

Reports

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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 IV: Rappahannock River

Frank J. Wojcik
Virginia Institute of Marine Science

Willard A. Van Engel
Virginia Institute of Marine Science

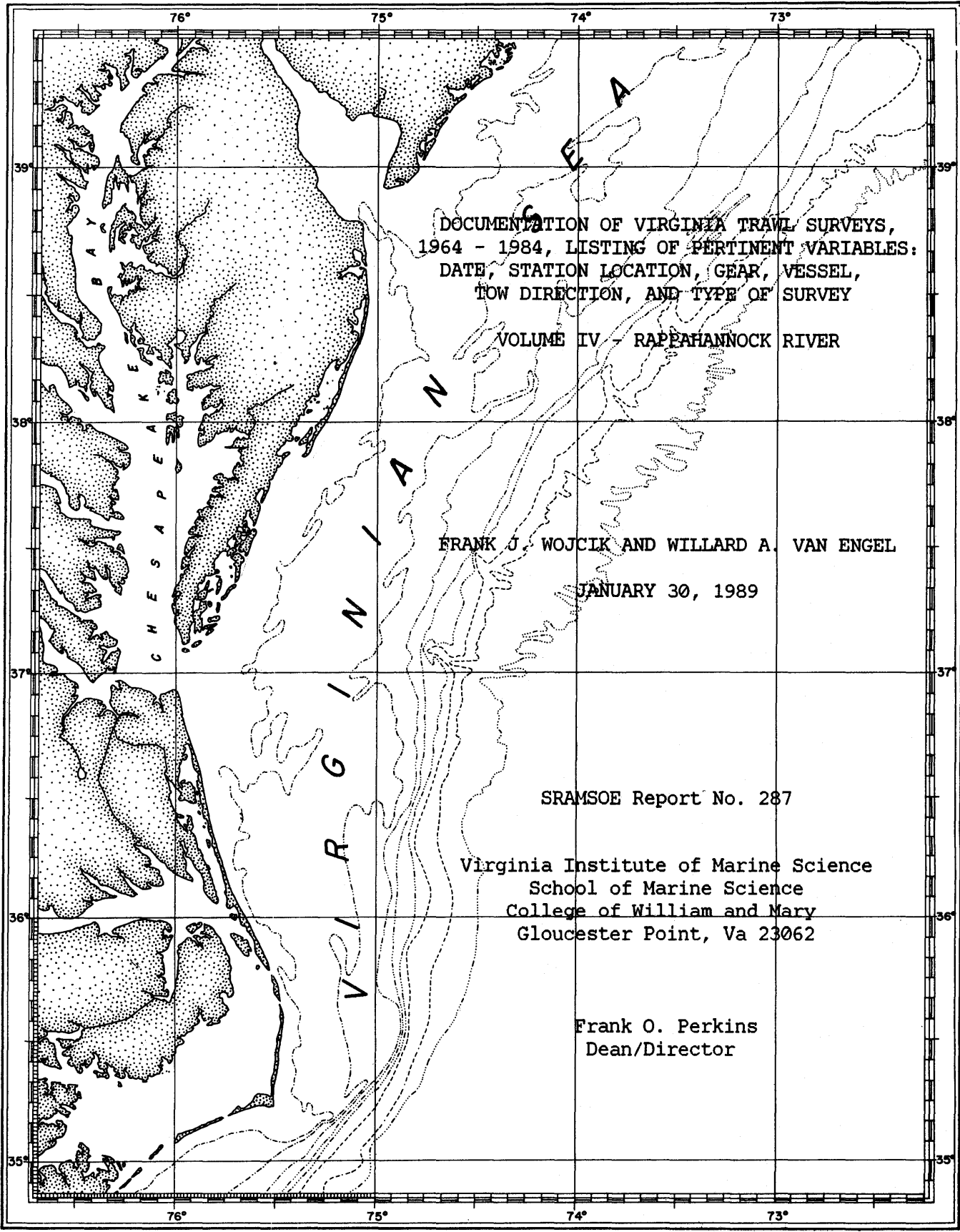
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DOCUMENTATION OF VIRGINIA TRAWL SURVEYS,
1964 - 1984, LISTING OF PERTINENT VARIABLES:
DATE, STATION LOCATION, GEAR, VESSEL,
TOW DIRECTION, AND TYPE OF SURVEY

VOLUME IV - RAPPAHANNOCK RIVER

FRANK J. WOJCIK AND WILLARD A. VAN ENGEL

JANUARY 30, 1989

SRAMSOE Report No. 287

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 IV -RAPPAHANNOCK RIVER

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

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

William H. Massmann, who initiated the surveys adopted a fixed, rather than a randomized station plan, to be run in the deep channels of all rivers. Subsequent investigators followed the same plan until 1973, at which time Walter J. Hoagman and W. Jackson Davis of the VIMS Fisheries Department decided that a change in procedure to a stratified, randomized, semi-annual (summer and winter) survey was needed. A statistical review of the accumulated trawl data had revealed that the samples for any month were too small to be significant, and in addition were not suitable for any statistical analysis because they were not random. The first randomizations were made by latitude and longitude from the various depth strata, which

proved awkward and were altered in 1978. This new randomization plan called for the division of each river into four depth strata, each stratum sectioned into quarter mile blocks. In each stratum, the blocks were permanently numbered progressively up-river to the end of sampling area, and then numbering was resumed at the mouth of the river for the next stratum. Numbers were not duplicated within a river. Later a fifth depth stratum was added. When a new survey was planned, the stations to be occupied were drawn from a table of random numbers. This proved to be time consuming, so a program was developed by Frank J. Wojcik in Fortran (F77) for drawing random stations using the random number generator programmed into the computer.

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

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

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

Rappahannock River (Volume IV)

Volume IV describes the surveys on the Rappahannock River. Starting in 1964, the Rappahannock River trawl survey was run monthly in the channels using non-random, fixed stations. These stations were made at approximately 5-mile intervals from its mouth (RA00).

Listing of variables follows the same data format used in the Chesapeake Bay survey Report. From 1964 through 1972, approximately the same stations were occupied each month, consequently latitude and longitude locations of stations for those years are reported in a brief table.

An increase in intensity and diversity of surveys beginning in 1973 imposed a demand for more complicated naming of sample sites. While attempting to continue the same format used in the Chesapeake Bay survey report, we underestimated the need for separate tables of latitudes and longitudes for each new type of survey. The resulting tables, Appendices D-J, 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 eliminated the need for reference tables.

RAPPAHANNOCK SAMPLE SITES

FIXED STATIONS

For the years 1964-1973, FIXED STATIONS (F), coded as RA00-RA40 and for 1979-1984, as RA000-RA035, by 5-mile intervals, are located by latitude and longitude in Appendix D. In September 1974, and in September 1975, stations coded as RA000 to RA086 were added. They are located by latitude and longitude in Appendix E. Stations RA10 and RA11, and RA085 and RA086 were used interchangeably.

For January 1974, FIXED STATIONS (F) that are coded RA000-RA091 at 1-mile intervals are located by latitude and longitude in Appendix E. Also data for September 1975, coded RA001-RA005 are in the same Appendix. The three digits denote miles upstream from the Rappahannock River mouth. A tow time of 25 indicates a quarter mile distance towed, rather than the actual time.

RANDOM STATIONS

For June 1973, RANDOM STATIONS (R) that were coded as RB001-RB011 are located by latitudes and longitudes in Appendix F.

For July 1974 and July 1975, RANDOM STATIONS (R) that are coded as CBRA01-CBRA45 are located at latitudes and longitudes in Appendix G.

For January 1975 and February, 1976, RANDOM STATIONS (R) that are coded as RA000n-RA089n were 1/4 mile stations in each 1-mile block. The numerical value of (n), the fourth digit, describes the location of the 1/4 mile section. When (n) 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 miles. A tow time of 25 indicates a quarter mile distance towed, rather than the actual time. SRAXxxn refers to a shoal station. Locations are shown to the nearest mile in Appendix H.

For July 1976, RANDOM STATIONS (R) that are coded RAXxxxA to RAXxxV where xxx is the number, are located by latitude and longitude in Appendix I. Numeric portions of these codes are not river miles.

For 1977-1983, locations of RANDOM STATIONS (R) in the Rappahannock River with the following codes are shown in Appendix J. A tow time of 15 indicates quarter of a mile distance towed rather than the actual time.

RA528-RA718 were shoal stations between 7' and 11' and were designated as brown (S) sites.

RA001-RA132 and RA800 were at depths between 12' and 19' and designated as green (G) sites.

RA133-RA335 and RA801-RA805 were at depths between 20' and 29' and were designated as blue (B) sites.

RA334-RA453 and RA806-RA814 were at depths between 30' and 49' and were designated as white (W) sites.

RA454-RA718 were at depths over 50' 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 Rappahannock River.

