	372232	771914
BJA1146	372232	771933
BJA1147	372246	771952
BJA1148	372246	772012
BJA1149	372246	771929
BJA1150	372246	771948
BJA1151	372232	772107
BJA1152	372232	772139
BJA1153	372246	772149
BJA1154	372246	772202
BJA1155	372246	772218
BJA1156	372301	772256
BJA1157	372301	772256
BJA1158	372315	772256
BJA1159	372332	772256
BJA1160	372346	772256
BJA1161	372401	772316
BJA1162	372401	772336
BJA1163	372416	772336

BLUE STRATUM (20'-29')

SAMPLE SITES	LATIT	LONGIT
BJA1164	372432	772336
BJA1165	372456	772336
BJA1166	372502	772336
BJA1167	372502	772355
BJA1168	372516	772355
BJA1169	372516	772413
BJA1170	372515	772428
BJA1171	372515	772447
BJA1172	372515	772506
BJA1173	372532	772523
BJA1174	372548	772525
BJA1175	372602	772525
BJA1176	372616	772506
BJA1177	372634	772506
BJA1178	372651	772506
BJA1179	372703	772506

BLUE STRATUM (20'-29')

SAMPLE SITES	LATIT	LONGIT
BJA1180	372717	772506
BJA1230*	372201	771430
BJA1231*	372219	771430
BJA1232*	372230	771430
BJA1233*	372245	771452
BJA1234*	372245	771508
BJA1235*	372245	771606
BJA1236*	372146	771607
BJA1237*	372132	771606
BJA1238*	372115	771606
BJA1239**	372333	771738
BJA1240**	372346	771738
BJA1241**	372415	771758
BJA1242**	372246	771856
BJA1243	NOT USED	

* These stations are in the Turkey Island Oxbow

** These stations are in the Jones Neck Oxbow

WHITE STRATUM (30'-49')

SAMPLE SITES	LATIT	LONGIT
WJA0399	365720	762104
WJA0400	365735	762104
WJA0401	365908	761840
WJA0402	365904	761851
WJA0403	365850	761911
WJA0404	365835	761931
WJA0405	365935	761930
WJA0406	365923	761950
WJA0407	365822	761952
WJA0408	365832	761949
WJA0409	365821	762008
WJA0410	365508	762022
WJA0411	365525	762021
WJA0412	365537	762020
WJA0413	365553	762020
WJA0414	365607	762017
WJA0415	365622	762017
WJA0416	365638	762015
WJA0417	365653	762014
WJA0418	365706	762012
WJA0419	365719	762012
WJA0420	365735	762010
WJA0421	365752	762009
WJA0422	365806	762008
WJA0423	365709	762025
WJA0424	365719	762025
WJA0425	365735	762025
WJA0426	365752	762025
WJA0427	365806	762025
WJA0428	365908	762010
WJA0429	365903	762025
WJA0430	365849	762043
WJA0431	365834	762050
WJA0432	365823	762049
WJA0433	365804	762045
WJA0434	365752	762045
WJA0435	365735	762045
WJA0436	365834	762104
WJA0437	365821	762104
WJA0438	365806	762104

WHITE STRATUM (30'-49')

SAMPLE SITES	LATIT	LONGIT
WJA0439	365752	762104
WJA0440	365735	762104
WJA0441	365806	762121
WJA0442	365752	762121
WJA0443	365735	762121
WJA0444	365730	762141
WJA0445	365727	762217
WJA0446	365725	762237
WJA0447	365723	762256
WJA0448	365721	762315
WJA0449	365720	762333
WJA0450	365719	762309
WJA0451	365717	762410
WJA0452	365716	762428
WJA0453	365715	762448
WJA0454	365706	762448
WJA0455	365708	762508
WJA0456	365706	762524
WJA0457	365723	762541
WJA0458	365710	762537
WJA0459	365724	762554
WJA0460	365737	762559
WJA0461	365754	762615
WJA0462	365824	762636
WJA0463	365854	762657
WJA0464	365924	762654
WJA0465	365925	762712
WJA0466	365938	762713
WJA0467	365953	762733
WJA0468	370024	762832
WJA0469	370038	762850
WJA0470	370039	762913
WJA0471	370055	763007
WJA0472	370107	763007
WJA0473	370107	763027
WJA0474	370120	763046
WJA0475	370122	763103
WJA0476	370136	763103
WJA0477	370137	763121
WJA0478	370152	763142