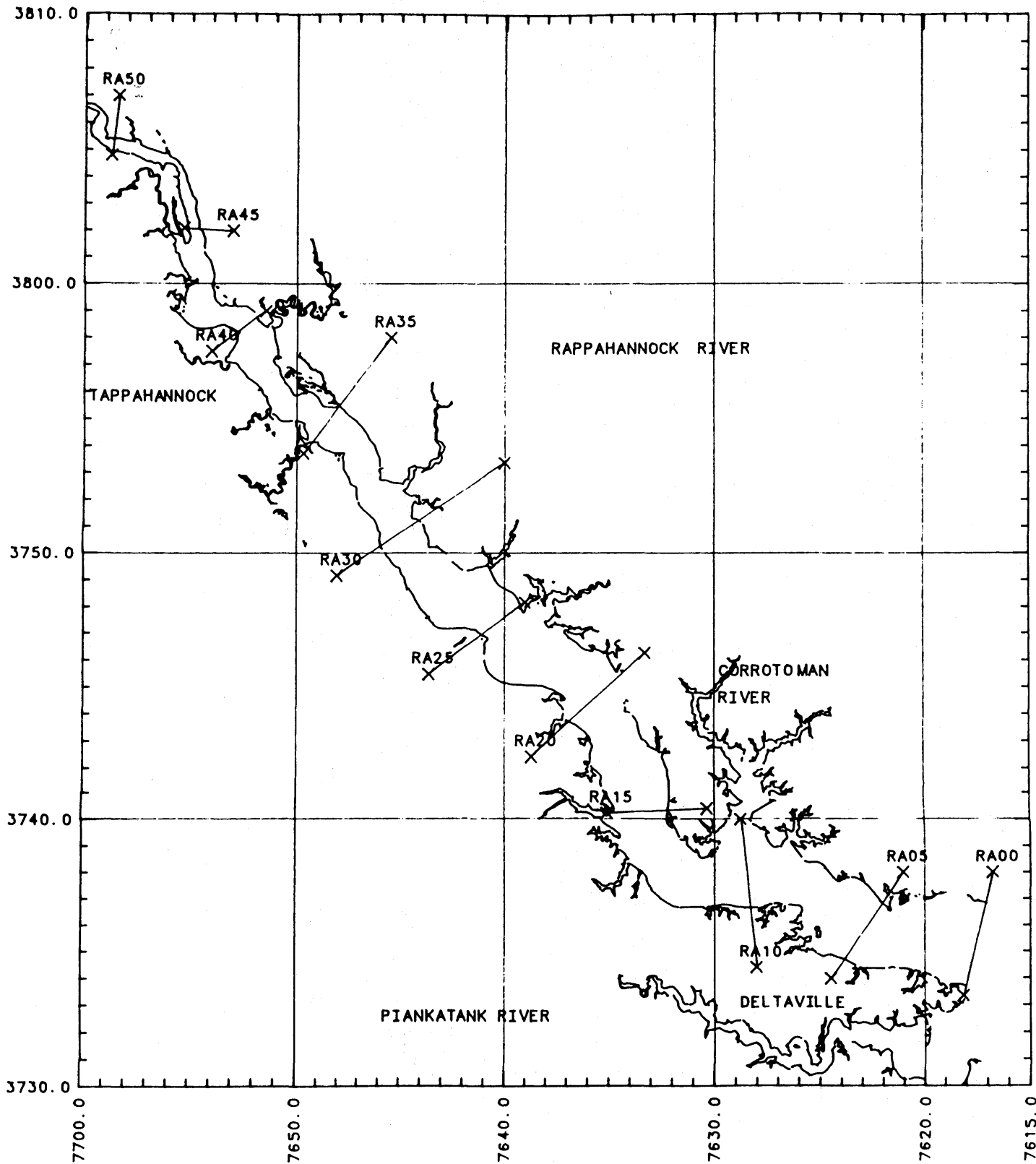
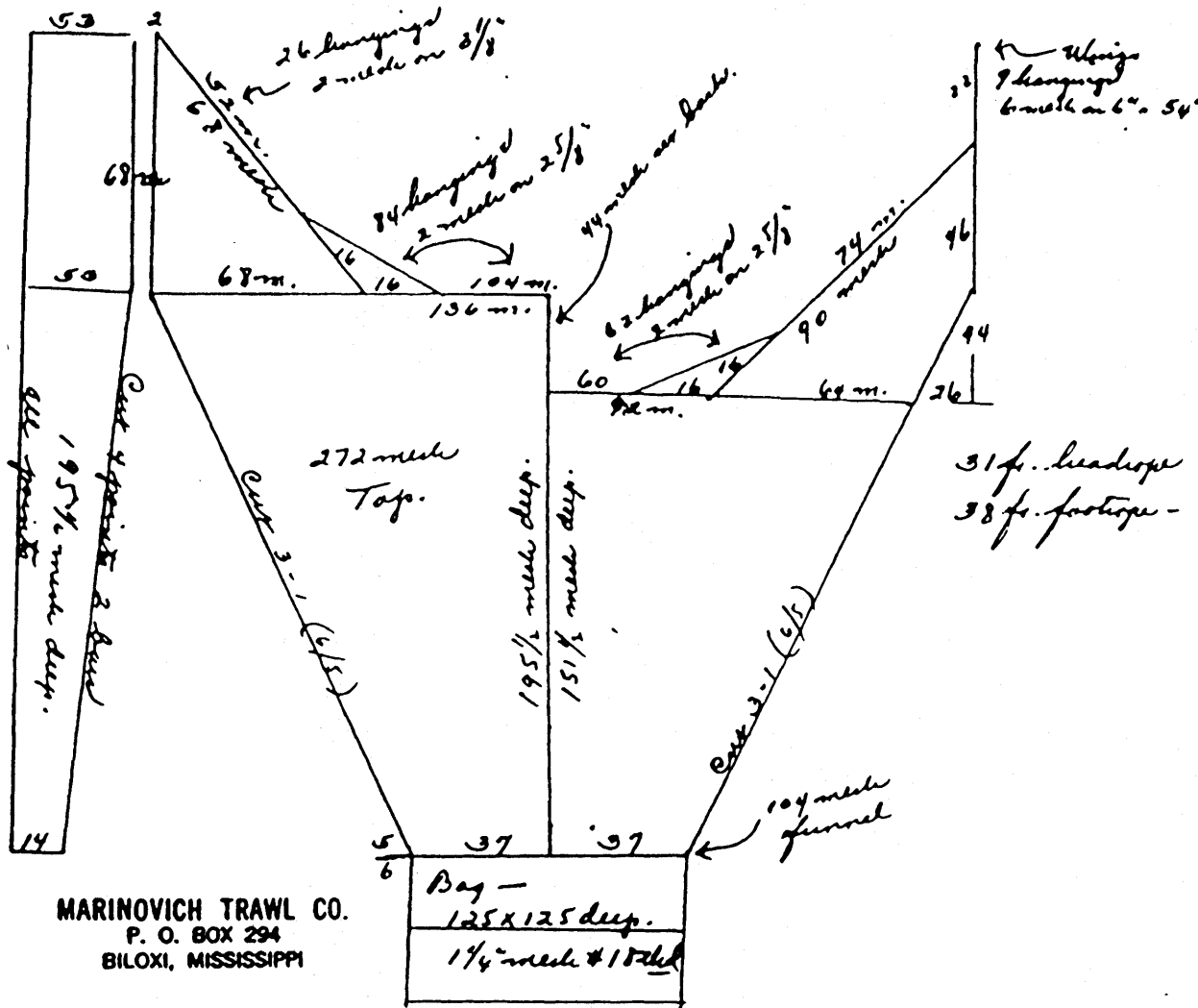


FIGURE 2 Diagram of the Original VIMS 30' Trawl.



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 hamp net rope, legs extended from net 6ft. with wire rope thimbles 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.

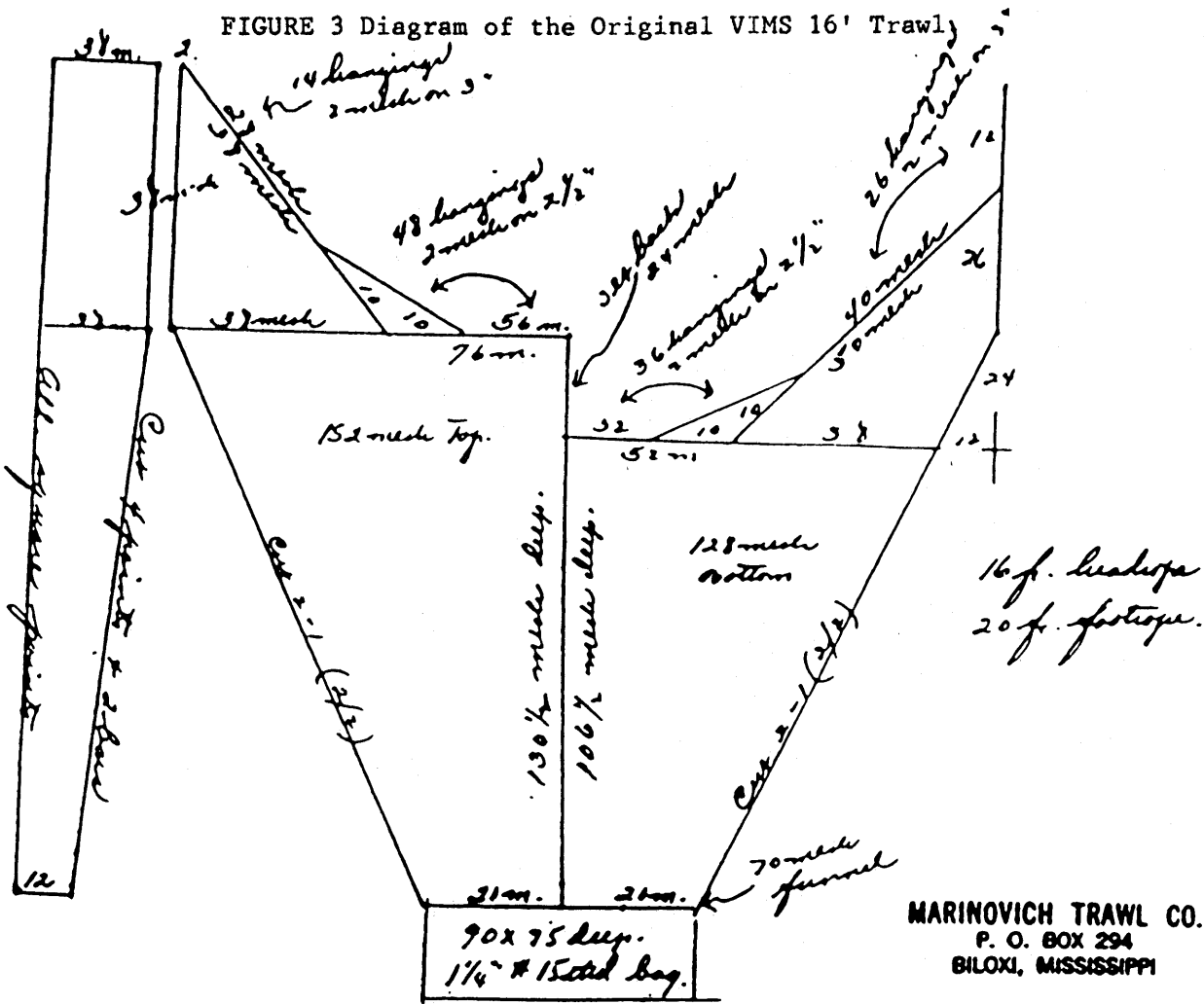
TRAWL DOORS: Suitable for above net, trawl doors 48 inch in length and 22 inch in width, doors made of one inch pine lumber, 1 1/2 X 1/2 straps and braces, 3/8 X 2 1/2 bottom shoe runner, 3/16 inch galvanized chainbridle, 3/8 inch swivel, doors set and ready to use.

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:

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

MARINOVICH TRAWL COMPANY

BY: Steve J. Marinovich
Steve J. Marinovich

VIMS ICHTHYOLOGY TRAWL SURVEY -1964
 -LISTING BY F.J. WOJCIK DECEMBER, 1984
 FOR DATA SET (AFISH64.XCD)

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|-------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|--------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 11/11 | F | RA15 | F197 | LA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/11 | F | RA20 | F198 | LA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/11 | F | RA25 | F199 | LA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/11 | F | RA13 | F200 | LA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/11 | F | RA11 | F201 | 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.XCD)

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|-------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|--------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 01/21 | F | RA15 | N018 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 01/21 | F | RA20 | N019 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 01/21 | F | RA25 | N020 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 01/21 | F | RA30 | N021 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 01/21 | F | RA35 | N022 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 01/21 | F | RA40 | N023 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 01/22 | F | RA11 | N024 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 01/22 | F | RA05 | N025 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 01/22 | F | RA00 | N026 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 03/24 | F | RA15 | N067 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/24 | F | RA20 | N068 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/24 | F | RA25 | N069 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/24 | F | RA35 | N070 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/24 | F | RA30 | N071 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 12/09 | F | RA40 | N272 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/09 | F | RA35 | N273 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/09 | F | RA30 | N274 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/09 | F | RA25 | N275 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/09 | F | RA20 | N276 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/09 | F | RA15 | N277 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/10 | F | RA10 | N278 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/10 | F | RA05 | N279 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/10 | F | RA00 | N280 | PA | 10 | W | | 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.XCD)

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|-------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|--------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 03/02 | F | RA40 | F054 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/02 | F | RA35 | F055 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/02 | F | RA30 | F056 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/02 | F | RA25 | F057 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/02 | F | RA20 | F058 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/02 | F | RA15 | F059 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/03 | F | RA10 | F060 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/03 | F | RA05 | F061 | PA | 10 | W | | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/03 | F | RA00 | F062 | PA | 10 | W | | 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.XCD)

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|-------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|--------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 03/02 | F | RA11 | F044 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/02 | F | RA15 | F045 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/02 | F | RA20 | F046 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/02 | F | RA25 | F047 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/02 | F | RA30 | F048 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/02 | F | RA35 | F049 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/02 | F | RA40 | F050 | PA | 10 | W | 18 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/28 | F | RA10 | F068 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/28 | F | RA30 | F072 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/28 | F | RA35 | F073 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/28 | F | RA40 | F074 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 06/29 | F | RA10 | F145 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/29 | F | RA20 | F146 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/29 | F | RA25 | F147 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/29 | F | RA30 | F148 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/29 | F | RA40 | F149 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/29 | F | RA35 | F150 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/29 | F | RA15 | F151 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 07/25 | F | RA15 | F171 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 07/25 | F | RA20 | F172 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 07/25 | F | RA25 | F173 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 07/25 | F | RA30 | F174 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 07/25 | F | RA35 | F175 | PA | 10 | W | 14 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 07/25 | F | RA40 | F176 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 08/16 | F | RA40 | F177 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/16 | F | RA35 | F178 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/16 | F | RA30 | F179 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/16 | F | RA25 | F180 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/16 | F | RA20 | F181 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/16 | F | RA15 | F182 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/16 | F | RA10 | F183 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 09/19 | F | RA10 | F216 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/19 | F | RA15 | F217 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/19 | F | RA20 | F218 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/19 | F | RA25 | F219 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/19 | F | RA30 | F220 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/19 | F | RA35 | F221 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/20 | F | RA40 | F222 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 10/24 | F | RA10 | F239 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/24 | F | RA15 | F240 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/24 | F | RA20 | F241 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/24 | F | RA25 | F242 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/24 | F | RA30 | F243 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/24 | F | RA35 | F244 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/24 | F | RA40 | F245 | PA | 10 | W | 07 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 11/07 | F | RA10 | F246 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/07 | F | RA15 | F247 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/07 | F | RA20 | F248 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/07 | F | RA25 | F249 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/07 | F | RA30 | F250 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/07 | F | RA35 | F251 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/07 | F | RA40 | F252 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 12/19 | F | RA40 | F285 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/19 | F | RA35 | F286 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/19 | F | RA30 | F287 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/19 | F | RA25 | F288 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/19 | F | RA20 | F289 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/19 | F | RA15 | F290 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/19 | F | RA10 | F291 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |

IMS ICHTHYOLOGY TRAWL SURVEY -1968
 -LISTING BY F.J. WOJCIK DECEMBER, 1984
 FOR DATA SET (AFISH68.XCD)

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|-------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|--------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 01/16 | F | RA10 | F008 | LA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 01/16 | F | RA15 | F009 | LA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 01/16 | F | RA20 | F010 | LA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 01/16 | F | RA25 | F011 | LA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 04/02 | F | RA40 | F047 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 04/02 | F | RA35 | F048 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 04/02 | F | RA30 | F049 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 04/02 | F | RA25 | F050 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 04/02 | F | RA20 | F051 | PA | 10 | W | 10 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 04/02 | F | RA15 | F052 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 04/02 | F | RA10 | F053 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 05/09 | F | RA10 | F070 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 05/09 | F | RA15 | F071 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 05/09 | F | RA20 | F072 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 05/09 | F | RA25 | F073 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 05/09 | F | RA30 | F074 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 05/09 | F | RA35 | F075 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 05/09 | F | RA40 | F076 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 06/12 | F | RA10 | F097 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/12 | F | RA15 | F098 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/12 | F | RA20 | F099 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/12 | F | RA25 | F100 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/12 | F | RA30 | F101 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/12 | F | RA35 | F102 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/12 | F | RA40 | F103 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 07/24 | F | RA20 | F140 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 07/24 | F | RA25 | F141 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 07/24 | F | RA30 | F142 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 07/24 | F | RA35 | F143 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 07/24 | F | RA40 | F144 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 08/29 | F | RA10 | F174 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/29 | F | RA15 | F175 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/29 | F | RA20 | F176 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/29 | F | RA25 | F177 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/29 | F | RA30 | F178 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/29 | F | RA35 | F179 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/29 | F | RA40 | F180 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 09/18 | F | RA10 | F198 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/18 | F | RA15 | F199 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/18 | F | RA20 | F200 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/18 | F | RA25 | F201 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/18 | F | RA30 | F202 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/18 | F | RA35 | F203 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/18 | F | RA40 | F204 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 10/24 | F | RA10 | F222 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/24 | F | RA15 | F223 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/24 | F | RA20 | F224 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/24 | F | RA25 | F225 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/24 | F | RA30 | F226 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/24 | F | RA35 | F227 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/24 | F | RA40 | F228 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 11/19 | F | RA10 | F246 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/19 | F | RA15 | F247 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/19 | F | RA20 | F248 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/19 | F | RA25 | F249 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/19 | F | RA30 | F250 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/19 | F | RA40 | F251 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/19 | F | RA35 | F252 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 12/17 | F | RA10 | F271 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/17 | F | RA15 | F272 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/17 | F | RA20 | F273 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/17 | F | RA25 | F274 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/17 | F | RA40 | F275 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/17 | F | RA35 | F276 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/17 | F | RA30 | F277 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |

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

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|-------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|--------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 01/14 | F | RA10 | F018 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 01/14 | F | RA15 | F019 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 01/14 | F | RA20 | F020 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 01/14 | F | RA25 | F021 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 01/14 | F | RA30 | F022 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 01/14 | F | RA35 | F023 | PA | 10 | W | 10 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 02/12 | F | RA10 | F041 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 02/12 | F | RA15 | F042 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 02/12 | F | RA25 | F044 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 02/12 | F | RA30 | F045 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 02/12 | F | RA35 | F046 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 02/12 | F | RA40 | F047 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 03/06 | F | RA10 | F056 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/06 | F | RA15 | F057 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/06 | F | RA20 | F058 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/06 | F | RA25 | F059 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/06 | F | RA30 | F060 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/06 | F | RA35 | F061 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/06 | F | RA40 | F062 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 04/17 | F | RA10 | F091 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 04/17 | F | RA15 | F092 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 04/17 | F | RA20 | F093 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 04/17 | F | RA25 | F094 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 04/17 | F | RA30 | F095 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 04/17 | F | RA40 | F096 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 04/17 | F | RA35 | F097 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH | |
| 05/06 | F | RA10 | F098 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 05/06 | F | RA15 | F099 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 05/06 | F | RA20 | F100 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 05/06 | F | RA25 | F101 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 05/06 | F | RA30 | F102 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 05/06 | F | RA40 | F103 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 05/05 | F | RA35 | F104 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | | |
| 06/04 | F | RA10 | F123 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/04 | F | RA15 | F124 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/04 | F | RA20 | F125 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/04 | F | RA25 | F126 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/04 | F | RA30 | F127 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/04 | F | RA40 | F128 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/04 | F | RA35 | F129 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | | |
| 07/15 | F | RA40 | F166 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 07/15 | F | RA35 | F167 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 07/15 | F | RA30 | F168 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 07/15 | F | RA25 | F169 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 07/15 | F | RA20 | F170 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 07/15 | F | RA15 | F171 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 07/15 | F | RA10 | F172 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | | |
| 08/19 | F | RA10 | F191 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/19 | F | RA15 | F192 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/19 | F | RA20 | F193 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/19 | F | RA25 | F194 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/19 | F | RA40 | F195 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/19 | F | RA35 | F196 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/19 | F | RA30 | F197 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH | |
| 09/16 | F | RA10 | F217 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/16 | F | RA15 | F218 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/16 | F | RA20 | F219 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/16 | F | RA25 | F220 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/16 | F | RA30 | F221 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/16 | F | RA40 | F222 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/16 | F | RA35 | F223 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | | |
| 10/14 | F | RA10 | F242 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/14 | F | RA15 | F243 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/14 | F | RA20 | F244 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/14 | F | RA25 | F245 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/14 | F | RA30 | F246 | PA | 10 | W | 06 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/14 | F | RA40 | F247 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/14 | F | RA35 | F248 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | | |
| 11/18 | F | RA10 | F266 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/18 | F | RA15 | F267 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/18 | F | RA20 | F268 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/18 | F | RA40 | F269 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/18 | F | RA35 | F270 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/18 | F | RA30 | F271 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/18 | F | RA25 | F272 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | | |
| 12/09 | F | RA10 | F291 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/09 | F | RA15 | F292 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/09 | F | RA20 | F293 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/09 | F | RA25 | F294 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/09 | F | RA30 | F295 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/09 | F | RA40 | F296 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30' | SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/09 | F | RA35 | F297 | 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.XCD)

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|-------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|--------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 01/15 | F | RA10 | F016 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 01/15 | F | RA15 | F017 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 01/15 | F | RA20 | F018 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 02/04 | F | RA40 | F019 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 02/04 | F | RA35 | F020 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 02/04 | F | RA30 | F021 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 02/04 | F | RA25 | F022 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 02/04 | F | RA20 | F023 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 02/04 | F | RA15 | F024 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 02/04 | F | RA10 | F025 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/02 | F | RA40 | F043 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/02 | F | RA35 | F044 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/02 | F | RA30 | F045 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/02 | F | RA25 | F046 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/02 | F | RA20 | F047 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/02 | F | RA15 | F048 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 03/02 | F | RA10 | F049 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 04/16 | F | RA40 | F068 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 04/16 | F | RA35 | F069 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 04/16 | F | RA30 | F070 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 04/16 | F | RA25 | F071 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 04/16 | F | RA20 | F072 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 04/16 | F | RA15 | F073 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 04/16 | F | RA11 | F074 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 05/05 | F | RA11 | F092 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 05/05 | F | RA15 | F093 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 05/05 | F | RA20 | F094 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 05/05 | F | RA25 | F095 | PA | 10 | W | 09 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 05/05 | F | RA40 | F096 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 05/05 | F | RA35 | F097 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 05/05 | F | RA30 | F098 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/16 | F | RA11 | F117 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/16 | F | RA15 | F118 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/16 | F | RA20 | F119 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/16 | F | RA25 | F120 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/16 | F | RA30 | F121 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/16 | F | RA40 | F122 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 06/16 | F | RA35 | F123 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 07/14 | F | RA11 | F174 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 07/14 | F | RA15 | F175 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 07/14 | F | RA20 | F176 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 07/14 | F | RA25 | F177 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 07/14 | F | RA30 | F178 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 07/14 | F | RA40 | F179 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 07/14 | F | RA35 | F180 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/11 | F | RA11 | F203 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/11 | F | RA15 | F204 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/11 | F | RA20 | F205 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/11 | F | RA25 | F206 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/11 | F | RA35 | F207 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/11 | F | RA40 | F208 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 08/11 | F | RA30 | F209 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/22 | F | RA11 | F240 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/22 | F | RA15 | F241 | PA | 10 | W | 10 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/22 | F | RA20 | F242 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/22 | F | RA25 | F243 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/22 | F | RA40 | F244 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/22 | F | RA35 | F245 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 09/22 | F | RA30 | F246 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 10/06 | F | RA11 | F270 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/06 | F | RA15 | F271 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/06 | F | RA20 | F272 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/06 | F | RA25 | F273 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/06 | F | RA40 | F274 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/06 | F | RA35 | F275 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 10/06 | F | RA30 | F276 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 11/04 | F | RA11 | F299 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/04 | F | RA15 | F300 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/04 | F | RA20 | F301 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/04 | F | RA25 | F302 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/04 | F | RA40 | F303 | PA | 10 | W | 04 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/04 | F | RA35 | F304 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 11/04 | F | RA30 | F305 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 12/15 | F | RA11 | F361 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/15 | F | RA15 | F362 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/15 | F | RA20 | F363 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/15 | F | RA25 | F364 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/15 | F | RA30 | F365 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/15 | F | RA40 | F366 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | C | UNLINE | 1-1/4" |
| 12/15 | F | RA35 | F367 | 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.XCD)