WHITE STRATUM (30'-49')

SAMPLE SITES	LATIT	LONGIT
WJA0479	370209	763157
WJA0480	370307	763451
WJA0481	370307	763508
WJA0482	370628	763819
WJA0483	370628	763841
WJA0484	370643	763818
WJA0485	370657	763818
WJA0486	370712	763818
WJA0487	370712	763819
WJA0488	370727	763818
WJA0489	370727	763819
WJA0490	370746	763818
WJA0491	370746	763819
WJA0492	370752	763819
WJA0493	370816	763819
WJA0494	371237	763950
WJA0495	371237	764017
WJA0496	371237	764034
WJA0497	371156	764622
WJA0498	371139	764622
WJA0499	371156	764640
WJA0500	371213	764640
WJA0501	371309	764815
WJA0502	371340	765613
WJA0503	371355	765632
WJA0504	371355	765648
WJA0505	371423	765807
WJA0506	371438	765825
WJA0507	371514	765905
WJA0508	371532	765925
WJA0509	371551	765925

WHITE STRATUM (30'-49')

SAMPLE SITES	LATIT	LONGIT
WJA1193	371620	765928
WJA1194	371630	765928
WJA1195	371640	765928
WJA1196	371650	765928
WJA1197	371715	765928
WJA1198	371806	770025
WJA1199	371806	770045
WJA1200	371806	770100
WJA1201	371806	770125
WJA1202	371750	770125
WJA1203	371750	770145
WJA1204	371743	770145
WJA1205	371722	770200
WJA1206	371650	770225
WJA1207	371635	770245
WJA1208	371622	770345
WJA1209	371622	770400
WJA1210	371635	770445
WJA1211	371650	770445
WJA1212	371707	770445
WJA1213	371742	770445
WJA1214	371846	771335
WJA1215	371846	771510
WJA1216	371846	771606
WJA1217	371900	771623
WJA1218	NOT USED	
WJA1219	NOT USED	
WJA1220	NOT USED	
WJA1243*	372145	771430
WJA1244**	372402	771737
WJA1245**	372417	771828

* These stations are in the Turkey Island Oxbow

** These stations are in the Jones Neck Oxbow

RED STRATUM (50' AND OVER)

SAMPLE SITES	LATIT	LONGIT
RJA0510	365933	761909
RJA0511	365919	761909
RJA0512	365907	761909
RJA0513	365919	761929
RJA0514	365904	761929
RJA0515	365915	761947
RJA0516	365904	761949
RJA0517	365849	761949
RJA0518	365835	762009
RJA0519	365849	762009
RJA0520	365822	762025
RJA0521	365835	762025
RJA0522	365849	762023
RJA0523	365918	762043
RJA0524	365723	762510
RJA0525	365727	762522
RJA0526	365740	762540
RJA0527	365756	762557
RJA0528	365823	762620

RED STRATUM (50'AND OVER)

SAMPLE SITES	LATIT	LONGIT
RJA0529	365843	762633
RJA0530	365852	762641
RJA0531	370831	763819
RJA0532	370844	763819
RJA0533	370900	763819
RJA0534	370917	763819
RJA0535	371227	764658
RJA0536	371227	764718
RJA0537	371241	764718
RJA0538	371252	764753
RJA0539	371309	764759
RJA1221	371720	765907
RJA1222	371733	765907
RJA1223	371748	765907
RJA1224	371802	775925
RJA1225	371820	770045
RJA1226	371607	770418
RJA1227	371622	770448
RJA1228	371642	770500

BROWN STRATUM (3'-12')

SAMPLE SITES	LATIT	LONGIT
SJA0540	365727	761833
SJA0541	365741	761833
SJA0542	365807	761833
SJA0543	365818	761833
SJA0544	365834	761833
SJA0545	365848	761833
SJA0546	365741	761850
SJA0547	365070	761850
SJA0548	365818	761850
SJA0549	365834	761850
SJA0550	365741	761912
SJA0551	365807	761912
SJA0552	365818	761912
SJA0553	370022	761930
SJA0554	365950	761949
SJA0555	370005	761949
SJA0556	365950	762008
SJA0557	370005	762008
SJA0558	365934	762026
SJA0559	365950	762026
SJA0560	370005	762026
SJA0561	365940	762045
SJA0562	365934	762045
SJA0563	365950	762045
SJA0564	365955	762104
SJA0565	365940	762104
SJA0566	365934	762104
SJA0567	365950	762104
SJA0568	365848	762122
SJA0569	365955	762122
SJA0570	365940	762122
SJA0571	365934	762122
SJA0572	365950	762122
SJA0573	365848	762141
SJA0574	365955	762141
SJA0575	365940	762141
SJA0576	365934	762141
SJA0577	365950	762141
SJA0578	365848	762200
SJA0579	365955	762200

BROWN STRATUM (3'-12')

SAMPLE SITES	LATIT	LONGIT
SJA0580	365940	762200
SJA0581	365934	762200
SJA0582	365834	762219
SJA0583	365848	762219
SJA0584	365935	762219
SJA0585	365940	762219
SJA0586	365934	762219
SJA0587	365834	762236
SJA0588	365848	762236
SJA0589	365955	762236
SJA0590	365940	762236
SJA0591	365807	762255
SJA0592	365818	762255
SJA0593	365834	762255
SJA0594	365848	762255
SJA0595	365955	762255
SJA0596	365807	762314
SJA0597	365818	762314
SJA0598	365834	762314
SJA0599	365848	762314
SJA0600	365807	762333
SJA0601	365818	762333
SJA0602	365834	762333
SJA0603	365752	762352
SJA0604	365807	762352
SJA0605	365606	762600
SJA0606	365553	762600
SJA0607	365624	762620
SJA0608	365606	762620
SJA0609	365553	762620
SJA0610	365651	763643
SJA0611	365639	763643
SJA0612	365623	763643
SJA0613	365609	763643
SJA0614	365654	763643
SJA0615	365639	763643
SJA0616	365722	762657
SJA0617	365709	762657
SJA0618	365652	762657
SJA0619	365625	762657

BROWN STRATUM (3'-12')

SAMPLE SITES	LATIT	LONGIT
SJA0620	365609	762657
SJA0621	365553	762657
SJA0622	365537	762657
SJA0623	365525	762657
SJA0624	365738	762720
SJA0625	365725	762720
SJA0626	365711	762720
SJA0627	360655	762720
SJA0628	365639	762720
SJA0629	365623	762720
SJA0630	365608	762720
SJA0631	365554	762720
SJA0632	365539	762720
SJA0633	365525	762720
SJA0634	365507	762720
SJA0635	365810	762738
SJA0636	365753	762738
SJA0637	365737	762738
SJA0638	365724	762738
SJA0639	365710	762738
SJA0640	365653	762738
SJA0641	365639	762738
SJA0642	365624	762738
SJA0643	365610	762738
SJA0644	365555	762738
SJA0645	365537	762738
SJA0646	365522	762738
SJA0647	365507	762738
SJA0648	365452	762738
SJA0649	365437	762738
SJA0650	365839	762756
SJA0651	365828	762756
SJA0652	365810	762756
SJA0653	365753	762756
SJA0654	365738	762756
SJA0655	365726	762756
SJA0656	365610	762756
SJA0657	365653	762756
SJA0658	365638	762756
SJA0659	365625	762756

BROWN STRATUM (3'-12')