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|-------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|--------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 01/12 | F | RA11 | F022 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 01/12 | F | RA15 | F023 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 01/12 | F | RA20 | F024 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 01/12 | F | RA25 | F025 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 01/12 | F | RA30 | F026 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 01/12 | F | RA40 | F027 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 01/12 | F | RA35 | F028 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 02/10 | F | RA11 | F063 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 02/10 | F | RA15 | F064 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 02/10 | F | RA20 | F065 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 02/10 | F | RA25 | F066 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 02/17 | F | RA40 | F067 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 02/17 | F | RA35 | F068 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 02/17 | F | RA30 | F069 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 03/11 | F | RA40 | F106 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 03/11 | F | RA35 | F107 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 03/11 | F | RA30 | F108 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 03/11 | F | RA25 | F109 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 03/11 | F | RA20 | F110 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 03/11 | F | RA15 | F111 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 03/11 | F | RA11 | F112 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 04/15 | F | RA11 | F139 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 04/15 | F | RA15 | F140 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 04/15 | F | RA20 | F141 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 04/15 | F | RA25 | F142 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 04/15 | F | RA30 | F143 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 04/15 | F | RA35 | F144 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 04/15 | F | RA40 | F145 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 05/03 | F | RA40 | F146 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/03 | F | RA35 | F147 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/03 | F | RA30 | F148 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/03 | F | RA25 | F149 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/03 | F | RA20 | F150 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/03 | F | RA15 | F151 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/04 | F | RA11 | F152 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 06/01 | F | RA40 | F199 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/01 | F | RA35 | F200 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/01 | F | RA30 | F201 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/01 | F | RA25 | F202 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/01 | F | RA20 | F203 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/01 | F | RA15 | F204 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/01 | F | RA11 | F205 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 07/06 | F | RA40 | F223 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 07/06 | F | RA35 | F224 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 07/06 | F | RA30 | F225 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 07/06 | F | RA25 | F226 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 07/06 | F | RA20 | F227 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 07/06 | F | RA15 | F228 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 07/07 | F | RA11 | F229 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 07/07 | F | RA05 | F230 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 07/07 | F | RA00 | F231 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 08/02 | F | RA40 | F299 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 08/02 | F | RA35 | F300 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 08/02 | F | RA30 | F301 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 08/02 | F | RA25 | F302 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 08/02 | F | RA20 | F303 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 08/02 | F | RA15 | F304 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 08/03 | F | RA11 | F305 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 08/03 | F | RA05 | F306 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 08/03 | F | RA00 | F307 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 09/02 | F | RA15 | F373 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 09/02 | F | RA20 | F374 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 09/02 | F | RA25 | F375 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 09/02 | F | RA30 | F376 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 09/02 | F | RA35 | F377 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 09/02 | F | RA40 | F378 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 09/03 | F | RA11 | F379 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 09/03 | F | RA05 | F380 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 09/03 | F | RA00 | F381 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 10/05 | F | RA15 | F447 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 10/05 | F | RA20 | F448 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 10/05 | F | RA25 | F449 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 10/05 | F | RA30 | F450 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 10/05 | F | RA40 | F451 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 10/05 | F | RA35 | F452 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 10/06 | F | RA11 | F453 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 10/06 | F | RA05 | F454 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 10/06 | F | RA00 | F455 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 11/04 | F | RA15 | F521 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 11/04 | F | RA20 | F522 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 11/04 | F | RA25 | F523 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 11/04 | F | RA30 | F524 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 11/04 | F | RA40 | F525 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 11/04 | F | RA35 | F526 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 11/05 | F | RA11 | F527 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 11/05 | F | RA05 | F528 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 11/05 | F | RA00 | F529 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 12/07 | F | RA15 | F594 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 12/07 | F | RA20 | F595 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 12/07 | F | RA25 | F596 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 12/07 | F | RA30 | F597 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 12/07 | F | RA40 | F598 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 12/07 | F | RA35 | F599 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 12/08 | F | RA11 | F600 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 12/08 | F | RA05 | F601 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 12/08 | F | RA00 | F602 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |

VIMS ICHTHYOLOGY TRAWL SURVEY -1972
 -LISTING BY F.J. WOJCIK MARCH, 1986
 FOR DATA SET (AFISH72.XCD)

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|-------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|--------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 01/13 | F | RA40 | F021 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 01/13 | F | RA35 | F022 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 01/13 | F | RA30 | F023 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 01/13 | F | RA25 | F024 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 01/13 | F | RA20 | F025 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 01/13 | F | RA15 | F026 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 01/13 | F | RA11 | F027 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 01/13 | F | RA05 | F028 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 01/13 | F | RA00 | F029 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 02/17 | F | RA00 | F135 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 02/17 | F | RA05 | F136 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 02/17 | F | RA11 | F137 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 02/17 | F | RA15 | F138 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 02/18 | F | RA40 | F139 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 02/18 | F | RA35 | F140 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 02/18 | F | RA30 | F141 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 02/18 | F | RA25 | F142 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 02/18 | F | RA20 | F143 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 03/16 | F | RA00 | F211 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 03/16 | F | RA05 | F212 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 03/16 | F | RA11 | F213 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 03/16 | F | RA15 | F214 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 03/16 | F | RA20 | F215 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 03/16 | F | RA25 | F216 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 03/17 | F | RA40 | F217 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 03/17 | F | RA35 | F218 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 03/17 | F | RA30 | F219 | PA | 10 | W | 07 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 04/10 | F | RA00 | F240 | LA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 04/10 | F | RA05 | F241 | LA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 04/10 | F | RA11 | F242 | LA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 04/11 | F | RA15 | F243 | LA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 04/11 | F | RA20 | F244 | LA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 04/11 | F | RA25 | F245 | LA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 04/11 | F | RA30 | F246 | LA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 04/11 | F | RA35 | F247 | LA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 04/11 | F | RA40 | F248 | LA | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 05/01 | F | RA00 | F268 | LA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/01 | F | RA05 | F269 | LA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/01 | F | RA11 | F270 | LA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/02 | F | RA15 | F271 | LA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/02 | F | RA20 | F272 | LA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/02 | F | RA25 | F273 | LA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/02 | F | RA30 | F274 | LA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/02 | F | RA35 | F275 | LA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/02 | F | RA40 | F276 | LA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 06/07 | F | RA40 | F316 | PA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/07 | F | RA35 | F317 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/07 | F | RA30 | F318 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/07 | F | RA25 | F319 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/07 | F | RA20 | F320 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/07 | F | RA15 | F321 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/07 | F | RA11 | F322 | PA | 10 | W | 15 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/07 | F | RA05 | F323 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/07 | F | RA00 | F324 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 07/02 | F | RA00 | F437 | LA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 07/02 | F | RA05 | F438 | LA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 07/03 | F | RA10 | F439 | LA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 07/03 | F | RA15 | F440 | LA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 07/03 | F | RA20 | F441 | LA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 07/03 | F | RA25 | F442 | LA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 07/03 | F | RA30 | F443 | LA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 07/03 | F | RA35 | F444 | LA | 10 | W | 08 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 07/03 | F | RA40 | F445 | LA | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 10/30 | F | RA00 | F730 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 10/30 | F | RA05 | F731 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 10/30 | F | RA11 | F732 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 10/31 | F | RA15 | F733 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 10/31 | F | RA15 | F734 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 10/31 | F | RA20 | F735 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 10/31 | F | RA20 | F736 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 10/31 | F | RA25 | F737 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 10/31 | F | RA25 | F738 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 10/31 | F | RA30 | F739 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 10/31 | F | RA30 | F740 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 10/31 | F | RA35 | F741 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 10/31 | F | RA35 | F742 | PA | 10 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 10/31 | F | RA40 | F743 | 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.XCD)

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|-------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|--------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 05/08 | F | RA15 | F429 | LA | 43 | W | 05 | 48"X22" | YES | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/08 | F | RA15 | F430 | LA | 43 | W | 05 | 48"X22" | YES | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/08 | F | RA20 | F431 | LA | 43 | W | 05 | 48"X22" | YES | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/08 | F | RA20 | F432 | LA | 43 | W | 05 | 48"X22" | YES | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/08 | F | RA25 | F433 | LA | 43 | W | 05 | 48"X22" | YES | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/08 | F | RA25 | F434 | LA | 43 | W | 05 | 48"X22" | YES | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/08 | F | RA30 | F435 | LA | 43 | W | 05 | 48"X22" | YES | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/08 | F | RA30 | F436 | LA | 43 | W | 05 | 48"X22" | YES | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/08 | F | RA35 | F437 | LA | 43 | W | 05 | 48"X22" | YES | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 05/08 | F | RA35 | F438 | LA | 43 | W | 05 | 48"X22" | YES | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 06/05 | F | RA15 | F463 | PA | 43 | W | 05 | 48"X22" | YES | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/05 | F | RA15 | F464 | PA | 43 | W | 05 | 48"X22" | YES | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/05 | F | RA20 | F465 | PA | 43 | W | 05 | 48"X22" | YES | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/05 | F | RA20 | F466 | PA | 43 | W | 05 | 48"X22" | YES | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/05 | F | RA25 | F467 | PA | 43 | W | 05 | 48"X22" | YES | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/05 | F | RA25 | F468 | PA | 43 | W | 05 | 48"X22" | YES | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/05 | F | RA30 | F469 | PA | 43 | W | 05 | 48"X22" | YES | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/05 | F | RA30 | F470 | PA | 43 | W | 05 | 48"X22" | YES | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/05 | F | RA35 | F471 | PA | 43 | W | 05 | 48"X22" | YES | 30' | 30'SB | 1-1/2" | N | UNLINE | 1-1/4" |
| 06/05 | F | RA35 | F472 | PA | 43 | W | 05 | 48"X22" | YES | 30' | 30'SB | 1-1/2" | N | L 1/2" | 1-1/4" |
| 06/19 | R | RB002 | A072 | PA | 33 | W | 10 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | L 1/2" | 1-1/4" |
| 06/19 | R | RB001 | A073 | PA | 33 | W | 10 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | L 1/2" | 1-1/4" |
| 06/19 | R | RB003 | A074 | PA | 33 | W | 10 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | L 1/2" | 1-1/4" |
| 06/19 | R | RB004 | A075 | PA | 33 | W | 10 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | L 1/2" | 1-1/4" |
| 06/19 | R | RB005 | A076 | PA | 33 | W | 10 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | L 1/2" | 1-1/4" |
| 06/19 | R | RB006 | A077 | PA | 33 | W | 10 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | L 1/2" | 1-1/4" |
| 06/19 | R | RB007 | A078 | PA | 33 | W | 10 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | L 1/2" | 1-1/4" |
| 06/19 | R | RB008 | A079 | PA | 33 | W | 10 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | L 1/2" | 1-1/4" |
| 06/19 | R | RB009 | A080 | PA | 33 | W | 10 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | L 1/2" | 1-1/4" |
| 06/19 | R | RB010 | A081 | PA | 33 | W | 10 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | L 1/2" | 1-1/4" |
| 06/19 | R | RB011 | A082 | PA | 33 | W | 10 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N | L 1/2" | 1-1/4" |

VIMS ICHTHYOLOGY TRAWL SURVEY -1974
 -LISTING BY F.J. WOJCIK MARCH, 1986
 FOR DATA SET (AFISH74.XCD)

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|-------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|-------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 01/23 | F | RA091 | A072 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA090 | A073 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA089 | A074 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA087 | A075 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA086 | A076 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA085 | A077 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA084 | A078 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA082 | A079 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA081 | A080 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA080 | A081 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA079 | A082 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA077 | A083 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA076 | A084 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA075 | A085 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA074 | A086 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA073 | A087 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA071 | A088 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA070 | A089 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA069 | A090 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA067 | A091 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA066 | A092 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA065 | A093 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA064 | A094 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA062 | A095 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA061 | A096 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA060 | A097 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA059 | A098 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA057 | A099 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA056 | A100 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA055 | A101 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | F | RA054 | A102 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA052 | A103 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA051 | A104 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA050 | A105 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA049 | A106 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA047 | A107 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA046 | A108 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 01/24 | F | RA045 | A109 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA044 | A110 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA042 | A111 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA041 | A112 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA040 | A113 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA039 | A114 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA037 | A115 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA036 | A116 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA035 | A117 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA034 | A118 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA032 | A119 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA031 | A120 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA030 | A121 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA029 | A122 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA027 | A123 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA026 | A124 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA025 | A125 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA024 | A126 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA022 | A127 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA021 | A128 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA020 | A129 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA019 | A130 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | F | RA017 | A131 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | F | RA016 | A132 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | F | RA015 | A133 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | F | RA014 | A134 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | F | RA012 | A135 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | F | RA011 | A136 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | F | RA010 | A137 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | F | RA009 | A138 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | F | RA007 | A139 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | F | RA006 | A140 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | F | RA005 | A141 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | F | RA004 | A142 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | F | RA002 | A143 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | F | RA001 | A144 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | F | RA000 | A145 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|--------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|-------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 07/17 | R | CBRA01 | I730 | LA | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/17 | R | CBRA02 | I731 | LA | 33 | W | 04 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/17 | R | CBRA03 | I732 | LA | 33 | W | 06 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/17 | R | CBRA04 | I733 | LA | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/17 | R | CBRA05 | I734 | LA | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/17 | R | CBRA06 | I735 | LA | 33 | W | 06 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/17 | R | CBRA07 | I736 | LA | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/17 | R | CBRA08 | I737 | LA | 33 | W | 06 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/17 | R | CBRA09 | I738 | LA | 33 | W | 06 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/17 | R | CBRA10 | I739 | LA | 33 | W | 06 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/17 | R | CBRA11 | I740 | LA | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/17 | R | CBRA12 | I741 | LA | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/17 | R | CBRA13 | I742 | LA | 33 | W | 07 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/17 | R | CBRA14 | I743 | LA | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/17 | R | CBRA15 | I744 | LA | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/17 | R | CBRA16 | I745 | LA | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/17 | R | CBRA17 | I746 | LA | 33 | W | 04 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 09/18 | F | RA025 | A335 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/18 | F | RA030 | A336 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/18 | F | RA035 | A337 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/18 | F | RA040 | A338 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/18 | F | RA045 | A339 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/18 | F | RA050 | A340 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/19 | F | RA055 | A341 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/19 | F | RA060 | A342 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/19 | F | RA065 | A343 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/19 | F | RA070 | A344 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/19 | F | RA075 | A345 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/19 | F | RA080 | A346 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/19 | F | RA086 | A347 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |

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

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|--------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|-------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 01/16 | R | RA001 | A064 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/16 | R | RA0011 | A065 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/16 | R | RA0023 | A066 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA0892 | A067 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA0882 | A068 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA0863 | A069 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA086 | A070 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA0833 | A071 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA0812 | A072 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA081 | A073 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA0793 | A074 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA0781 | A075 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA0761 | A076 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA075 | A077 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA074 | A078 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA0732 | A079 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA0711 | A080 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA070 | A081 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA0683 | A082 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA0673 | A083 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA067 | A084 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA066 | A085 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA0633 | A086 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA0631 | A087 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA0621 | A088 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA061 | A089 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA0591 | A090 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA058 | A091 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA0561 | A092 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA0552 | A093 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA0533 | A094 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA0523 | A095 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA0513 | A096 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA051 | A097 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA0492 | A098 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA0473 | A099 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 01/23 | R | RA0463 | A100 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA046 | A101 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA0433 | A102 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA0423 | A103 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA0413 | A104 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA040 | A105 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA0392 | A106 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA0381 | A107 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA037 | A108 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA035 | A109 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA0342 | A110 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA033 | A111 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA0312 | A112 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA0302 | A113 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA0292 | A114 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA0272 | A115 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA027 | A116 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA0252 | A117 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA024 | A118 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA0222 | A119 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA022 | A120 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA021 | A121 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA0152 | A122 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA0163 | A123 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA0172 | A124 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA0192 | A125 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA021 | A126 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA017 | A127 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA0141 | A128 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA0132 | A129 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA0121 | A130 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA0122 | A131 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA0103 | A132 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA0083 | A133 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA0082 | A134 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA007 | A135 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA007 | A136 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA0051 | A137 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA004 | A138 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA0023 | A139 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 07/09 | R | CBRA45 | I545 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/09 | R | CBRA44 | I546 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/09 | R | CBRA43 | I547 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/09 | R | CBRA42 | I548 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | R | CBRA41 | I568 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | R | CBRA40 | I569 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | R | CBRA39 | I570 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | R | CBRA38 | I571 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | R | CBRA37 | I572 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | R | CBRA36 | I573 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | R | CBRA35 | I574 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | R | CBRA34 | I575 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | R | CBRA33 | I576 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | R | CBRA32 | I577 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | R | CBRA31 | I578 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | R | CBRA30 | I579 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | R | CBRA29 | I580 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | R | CBRA28 | I581 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | R | CBRA27 | I582 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | R | CBRA26 | I583 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | R | CBRA25 | I584 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | R | CBRA24 | I585 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | R | CBRA23 | I586 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | R | CBRA22 | I587 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | R | CBRA21 | I588 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/11 | R | CBRA20 | I589 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/11 | R | CBRA19 | I590 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/11 | R | CBRA18 | I591 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/11 | R | CBRA17 | I592 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/11 | R | CBRA15 | I593 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/11 | R | CBRA16 | I594 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/11 | R | CBRA14 | I595 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/11 | R | CBRA12 | I596 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/11 | R | CBRA13 | I597 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/11 | R | CBRA11 | I598 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 07/11 | R | CBRA10 | I599 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/11 | R | CBRA09 | I600 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/11 | R | CBRA08 | I601 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/11 | R | CBRA07 | I602 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/11 | R | CBRA06 | I603 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/11 | R | CBRA03 | I604 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/11 | R | CBRA05 | I605 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/11 | R | CBRA04 | I606 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/11 | R | CBRA02 | I607 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/11 | R | CBRA01 | I608 | PA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/02 | F | RA000 | A409 | LA | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/02 | F | RA005 | A410 | LA | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/03 | F | RA010 | A411 | LA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/03 | F | RA015 | A412 | LA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/03 | F | RA020 | A413 | LA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/03 | F | RA025 | A414 | LA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/03 | F | RA030 | A415 | LA | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/03 | F | RA001 | A416 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/03 | F | RA002 | A417 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/03 | F | RA005 | A418 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/03 | F | RA003 | A419 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/03 | F | RA004 | A420 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/03 | F | RA001 | A421 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/03 | F | RA002 | A422 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/03 | F | RA003 | A423 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/04 | F | RA035 | A424 | LA | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/04 | F | RA040 | A425 | LA | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/04 | F | RA045 | A426 | LA | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/04 | F | RA050 | A427 | LA | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/04 | F | RA055 | A428 | LA | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/04 | F | RA050 | A429 | LA | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/04 | F | RA055 | A430 | LA | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/04 | F | RA070 | A431 | LA | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/04 | F | RA075 | A432 | LA | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/04 | F | RA080 | A433 | LA | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/04 | F | RA085 | A434 | LA | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/04 | F | RA003 | A435 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/04 | F | RA002 | A436 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/04 | F | RA001 | A437 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/04 | F | RA002 | A438 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/04 | F | RA001 | A439 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'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.XCD)

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|---------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|-------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 02/05 | R | RA0001 | A205 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/05 | R | SRA001 | A206 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/05 | R | RA0011 | A207 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/05 | R | RA0031 | A208 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/05 | R | RA0041 | A209 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/05 | R | RA0051 | A210 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/05 | R | RA0062 | A211 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/05 | R | SRA007 | A212 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/05 | R | RA0081 | A213 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/05 | R | RA0091 | A214 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/05 | R | RA0102 | A215 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/05 | R | RA0113 | A216 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/05 | R | RA0122 | A217 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/05 | R | SRA013 | A218 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/05 | R | RA014 | A219 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/09 | R | SRA015 | A220 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/09 | R | RA0151 | A221 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/09 | R | RA0171 | A222 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/09 | R | RA018 | A223 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/09 | R | RA0193 | A224 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/09 | R | RA0203 | A225 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/09 | R | RA0213 | A226 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/09 | R | SRA0221 | A227 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/09 | R | RA0232 | A228 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/09 | R | RA0233 | A229 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/09 | R | RA0251 | A230 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/09 | R | RA0271 | A231 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/09 | R | RA0282 | A232 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/09 | R | RA0291 | A233 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA0303 | A234 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA032 | A235 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA0331 | A236 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA034 | A237 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA036 | A238 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 02/10 | R | RA0362 | A239 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA0373 | A240 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA0393 | A241 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA041 | A242 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA0421 | A243 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA0431 | A244 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA0441 | A245 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA045 | A246 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA047 | A247 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA0473 | A248 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA049 | A249 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA050 | A250 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA0513 | A251 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA0523 | A252 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA0533 | A253 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA0552 | A254 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA0562 | A255 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA058 | A256 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA0591 | A257 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA0602 | A258 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA062 | A259 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA0632 | A260 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA0642 | A261 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA0652 | A262 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA067 | A263 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA068 | A264 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/10 | R | RA0692 | A265 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/11 | R | RA070 | A266 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/11 | R | RA072 | A267 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/11 | R | RA0722 | A268 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/11 | R | RA074 | A269 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/11 | R | RA0753 | A270 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/11 | R | RA0763 | A271 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/11 | R | RA0773 | A272 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/11 | R | RA0793 | A273 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/11 | R | RA0802 | A274 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/11 | R | RA0813 | A275 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/11 | R | RA0822 | A276 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/11 | R | RA0833 | A277 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 02/11 | R | RA0851 | A278 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/11 | R | RA0862 | A279 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/11 | R | RA0873 | A280 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 02/11 | R | RA0883 | A281 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA007B | I506 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA015B | I507 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA002F | I508 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA002F | I509 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA004F | I510 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA033A | I511 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA012F | I512 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA011F | I513 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA042A | I514 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA051A | I515 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA024B | I516 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA021B | I517 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA046D | I518 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA035E | I519 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA039E | I520 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA022F | I521 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA042D | I522 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA063A | I523 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA066A | I524 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA027E | I525 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA033B | I591 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA069D | I592 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA060E | I593 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA077D | I594 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA072D | I595 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA066E | I596 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA072D | I597 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA095A | I598 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA087D | I599 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA106D | I600 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA082E | I601 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA050B | I602 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA110D | I603 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH | |
| 07/14 | R | RA108A | I604 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA117D | I605 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA114D | I606 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA108D | I607 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA102A | I608 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA104A | I609 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA105A | I610 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA106A | I611 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA035G | I637 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA040G | I638 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA015G | I639 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA025G | I640 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA007J | I641 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA003J | I642 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA004I | I643 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA013J | I644 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA023G | I645 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA036J | I646 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA014K | I647 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA023I | I648 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA029G | I649 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA034I | I650 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA033I | I651 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA047I | I652 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA082G | I653 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA095G | I654 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA104G | I655 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA033H | I656 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA025H | I674 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA046J | I675 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA051H | I676 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA056I | I677 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA032K | I678 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA058J | I679 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA121G | I680 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA119G | I681 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA070H | I682 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA067I | I683 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16' | SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA066H | I684 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 07/19 | R | RA137G | I685 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA080H | I686 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA146G | I687 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA190G | I688 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA173G | I689 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA076J | I690 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA084H | I691 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA166B | I692 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA147G | I693 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA141G | I694 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA010L | I695 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA011L | I696 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/20 | R | RA080L | I697 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/20 | R | RA061L | I698 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/20 | R | RA038L | I699 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/20 | R | RA003O | I700 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/20 | R | RA007M | I701 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/20 | R | RA001L | I702 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/20 | R | RA013L | I703 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/20 | R | RA036L | I704 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/20 | R | RA009O | I705 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/20 | R | RA086L | I706 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/20 | R | RA096L | I707 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/20 | R | RA095L | I708 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/20 | R | RA064L | I709 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/20 | R | RA073L | I710 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/20 | R | RA081L | I711 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/20 | R | RA021O | I712 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/20 | R | RA035M | I713 | RE | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/20 | R | RA040M | I714 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/20 | R | RA046M | I715 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/20 | R | RA153L | I716 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/20 | R | RA002P | I717 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA068R | I752 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA102R | I753 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA003V | I754 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA041T | I755 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA098R | I756 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA120R | I757 | 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 | T'HD | LINER | BAG |
|-------|---|--------|------|----|----|---|-----|---------|------|-----|-------|--------|------|-------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 07/21 | R | RA037T | I758 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA105R | I759 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA039T | I760 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA111R | I761 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA113R | I762 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA011U | I763 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA073R | I764 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA008U | I765 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA055R | I766 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA039R | I767 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA010T | I768 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA012T | I769 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA005U | I770 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA025R | I771 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA027R | I772 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA032R | I773 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA014R | I774 | RE | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/21 | R | RA003R | I775 | RE | 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.XCD)

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|-------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|-------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 03/08 | R | RA373 | I078 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA190 | I079 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA363 | I080 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA359 | I081 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA466 | I082 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA466 | I083 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA339 | I084 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA338 | I085 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA337 | I086 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA456 | I087 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA455 | I088 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA147 | I089 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA137 | I090 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA002 | I091 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA334 | I092 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA134 | I093 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA139 | I094 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA145 | I095 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA158 | I096 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA349 | I097 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA177 | I098 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA474 | I099 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA191 | I100 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA019 | I101 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA208 | I102 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA381 | I103 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/08 | R | RA211 | I104 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA255 | I105 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA235 | I106 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA236 | I107 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA026 | I108 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA231 | I109 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA223 | I110 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA217 | I111 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA215 | I112 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA386 | I113 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 03/09 | R | RA492 | I114 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA493 | I115 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA497 | I116 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA272 | I117 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA414 | I118 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA410 | I119 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA043 | I120 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA044 | I121 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA515 | I122 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA274 | I123 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA277 | I124 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA276 | I125 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA049 | I126 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA054 | I127 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA058 | I128 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA285 | I129 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA520 | I130 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA430 | I131 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA518 | I132 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/09 | R | RA426 | I133 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/10 | R | RA440 | I134 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/10 | R | RA441 | I135 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/10 | R | RA295 | I136 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/10 | R | RA076 | I137 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/10 | R | RA443 | I138 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/10 | R | RA305 | I139 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/10 | R | RA307 | I140 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/10 | R | RA096 | I141 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/10 | R | RA099 | I142 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/10 | R | RA315 | I143 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/10 | R | RA316 | I144 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/10 | R | RA103 | I145 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/10 | R | RA326 | I146 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/10 | R | RA115 | I147 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/10 | R | RA132 | I148 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/10 | R | RA450 | I149 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/10 | R | RA451 | I150 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/10 | R | RA804 | I151 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 03/10 | R | RA814 | I152 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 07/05 | R | RA679 | I198 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/05 | R | RA680 | I199 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/05 | R | RA682 | I200 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/05 | R | RA119 | I201 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/05 | R | RA689 | I202 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/05 | R | RA690 | I203 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/05 | R | RA691 | I204 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/05 | R | RA692 | I205 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/05 | R | RA686 | I206 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/05 | R | RA687 | I207 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/06 | R | RA121 | I241 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/06 | R | RA695 | I242 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/06 | R | RA698 | I243 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/06 | R | RA699 | I244 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/06 | R | RA125 | I245 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/06 | R | RA331 | I246 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/06 | R | RA127 | I247 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/06 | R | RA706 | I248 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/06 | R | RA708 | I249 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/06 | R | RA709 | I250 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/06 | R | RA333 | I251 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/06 | R | RA811 | I252 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/06 | R | RA802 | I253 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/06 | R | RA715 | I254 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/06 | R | RA335 | I255 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/06 | R | RA132 | I256 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/07 | R | RA114 | I281 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/07 | R | RA676 | I282 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/07 | R | RA674 | I283 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/07 | R | RA673 | I284 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/07 | R | RA323 | I285 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/07 | R | RA671 | I286 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/07 | R | RA670 | I287 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/07 | R | RA317 | I288 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/07 | R | RA104 | I289 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/07 | R | RA669 | I290 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/07 | R | RA315 | I291 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/07 | R | RA099 | I292 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/07 | R | RA668 | I293 | BR | 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 | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 07/12 | R | RA664 | I345 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA662 | I346 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA649 | I347 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA658 | I348 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA654 | I349 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA632 | I350 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA088 | I351 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA301 | I352 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA449 | I353 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA297 | I354 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA448 | I355 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA615 | I356 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA613 | I357 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA600 | I358 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA590 | I359 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA585 | I360 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA578 | I361 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/12 | R | RA576 | I362 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/13 | R | RA619 | I390 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/13 | R | RA610 | I391 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/13 | R | RA603 | I392 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/13 | R | RA593 | I393 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/13 | R | RA445 | I394 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/13 | R | RA444 | I395 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/13 | R | RA077 | I396 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/13 | R | RA580 | I397 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/13 | R | RA575 | I398 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/13 | R | RA440 | I399 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/13 | R | RA439 | I400 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/13 | R | RA437 | I401 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/13 | R | RA071 | I402 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/13 | R | RA068 | I403 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/13 | R | RA067 | I404 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/13 | R | RA570 | I405 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/13 | R | RA567 | I406 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/13 | R | RA434 | I407 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/13 | R | RA435 | I408 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA548 | I424 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA552 | I425 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 07/14 | R | RA553 | I426 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA558 | I427 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA559 | I428 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA561 | I429 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA562 | I430 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA563 | I431 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA525 | I432 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA287 | I433 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA285 | I434 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA522 | I435 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA057 | I436 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA282 | I437 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA279 | I438 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA054 | I439 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA051 | I440 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA276 | I441 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/14 | R | RA426 | I442 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA415 | I453 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA275 | I454 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA547 | I455 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA546 | I456 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA543 | I457 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA040 | I458 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA271 | I459 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA542 | I460 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/15 | R | RA034 | I461 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/18 | R | RA261 | I462 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/18 | R | RA230 | I463 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/18 | R | RA220 | I464 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/18 | R | RA210 | I465 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/18 | R | RA207 | I466 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/18 | R | RA374 | I467 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/18 | R | RA370 | I468 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/18 | R | RA538 | I469 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/18 | R | RA540 | I470 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/18 | R | RA484 | I471 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/18 | R | RA194 | I472 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/18 | R | RA190 | I473 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/18 | R | RA487 | I474 | BR | 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 | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 07/18 | R | RA491 | I475 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/18 | R | RA389 | I476 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/18 | R | RA217 | I477 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/18 | R | RA025 | I478 | BR | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA020 | I495 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA537 | I496 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA535 | I497 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA533 | I498 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA534 | I499 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA198 | I500 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA184 | I501 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA185 | I502 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA353 | I503 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA339 | I504 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA456 | I505 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA003 | I506 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA009 | I507 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA343 | I508 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA531 | I509 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA170 | I510 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA383 | I511 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/19 | R | RA495 | I512 | BR | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2" | N L | 1/2" | 1-1/4" |

VIMS ICHTHYOLOGY TRAWL SURVEY -1978
 -LISTING BY F.J. WOJCIK MARCH, 1986
 FOR DATA SET (AFISH78.XCD)

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|-------|------|----|----|---|-----|---------|------|-----|-------|-------|-----|-------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 01/30 | R | RA498 | I047 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA497 | I048 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA496 | I049 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA239 | I050 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA251 | I051 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA250 | I052 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA223 | I053 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA217 | I054 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA388 | I055 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA211 | I056 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA209 | I057 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA488 | I058 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA385 | I059 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA216 | I060 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA221 | I061 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA230 | I062 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA264 | I063 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA266 | I064 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA034 | I065 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA036 | I066 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA399 | I067 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA411 | I068 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA413 | I069 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA416 | I070 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA422 | I071 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA423 | I072 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA046 | I073 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/30 | R | RA042 | I074 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/31 | R | RA116 | I075 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/31 | R | RA329 | I076 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/31 | R | RA321 | I077 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/31 | R | RA319 | I078 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/31 | R | RA315 | I079 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/31 | R | RA294 | I080 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/31 | R | RA070 | I081 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/31 | R | RA439 | I082 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 01/31 | R | RA437 | I083 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/31 | R | RA436 | I084 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/31 | R | RA071 | I085 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/31 | R | RA288 | I086 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/31 | R | RA523 | I087 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/31 | R | RA521 | I088 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/31 | R | RA283 | I089 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/31 | R | RA519 | I090 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/31 | R | RA058 | I091 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/31 | R | RA053 | I092 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/31 | R | RA278 | I093 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 01/31 | R | RA276 | I094 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| | | | | | | | | | | | | | | | |
| 02/01 | R | RA486 | I095 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 02/01 | R | RA194 | I096 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 02/01 | R | RA364 | I097 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 02/01 | R | RA206 | I098 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 02/01 | R | RA370 | I099 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 02/01 | R | RA479 | I100 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 02/01 | R | RA475 | I101 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 02/01 | R | RA472 | I102 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 02/01 | R | RA193 | I103 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 02/01 | R | RA187 | I104 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 02/01 | R | RA180 | I105 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 02/01 | R | RA467 | I106 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 02/01 | R | RA168 | I107 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 02/01 | R | RA341 | I108 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 02/01 | R | RA340 | I109 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 02/01 | R | RA338 | I110 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 02/01 | R | RA005 | I111 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 02/01 | R | RA145 | I112 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 02/01 | R | RA454 | I113 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 02/01 | R | RA336 | I114 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 02/01 | R | RA147 | I115 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 02/01 | R | RA002 | I116 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 07/07 | R | RA701 | I518 | JS | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/07 | R | RA702 | I519 | JS | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/07 | R | RA128 | I520 | JS | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/07 | R | RA714 | I521 | JS | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/07 | R | RA335 | I522 | JS | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/07 | R | RA452 | I523 | JS | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/07 | R | RA453 | I524 | JS | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/07 | R | RA806 | I525 | JS | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/07 | R | RA808 | I526 | JS | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/07 | R | RA814 | I527 | JS | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/10 | R | RA118 | I549 | JS | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/10 | R | RA680 | I550 | JS | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/10 | R | RA117 | I551 | JS | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/10 | R | RA328 | I552 | JS | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/10 | R | RA111 | I553 | JS | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/10 | R | RA671 | I554 | JS | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/10 | R | RA660 | I555 | JS | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/10 | R | RA659 | I556 | JS | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/10 | R | RA647 | I557 | JS | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/10 | R | RA642 | I558 | JS | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/10 | R | RA646 | I559 | JS | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/10 | R | RA638 | I560 | JS | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/11 | R | RA536 | I576 | JS | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA409 | I744 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA511 | I745 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA543 | I746 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA544 | I747 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA048 | I748 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA051 | I749 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA553 | I750 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA280 | I751 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA430 | I752 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA517 | I753 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA284 | I754 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA286 | I755 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA524 | I756 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA564 | I757 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA431 | I758 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA563 | I759 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA436 | I760 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA071 | I761 | TD | 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 | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 07/27 | R | RA572 | I762 | TD | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA527 | I763 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA595 | I764 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA591 | I765 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA084 | I766 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA085 | I767 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA628 | I768 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA307 | I769 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA091 | I770 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA306 | I771 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/27 | R | RA305 | I772 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/28 | R | RA508 | I773 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/28 | R | RA507 | I774 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/28 | R | RA262 | I775 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/28 | R | RA263 | I776 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/28 | R | RA025 | I777 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/28 | R | RA245 | I778 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/28 | R | RA250 | I779 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/28 | R | RA258 | I780 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/28 | R | RA488 | I781 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/28 | R | RA489 | I782 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/28 | R | RA370 | I783 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/28 | R | RA201 | I784 | TD | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/28 | R | RA202 | I785 | TD | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/28 | R | RA203 | I786 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/28 | R | RA198 | I787 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/28 | R | RA016 | I788 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/28 | R | RA354 | I789 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/28 | R | RA353 | I790 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/28 | R | RA349 | I791 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/28 | R | RA362 | I792 | TD | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/31 | R | RA002 | I793 | TD | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/31 | R | RA136 | I794 | TD | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/31 | R | RA150 | I795 | TD | 35 | W | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/31 | R | RA340 | I796 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/31 | R | RA341 | I797 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/31 | R | RA163 | I798 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/31 | R | RA164 | I799 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/31 | R | RA153 | I800 | TD | 35 | A | 05 | 24"X12" | NO | UNK | 16'SB | 1-1/2 | N L | 1/2" | 1 1/4" |
| 07/31 | R | RA001 | I801 | TD | 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.XCD)