SAMPLE SITES	LATIT	LONGIT
SJA0660	365609	762756
SJA0661	365558	762756
SJA0662	365537	762756
SJA0663	365523	762756
SJA0664	365509	762756
SJA0665	365452	762756
SJA0666	365440	762756
SJA0667	365425	762756
SJA0668	365411	762756
SJA0669	365839	762818
SJA0670	365828	762818
SJA0671	365810	762818
SJA0672	365753	762818
SJA0673	365738	762818
SJA0674	365726	762818
SJA0675	365610	762818
SJA0676	365653	762818
SJA0677	365638	762818
SJA0678	365625	762818
SJA0679	365609	762818
SJA0680	365558	762818
SJA0681	365537	762818
SJA0682	365523	762818
SJA0683	365509	762818
SJA0684	365452	762818
SJA0685	365440	762818
SJA0686	365425	762818
SJA0687	365411	762818
SJA0688	365305	762818
SJA0689	365857	762837
SJA0690	365839	762837
SJA0691	365828	762837
SJA0692	365810	762837
SJA0693	365753	762837
SJA0694	365738	762837
SJA0695	365633	762837
SJA0696	365638	762837
SJA0697	365625	762837
SJA0698	365609	762837
SJA0699	365558	762837

BROWN STRATUM (3'-12')

SAMPLE SITES	LATIT	LONGIT
SJA0700	365537	762837
SJA0701	365523	762837
SJA0702	365305	762837
SJA0703	365537	762859
SJA0704	365523	762859
SJA0705	365912	762859
SJA0706	365857	762859
SJA0707	365839	762859
SJA0708	365828	762859
SJA0709	365810	762859
SJA0710	365753	762859
SJA0711	365857	762853
SJA0712	365839	762823
SJA0713	365828	762823
SJA0714	365839	762936
SJA0715	365829	762936
SJA0716	365936	762952
SJA0717	365953	763031
SJA0718	365936	763031
SJA0719	365922	763031
SJA0720	370010	763054
SJA0721	365953	763054
SJA0722	365936	763054
SJA0723	365922	763054
SJA0724	365911	763054
SJA0725	370010	763055
SJA0726	365953	763055
SJA0727	365936	763055
SJA0728	365922	763055
SJA0729	365911	763055
SJA0730	370025	763109
SJA0731	370010	763109
SJA0732	365953	763109
SJA0733	365936	763109
SJA0734	365922	763109
SJA0735	370025	763122
SJA0736	370010	763122
SJA0737	365953	763122
SJA0738	365936	763122
SJA0739	370110	762800

BROWN STRATUM (3'-12')

SAMPLE SITES	LATIT	LONGIT
SJA0740	370110	762825
SJA0741	370054	762825
SJA0742	370039	762825
SJA0743	370125	762844
SJA0744	370110	762844
SJA0745	370054	762844
SJA0746	370125	762856
SJA0747	370110	762856
SJA0748	370138	762910
SJA0749	370125	762910
SJA0750	370110	762910
SJA0751	370138	762928
SJA0752	370125	762928
SJA0753	370148	762952
SJA0754	370138	762952
SJA0755	370125	762952
SJA0756	370125	763011
SJA0757	370209	763011
SJA0758	370225	763034
SJA0759	370209	763034
SJA0760	370148	763034
SJA0761	370238	763034
SJA0762	370238	763047
SJA0763	370225	763047
SJA0764	370209	763047
SJA0765	370238	763100
SJA0766	370225	763100
SJA0767	370209	763100
SJA0768	370252	763120
SJA0769	370238	763120
SJA0770	370225	763120
SJA0771	370252	763146
SJA0772	370238	763146
SJA0773	370040	763146
SJA0774	370025	763146
SJA0775	370310	763200
SJA0776	370254	763200
SJA0777	370053	763200
SJA0778	370040	763200
SJA0779	370025	763200

BROWN STRATUM (3'-12')