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|-------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|-------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 01/22 | R | RA010 | I148 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA161 | I149 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA152 | I150 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA144 | I151 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA148 | I152 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA149 | I153 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA009 | I154 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA007 | I155 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA456 | I156 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA458 | I157 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA459 | I158 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/22 | R | RA344 | I159 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA453 | I173 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA452 | I174 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA451 | I175 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA450 | I176 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA327 | I177 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA113 | I178 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA329 | I179 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA314 | I180 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA313 | I181 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA099 | I182 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA095 | I183 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA300 | I184 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA084 | I185 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA078 | I186 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA294 | I187 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA069 | I188 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA434 | I189 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA433 | I190 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/23 | R | RA526 | I191 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA051 | I215 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA427 | I216 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA279 | I217 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA280 | I218 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA285 | I219 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA286 | I220 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA521 | I221 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|-------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|-------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 01/24 | R | RA057 | I222 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA429 | I223 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA420 | I224 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA515 | I225 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA417 | I226 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA510 | I227 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA409 | I228 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA509 | I229 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA505 | I230 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA504 | I231 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA395 | I232 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA393 | I233 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA493 | I234 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA229 | I235 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA027 | I236 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA221 | I237 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA220 | I238 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA213 | I239 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA488 | I240 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA388 | I241 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA217 | I242 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/24 | R | RA258 | I243 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | R | RA376 | I258 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | R | RA207 | I259 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | R | RA370 | I260 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | R | RA372 | I261 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | R | RA371 | I262 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | R | RA484 | I263 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | R | RA195 | I264 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | R | RA362 | I265 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | R | RA176 | I266 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/25 | R | RA019 | I267 | LA | 33 | W | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/26 | R | RA184 | I276 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/26 | R | RA014 | I277 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/26 | R | RA178 | I278 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/26 | R | RA178 | I279 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/26 | R | RA175 | I280 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/26 | R | RA170 | I281 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/26 | R | RA169 | I282 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 01/26 | R | RA348 | I283 | LA | 33 | A | 25 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAC |
|-------|---|-------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|-------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 05/08 | F | RA015 | I494 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 05/08 | F | RA015 | I495 | PA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 05/08 | F | RA020 | I496 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 05/08 | F | RA020 | I497 | PA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 05/08 | F | RA025 | I498 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 05/08 | F | RA025 | I499 | PA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 05/08 | F | RA030 | I500 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 05/08 | F | RA030 | I501 | PA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 05/08 | F | RA035 | I502 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 05/08 | F | RA035 | I503 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 06/13 | F | RA015 | I536 | PA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 06/13 | F | RA015 | I537 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 06/13 | F | RA020 | I538 | PA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 06/13 | F | RA020 | I539 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 06/13 | F | RA025 | I540 | PA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 06/13 | F | RA025 | I541 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 06/13 | F | RA030 | I542 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 06/13 | F | RA030 | I543 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 06/13 | F | RA035 | I544 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 06/13 | F | RA035 | I545 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | F | RA015 | I586 | PA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | F | RA015 | I587 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | F | RA020 | I588 | PA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | F | RA020 | I589 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | F | RA025 | I590 | PA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | F | RA025 | I591 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | F | RA030 | I592 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | F | RA030 | I593 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | F | RA035 | I594 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 07/10 | F | RA035 | I595 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 08/07 | F | RA015 | I618 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 08/07 | F | RA015 | I619 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 08/07 | F | RA020 | I620 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 08/07 | F | RA020 | I621 | PA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 08/07 | F | RA025 | I622 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 08/07 | F | RA025 | I623 | PA | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 08/07 | F | RA030 | I624 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 08/07 | F | RA030 | I625 | PA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 08/07 | F | RA035 | I626 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 08/07 | F | RA035 | I627 | PA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/12 | F | RA015 | I671 | PA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/12 | F | RA015 | I672 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/12 | F | RA020 | I673 | PA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/12 | F | RA020 | I674 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/12 | F | RA025 | I675 | PA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/12 | F | RA025 | I676 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/12 | F | RA030 | I677 | PA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/12 | F | RA030 | I678 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 09/12 | F | RA035 | I679 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 10/16 | F | RA015 | I715 | PA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 10/16 | F | RA015 | I716 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 10/16 | F | RA020 | I717 | PA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 10/16 | F | RA020 | I718 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 10/16 | F | RA025 | I719 | PA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 10/16 | F | RA025 | I720 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 10/16 | F | RA030 | I721 | PA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 10/16 | F | RA030 | I722 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 10/16 | F | RA035 | I723 | PA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 10/16 | F | RA035 | I724 | PA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 11/16 | F | RA015 | I762 | LA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 11/16 | F | RA015 | I763 | LA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 11/16 | F | RA020 | I764 | LA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 11/16 | F | RA020 | I765 | LA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 11/16 | F | RA025 | I766 | LA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 11/16 | F | RA025 | I767 | LA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 11/16 | F | RA030 | I768 | LA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 11/16 | F | RA030 | I769 | LA | 68 | W | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 11/16 | F | RA035 | I770 | LA | 68 | A | 05 | 54"X25" | YES | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 11/16 | F | RA035 | I771 | LA | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 12/13 | R | RA338 | I807 | JS | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 12/13 | R | RA458 | I808 | JS | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 12/13 | R | RA479 | I809 | JS | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 12/13 | R | RA493 | I810 | JS | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 12/13 | R | RA503 | I811 | JS | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 12/13 | R | RA284 | I812 | JS | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 12/13 | R | RA294 | I813 | JS | 33 | W | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 12/13 | R | RA295 | I814 | JS | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 12/13 | R | RA299 | I815 | JS | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 12/13 | R | RA301 | I816 | JS | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 12/13 | R | RA516 | I817 | JS | 33 | A | 05 | 48"X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/2" | 1-1/4" |
| 12/13 | R | RA510 | I818 | 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.XCD)

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|-------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|-------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 02/14 | R | RA464 | I042 | PA | 33 | W | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 02/14 | R | RA473 | I043 | PA | 33 | W | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 02/14 | R | RA478 | I044 | PA | 33 | W | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 02/14 | R | RA487 | I045 | PA | 33 | W | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 02/14 | R | RA500 | I046 | PA | 33 | W | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 02/14 | R | RA511 | I047 | PA | 33 | W | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 02/14 | R | RA519 | I048 | PA | 33 | W | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 02/14 | R | RA523 | I049 | PA | 33 | W | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 02/14 | R | RA435 | I050 | PA | 33 | W | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 02/14 | R | RA445 | I051 | PA | 33 | A | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 02/14 | R | RA447 | I052 | PA | 33 | A | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 02/14 | R | RA307 | I053 | PA | 33 | A | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 02/14 | R | RA312 | I054 | PA | 33 | A | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| | | | | | | | | | | | | | | | |
| 03/12 | R | RA468 | I111 | PA | 33 | W | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 03/24 | R | RA517 | I112 | PA | 33 | A | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 03/24 | R | RA524 | I113 | PA | 33 | A | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 03/24 | R | RA434 | I114 | PA | 33 | A | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 03/24 | R | RA304 | I115 | PA | 33 | A | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 03/24 | R | RA311 | I116 | PA | 33 | W | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 03/24 | R | RA447 | I117 | PA | 33 | W | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 03/24 | R | RA509 | I118 | PA | 33 | W | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 03/24 | R | RA504 | I119 | PA | 33 | W | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 03/24 | R | RA497 | I120 | PA | 33 | W | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 03/24 | R | RA434 | I121 | PA | 33 | W | 05 | 48'X22' | NO | 30' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |
| 03/24 | R | RA472 | I122 | PA | 33 | W | 05 | 48'X22" | NO | 30' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| | | | | | | | | | | | | | | | |
| 05/06 | F | RA035 | I162 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 05/06 | F | RA025 | I163 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 05/06 | F | RA030 | I164 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 05/06 | F | RA030 | I165 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 05/06 | F | RA025 | I166 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 05/06 | F | RA025 | I167 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 05/06 | F | RA020 | I168 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 05/06 | F | RA020 | I169 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 05/06 | F | RA015 | I170 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 05/06 | F | RA015 | I171 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 06/03 | F | RA035 | I200 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 06/03 | F | RA035 | I201 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 06/03 | F | RA030 | I202 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 06/03 | F | RA030 | I203 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 06/03 | F | RA025 | I204 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 06/03 | F | RA025 | I205 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 06/03 | F | RA020 | I206 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 06/03 | F | RA020 | I207 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 06/03 | F | RA015 | I208 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 06/03 | F | RA015 | I209 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 06/03 | F | RA457* | I210 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 07/08 | F | RA035 | I276 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 07/08 | F | RA035 | I277 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 07/08 | F | RA030 | I278 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 07/08 | F | RA030 | I279 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 07/08 | F | RA025 | I280 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 07/08 | F | RA025 | I281 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 07/08 | F | RA020 | I282 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 07/08 | F | RA020 | I283 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 07/08 | F | RA015 | I284 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 07/08 | F | RA015 | I285 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 07/08 | F | RA002 | I286 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 08/06 | F | RA035 | I312 | PA | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 08/06 | F | RA035 | I313 | PA | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 08/06 | F | RA030 | I314 | PA | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 08/06 | F | RA030 | I315 | PA | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 08/06 | F | RA025 | I316 | PA | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |

* The FIXED (F) station designations RA457 and RA002 are used interchangeably for this station from 1980 on.

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|-------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|-------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 08/06 | F | RA025 | I317 | PA | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 08/06 | F | RA020 | I318 | PA | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 08/06 | F | RA020 | I319 | PA | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 08/06 | F | RA015 | I320 | PA | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 08/06 | F | RA015 | I321 | PA | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 08/06 | F | RA002 | I322 | PA | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| | | | | | | | | | | | | | | | |
| 09/03 | F | RA035 | I351 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 09/03 | F | RA035 | I352 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 09/03 | F | RA030 | I353 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 09/03 | F | RA030 | I354 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 09/03 | F | RA025 | I355 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 09/03 | F | RA025 | I356 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 09/03 | F | RA020 | I357 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 09/03 | F | RA020 | I358 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 09/03 | F | RA015 | I359 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 09/03 | F | RA015 | I360 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 09/03 | F | RA002 | I361 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 09/30 | F | RA035 | I409 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 09/30 | F | RA035 | I410 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 09/30 | F | RA030 | I411 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 09/30 | F | RA030 | I412 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 09/30 | F | RA025 | I413 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 09/30 | F | RA025 | I414 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 09/30 | F | RA020 | I415 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 09/30 | F | RA020 | I416 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 09/30 | F | RA015 | I417 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 09/30 | F | RA015 | I418 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 09/30 | F | RA002 | I419 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| | | | | | | | | | | | | | | | |
| 11/04 | F | RA035 | I461 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 11/04 | F | RA035 | I462 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 11/04 | F | RA030 | I463 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 11/04 | F | RA030 | I464 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 11/04 | F | RA025 | I465 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 11/04 | F | RA020 | I466 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 11/04 | F | RA020 | I467 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 11/04 | F | RA015 | I468 | JS | 70 | A | 07 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 11/04 | F | RA015 | I469 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 11/04 | F | RA002 | I470 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| | | | | | | | | | | | | | | | |
| 12/01 | R | RA458 | I517 | PA | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 12/01 | R | RA467 | I518 | PA | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 12/01 | R | RA486 | I519 | PA | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 12/01 | R | RA489 | I520 | PA | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 12/01 | R | RA503 | I521 | PA | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 12/01 | R | RA512 | I522 | PA | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 12/02 | R | RA325 | I523 | PA | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 12/02 | R | RA321 | I524 | PA | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 12/02 | R | RA312 | I525 | PA | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 12/02 | R | RA307 | I526 | PA | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 12/02 | R | RA446 | I527 | PA | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 12/02 | R | RA527 | I528 | PA | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 12/02 | R | RA434 | I529 | PA | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 12/02 | R | RA521 | I530 | PA | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1 1/4" |
| 12/02 | R | RA514 | I531 | PA | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2' | N L | 1/2' | 1 1/4" |