SAMPLE SITES	LATIT	LONGIT
SJA0780	370010	763200
SJA0781	370310	763223
SJA0782	370254	763223
SJA0783	370110	763223
SJA0784	370054	763223
SJA0785	370040	763223
SJA0786	370025	763223
SJA0787	370310	763240
SJA0788	370110	763240
SJA0789	370054	763240
SJA0790	370040	763240
SJA0791	370125	763300
SJA0792	370110	763300
SJA0793	370054	763300
SJA0794	370125	763319
SJA0795	370110	763319
SJA0796	370054	763319
SJA0797	370138	763337
SJA0798	371038	763350
SJA0799	370148	763435
SJA0800	370315	763202
SJA0801	370315	763223
SJA0802	370315	763240
SJA0803	370315	763300
SJA0804	370315	763319
SJA0805	370315	763337
SJA0806	370315	763435
SJA0807	370315	763450
SJA0808	370315	763565
SJA0809	370338	763223
SJA0810	370338	763240
SJA0811	370338	763300
SJA0812	370338	763319
SJA0813	370338	763337
SJA0814	370338	763355
SJA0815	370338	763414
SJA0816	370338	763434
SJA0817	370354	763223
SJA0818	370354	763240
SJA0819	370354	763300

BROWN STRATUM (3'-12')

SAMPLE SITES	LATIT	LONGIT
SJA0820	370354	763319
SJA0821	370354	763337
SJA0822	370354	763355
SJA0823	370354	763414
SJA0824	370354	763434
SJA0825	370354	763631
SJA0826	370323	763631
SJA0827	370337	763631
SJA0828	370323	763648
SJA0829	370337	763647
SJA0830	370354	763647
SJA0831	370236	763705
SJA0832	370323	763705
SJA0833	370337	763705
SJA0834	370410	763705
SJA0835	370426	763705
SJA0836	370441	763705
SJA0837	370236	763736
SJA0838	370323	763736
SJA0839	370337	763736
SJA0840	370354	763736
SJA0841	370441	763736
SJA0842	370455	763736
SJA0843	370510	763736
SJA0844	370236	763743
SJA0845	370252	763743
SJA0846	370223	763743
SJA0847	370337	763743
SJA0848	370354	763743
SJA0849	370410	763743
SJA0850	370426	763743
SJA0851	370455	763743
SJA0852	370510	763743
SJA0853	370221	763804
SJA0854	370236	763804
SJA0855	370323	763804
SJA0856	370337	763804
SJA0857	370354	763804
SJA0858	370410	763804
SJA0859	370426	763804

BROWN STRATUM (3'-12')

SAMPLE SITES	LATIT	LONGIT
SJA0860	370221	763823
SJA0861	370236	763823
SJA0862	370310	763823
SJA0863	370323	763823
SJA0864	370337	763823
SJA0865	370354	763828
SJA0866	370410	763823
SJA0867	370426	763823
SJA0868	370441	763823
SJA0869	370323	763838
SJA0870	370337	763838
SJA0871	370354	763838
SJA0872	370410	763838
SJA0873	370354	763901
SJA0874	370252	763838
SJA0875	370236	763838
SJA0876	370221	763838
SJA0877	NOT USED	
SJA0878	370236	763901
SJA0879	370221	763901
SJA0880	370310	763922
SJA0881	370252	763922
SJA0882	370221	763920
SJA0883	370221	763934
SJA0884	370252	763936
SJA0885	370310	763936
SJA0886	370308	763954
SJA0887	370323	763936
SJA0888	370323	763954
SJA0889	370337	763936
SJA0890	370337	763954
SJA0891	370354	763936
SJA0892	370354	763954
SJA0893	370410	763936
SJA0894	370410	763954
SJA0895	370426	763936
SJA0896	370323	763922
SJA0897	370455	763922
SJA0898	370510	763922
SJA0899	370409	763300

BROWN STRATUM (3'-12')

SAMPLE SITES	LATIT	LONGIT
SJA0900	370409	763300
SJA0901	370409	763319
SJA0902	370409	763337
SJA0903	370409	763355
SJA0904	370409	763414
SJA0905	370409	763434
SJA0906	370409	763450
SJA0907	370426	763414
SJA0908	370426	763434
SJA0909	370426	763450
SJA0910	370426	763510
SJA0911	370441	763434
SJA0912	370441	763450
SJA0913	370441	763510
SJA0914	370441	763530
SJA0915	370455	763450
SJA0916	370455	763510
SJA0917	370455	763530
SJA0918	370455	763549
SJA0919	370510	763450
SJA0920	370510	763510
SJA0921	370510	763530
SJA0922	370510	763549
SJA0923	370510	763608
SJA0924	370526	763510
SJA0925	370526	763530
SJA0926	370526	763549
SJA0927	370526	763608
SJA0928	370526	763627
SJA0929	370541	763530
SJA0930	370541	763549
SJA0931	370541	763608
SJA0932	370541	763627
SJA0933	370556	763549
SJA0934	370556	763608
SJA0935	370556	763627
SJA0936	370608	763627
SJA0937	370608	763647
SJA0938	370624	763647
SJA0939	370624	763705

BROWN STRATUM (3'-12')

SAMPLE SITES	LATIT	LONGIT
SJA0940	370644	763705
SJA0941	370644	763736
SJA0942	370657	763736
SJA0943	370657	763743
SJA0944	370711	763743
SJA0945	370713	763920
SJA0946	370730	763920
SJA0947	370746	763920
SJA0948	370803	763920
SJA0949	370803	763938
SJA0950	370815	763938
SJA0951	370833	763938
SJA0952	NOT USED	
SJA0953	370858	763720
SJA0954	370915	763720
SJA0955	370915	763743
SJA0956	370932	763720
SJA0957	370932	763743
SJA0958	371047	763841
SJA0959	371105	763841
SJA0960	371105	763903
SJA0961	371105	763955
SJA0962	371122	763903
SJA0963	371122	763919
SJA0964	371122	764015
SJA0965	371137	763742
SJA0966	371135	763919
SJA0967	371135	763938
SJA0968	371135	764037
SJA0969	371152	763742
SJA0970	371150	763938
SJA0971	371150	764053
SJA0972	371206	763801
SJA0973	371206	763953
SJA0974	371206	764015
SJA0975	371237	763841
SJA0976	371251	763841
SJA0977	371251	763903
SJA0978	371308	763903
SJA0979	371308	763219

BROWN STRATUM (3'-12')

SAMPLE SITES	LATIT	LONGIT
SJA0980	371308	763936
SJA0981	371206	764134
SJA0982	371135	764150
SJA0983	371122	764207
SJA0984	371105	764207
SJA0985	371105	764225
SJA0986	371047	764225
SJA0987	371033	764225
SJA0988	371122	764247
SJA0989	371105	764247
SJA0990	371047	764247
SJA0991	371033	764247
SJA0992	371014	764247
SJA0993	371005	764247
SJA0994	370947	764247
SJA0995	371122	764305
SJA0996	371105	764305
SJA0997	371047	764305
SJA0998	371033	764305
SJA0999	371005	764305
SJA1000	371005	764305
SJA1001	370947	764305
SJA1002	370931	764305
SJA1003	370917	764305
SJA1004	371047	764305
SJA1005	371031	764321
SJA1006	371018	764323
SJA1007	371004	764323
SJA1008	370947	764323
SJA1009	370932	764323
SJA1010	370917	764323
SJA1011	371017	764341
SJA1012	371004	764341
SJA1013	370947	764341
SJA1014	370932	764341
SJA1015	370917	764341
SJA1016	370900	764341
SJA1017	371147	764401
SJA1018	371004	764401
SJA1019	370947	764401

BROWN STRATUM (3'-12')

SAMPLE SITES	LATIT	LONGIT
SJA1020	370932	764401
SJA1021	370917	764401
SJA1022	370900	764401
SJA1023	371133	764420
SJA1024	371004	764420
SJA1025	370947	764420
SJA1026	370932	764420
SJA1027	370917	764420
SJA1028	371118	764436
SJA1029	371004	764436
SJA1030	370947	764436
SJA1031	370932	764436
SJA1032	370917	764436
SJA1033	371118	764455
SJA1034	371004	764455
SJA1035	370947	764455
SJA1036	370932	764455
SJA1037	371102	764628
SJA1038	371120	764646
SJA1039	371156	764715
SJA1040	371211	764719
SJA1041	371427	764744
SJA1042	371449	764827
SJA1043	371352	764849
SJA1044	371406	764913
SJA1045	371352	764913
SJA1046	371406	764934
SJA1047	371332	764934
SJA1048	371352	764934
SJA1049	371406	764958
SJA1050	371332	764958
SJA1051	371353	764958
SJA1052	371406	765022
SJA1053	371332	765022
SJA1054	371406	765046
SJA1055	371351	765046
SJA1056	371406	765109
SJA1057	371346	765109
SJA1058	371406	765130
SJA1059	371346	765130

BROWN STRATUM (3'-12')

SAMPLE SITES	LATIT	LONGIT
SJA1060	371406	765155
SJA1061	371346	765155
SJA1062	371346	765217
SJA1063	371311	765305
SJA1064	371234	765305
SJA1065	371330	765326
SJA1066	371311	765326
SJA1067	371234	765326
SJA1068	371330	765348
SJA1069	371311	765348
SJA1070	371234	765348
SJA1071	371330	765413
SJA1072	371234	765413
SJA1073	371330	765435
SJA1074	371355	765227
SJA1075	371341	765227
SJA1076	371355	765240
SJA1077	371341	765240
SJA1078	371439	765300
SJA1079	371424	765300
SJA1080	371410	765300
SJA1081	371355	765300
SJA1082	371341	765300
SJA1083	371424	765318
SJA1084	371410	765318
SJA1085	371341	765318
SJA1086	371424	765337
SJA1087	371410	765337
SJA1088	371341	765337
SJA1089	371410	765357
SJA1090	371355	765357
SJA1091	371341	765357
SJA1092	371410	765415
SJA1093	371341	765415
SJA1094	371341	765435
SJA1095	371325	765435
SJA1096	371515	765830
SJA1097	371540	765848
SJA1098	371553	765848
SJA1099	371707	770245

BROWN STRATUM (3'-12')

SAMPLE SITES	LATIT	LONGIT
SJA1100	371650	770302
SJA1101	371642	770315
SJA1102	371625	770345
SJA1103	371805	770500
SJA1104	371805	770518
SJA1105	371808	770515
SJA1106	371843	770635
SJA1107	371843	770653
SJA1108	371750	770720
SJA1109	371820	770745
SJA1110	371820	770800
SJA1111	371820	770830
SJA1112	371820	770850
SJA1113	371820	770902
SJA1114	371815	771440
SJA1115	371815	771510
SJA1116	371932	771623

BROWN STRATUM (3'-12')

SAMPLE SITES	LATIT	LONGIT
SJA1117	371946	771606
SJA1118	372000	771606
SJA1119	372017	771547
SJA1120	372032	771547
SJA1121	372202	771817
SJA1122	372533	772540
SJA1123	373038	772540
SJA1124	373053	772540
SJA1125	373110	772540
SJA1126	NOT USED	
SJA1127	NOT USED	
SJA1128	NOT USED	
SJA1129	NOT USED	
SJA1130	NOT USED	
SJA1246*	372050	771520
SJA1247*	372217	771602
SJA1248**	372332	771837
SJA1249**	372318	771837
SJA1250***	372320	772140
SJA1251***	372300	772223
SJA1252**	372300	771840

* These stations are in the Turkey Island Oxbow

** These stations are in the Jones Neck Oxbow

*** These stations are in the Hatcher Island Oxbow