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

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|-------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|-------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 03/02 | R | RA464 | I077 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/02 | R | RA474 | I078 | JA | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/02 | R | RA364 | I079 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/02 | R | RA382 | I080 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/02 | R | RA503 | I081 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/02 | R | RA403 | I082 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/02 | R | RA420 | I083 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/02 | R | RA520 | I084 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/02 | R | RA434 | I085 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/02 | R | RA436 | I086 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/02 | R | RA444 | I087 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/02 | R | RA308 | I088 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/02 | R | RA312 | I089 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/02 | R | RA316 | I090 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/02 | R | RA326 | I091 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 05/04 | F | RA025 | I147 | JA | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/04 | F | RA025 | I148 | JA | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/04 | F | RA035 | I149 | JA | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/04 | F | RA035 | I150 | JA | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/04 | F | RA030 | I151 | JA | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/04 | F | RA030 | I152 | JA | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/04 | F | RA020 | I153 | JA | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/04 | F | RA020 | I154 | JA | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/04 | F | RA015 | I155 | JA | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/04 | F | RA015 | I156 | JA | 70 | W | 07 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/04 | F | RA002 | I157 | JA | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 06/09 | F | RA035 | I223 | SJ | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/09 | F | RA035 | I224 | SJ | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/09 | F | RA030 | I225 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH | |
| 06/09 | F | RA030 | I226 | SJ | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/09 | F | RA025 | I227 | SJ | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/09 | F | RA025 | I228 | SJ | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/09 | F | RA020 | I229 | SJ | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/09 | F | RA020 | I230 | SJ | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/09 | F | RA015 | I231 | SJ | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/09 | F | RA015 | I232 | SJ | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/09 | F | RA002 | I233 | SJ | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| | | | | | | | | | | | | | | | | |
| 07/06 | F | RA035 | I261 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/06 | F | RA035 | I262 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/06 | F | RA030 | I263 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/06 | F | RA030 | I264 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/06 | F | RA025 | I265 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/06 | F | RA025 | I266 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/06 | F | RA020 | I267 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/06 | F | RA020 | I268 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/06 | F | RA015 | I269 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/06 | F | RA015 | I270 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/06 | F | RA002 | I271 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| | | | | | | | | | | | | | | | | |
| 09/01 | F | RA035 | I322 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/01 | F | RA035 | I323 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/01 | F | RA030 | I324 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/01 | F | RA030 | I325 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/01 | F | RA025 | I326 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/01 | F | RA025 | I327 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/01 | F | RA020 | I328 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/01 | F | RA020 | I329 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/01 | F | RA015 | I330 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/01 | F | RA015 | I331 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/01 | F | RA002 | I332 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| | | | | | | | | | | | | | | | | |
| 10/02 | F | RA002 | I362 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/02 | F | RA010 | I363 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/02 | F | RA015 | I364 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/02 | F | RA015 | I365 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/02 | F | RA020 | I366 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 10/02 | F | RA020 | I367 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/02 | F | RA025 | I368 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/02 | F | RA025 | I369 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/02 | F | RA030 | I371 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/02 | F | RA035 | I372 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/02 | F | RA035 | I373 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/02 | F | RA002 | I405 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/02 | F | RA010 | I406 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/02 | F | RA015 | I407 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/02 | F | RA015 | I408 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/02 | F | RA020 | I409 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/02 | F | RA020 | I410 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/02 | F | RA025 | I411 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/02 | F | RA025 | I412 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/02 | F | RA030 | I413 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/02 | F | RA030 | I414 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/02 | F | RA035 | I415 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/14 | R | RA317 | I445 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/14 | R | RA314 | I446 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/14 | R | RA312 | I447 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/14 | R | RA305 | I448 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/14 | R | RA445 | I449 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/14 | R | RA527 | I450 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/14 | R | RA520 | I451 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/14 | R | RA518 | I452 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/14 | R | RA425 | I453 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/14 | R | RA513 | I454 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/14 | R | RA507 | I455 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/14 | R | RA495 | I456 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/14 | R | RA494 | I457 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/14 | R | RA461 | I458 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/14 | R | RA459 | I459 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |

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

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|-------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|-------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 02/08 | R | RA463 | I045 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/08 | R | RA471 | I046 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/08 | R | RA481 | I047 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/08 | R | RA487 | I048 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/08 | R | RA500 | I049 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/08 | R | RA513 | I050 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/08 | R | RA515 | I051 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/08 | R | RA522 | I052 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/08 | R | RA527 | I053 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/08 | R | RA293 | I054 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/08 | R | RA448 | I055 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/08 | R | RA304 | I056 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/08 | R | RA311 | I057 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/08 | R | RA316 | I058 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/08 | R | RA322 | I059 | JS | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 03/11 | R | RA322 | I121 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/11 | R | RA312 | I122 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/11 | R | RA308 | I123 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/11 | R | RA447 | I124 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/11 | R | RA527 | I125 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/11 | R | RA432 | I126 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/11 | R | RA525 | I127 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/11 | R | RA419 | I128 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/11 | R | RA500 | I129 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/11 | R | RA500 | I130 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/11 | R | RA496 | I131 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/11 | R | RA488 | I132 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/11 | R | RA468 | I133 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/11 | R | RA456 | I134 | JS | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 04/29 | R | RA320 | I193 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/29 | R | RA316 | I194 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/29 | R | RA309 | I195 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 04/29 | R | RA305 | I196 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/29 | R | RA449 | I197 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/29 | R | RA447 | I198 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/29 | R | RA438 | I199 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/29 | R | RA524 | I200 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/29 | R | RA522 | I201 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/29 | R | RA513 | I202 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/29 | R | RA508 | I203 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/29 | R | RA488 | I204 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/29 | R | RA484 | I205 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/29 | R | RA460 | I206 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/29 | R | RA457 | I207 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 05/14 | F | RA035 | I257 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/14 | F | RA035 | I258 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/14 | F | RA030 | I259 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/14 | F | RA030 | I260 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/14 | F | RA025 | I261 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/14 | F | RA025 | I262 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/14 | F | RA020 | I263 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/14 | F | RA020 | I264 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/14 | F | RA015 | I265 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/14 | F | RA015 | I266 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/14 | F | RA010 | I267 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/14 | F | RA002 | I268 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 06/11 | F | RA002 | I297 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/11 | F | RA010 | I298 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/11 | F | RA015 | I299 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/11 | F | RA015 | I300 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/11 | F | RA020 | I301 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/11 | F | RA020 | I302 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/11 | F | RA025 | I303 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/11 | F | RA025 | I304 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/11 | F | RA030 | I305 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/11 | F | RA030 | I306 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/11 | F | RA035 | I307 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/11 | F | RA035 | I308 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 07/19 | F | RA002 | I337 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/19 | F | RA010 | I338 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/19 | F | RA015 | I339 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/19 | F | RA015 | I340 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/19 | F | RA020 | I341 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/19 | F | RA020 | I342 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/19 | F | RA025 | I343 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/19 | F | RA025 | I344 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/19 | F | RA030 | I345 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/19 | F | RA030 | I346 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/19 | F | RA035 | I347 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/19 | F | RA035 | I348 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/24 | F | RA002 | I408 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/24 | F | RA010 | I409 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/24 | F | RA015 | I410 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/24 | F | RA015 | I411 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/24 | F | RA020 | I412 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/24 | F | RA020 | I413 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/24 | F | RA025 | I414 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/24 | F | RA025 | I415 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/24 | F | RA030 | I416 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/24 | F | RA030 | I417 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/24 | F | RA035 | I418 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/24 | F | RA035 | I419 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/17 | F | RA002 | I450 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/17 | F | RA010 | I451 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/17 | F | RA015 | I452 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/17 | F | RA015 | I453 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/17 | F | RA020 | I454 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/17 | F | RA020 | I455 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/17 | F | RA025 | I456 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/17 | F | RA025 | I457 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/17 | F | RA030 | I458 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/17 | F | RA030 | I459 | 03 | 70 | A | 03 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/17 | F | RA035 | I460 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/17 | F | RA035 | I461 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH | |
| 10/08 | F | RA002 | I471 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/08 | F | RA010 | I472 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/08 | F | RA015 | I473 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/08 | F | RA015 | I474 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/08 | F | RA020 | I475 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/08 | F | RA020 | I476 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/08 | F | RA025 | I477 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/08 | F | RA025 | I478 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/08 | F | RA030 | I479 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/08 | F | RA030 | I480 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/08 | F | RA035 | I481 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/08 | F | RA035 | I482 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/16 | F | RA002 | I542 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/16 | F | RA010 | I543 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/16 | F | RA015 | I544 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/16 | F | RA015 | I545 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/16 | F | RA020 | I546 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/16 | F | RA020 | I547 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/16 | F | RA025 | I548 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/16 | F | RA025 | I549 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/16 | F | RA030 | I550 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/16 | F | RA030 | I551 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/16 | F | RA035 | I552 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/16 | F | RA035 | I553 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/15 | F | RA000 | I612 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/15 | F | RA000 | I613 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/15 | F | RA005 | I614 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/15 | F | RA005 | I615 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/15 | F | RA010 | I616 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/15 | F | RA015 | I617 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/15 | F | RA015 | I618 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/15 | F | RA020 | I619 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/15 | F | RA020 | I620 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/15 | F | RA025 | I621 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/15 | F | RA025 | I622 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/15 | F | RA010 | I623 | 03 | 70 | W | 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.XCD)

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|-------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|-------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 01/13 | R | RA461 | I013 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 01/13 | R | RA464 | I014 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 01/13 | R | RA483 | I015 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 01/13 | R | RA491 | I016 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 01/13 | R | RA500 | I017 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 01/13 | R | RA513 | I018 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 01/13 | R | RA520 | I019 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 01/13 | R | RA526 | I020 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 01/13 | R | RA527 | I021 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 01/13 | R | RA447 | I022 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 01/13 | R | RA302 | I023 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 01/13 | R | RA311 | I024 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 02/22 | R | RA455 | I078 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/22 | R | RA493 | I079 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/22 | R | RA507 | I080 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/22 | R | RA522 | I081 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/22 | R | RA527 | I082 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/22 | R | RA308 | I083 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/22 | R | RA325 | I084 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/22 | R | RA329 | I085 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/22 | R | RA680 | I086 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 02/22 | R | RA118 | I087 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 05/10 | F | RA002 | I117 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/10 | F | RA010 | I118 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/10 | F | RA015 | I119 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/10 | F | RA015 | I120 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/10 | F | RA020 | I121 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/10 | F | RA020 | I122 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/10 | F | RA025 | I123 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/10 | F | RA025 | I124 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/10 | F | RA030 | I125 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/10 | F | RA030 | I126 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/10 | F | RA035 | I127 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/10 | F | RA035 | I128 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 06/08 | F | RA002 | I157 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/08 | F | RA010 | I158 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/08 | F | RA015 | I159 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/08 | F | RA015 | I160 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/08 | F | RA020 | I161 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/08 | F | RA020 | I162 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/08 | F | RA025 | I163 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/08 | F | RA025 | I164 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/08 | F | RA030 | I165 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/08 | F | RA030 | I166 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/08 | F | RA035 | I167 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/08 | F | RA035 | I168 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 07/12 | F | RA002 | I211 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/12 | F | RA010 | I212 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/12 | F | RA015 | I213 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/12 | F | RA015 | I214 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/12 | F | RA020 | I215 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/12 | F | RA020 | I216 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/12 | F | RA025 | I217 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/12 | F | RA025 | I218 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/12 | F | RA030 | I219 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/12 | F | RA030 | I220 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/12 | F | RA035 | I221 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/12 | F | RA035 | I222 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 08/16 | F | RA002 | I247 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/16 | F | RA010 | I248 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/16 | F | RA015 | I249 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/16 | F | RA015 | I250 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/16 | F | RA020 | I251 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/16 | F | RA020 | I252 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/16 | F | RA025 | I253 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/16 | F | RA025 | I254 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/16 | F | RA030 | I255 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/16 | F | RA030 | I256 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/16 | F | RA035 | I257 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/16 | F | RA035 | I258 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 09/16 | F | RA002 | I288 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/16 | F | RA010 | I289 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/16 | F | RA015 | I290 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/16 | F | RA015 | I291 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/16 | F | RA020 | I292 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/16 | F | RA020 | I293 | 03 | 70 | A | 07 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/16 | F | RA025 | I294 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/16 | F | RA025 | I295 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/16 | F | RA030 | I296 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/16 | F | RA030 | I297 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/16 | F | RA035 | I298 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 09/16 | F | RA035 | I299 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 10/12 | F | RA035 | I326 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/12 | F | RA035 | I327 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/12 | F | RA030 | I328 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/12 | F | RA030 | I329 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/12 | F | RA025 | I330 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/12 | F | RA025 | I331 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/12 | F | RA020 | I332 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/12 | F | RA020 | I333 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/12 | F | RA015 | I334 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/12 | F | RA015 | I335 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/12 | F | RA010 | I336 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/12 | F | RA002 | I337 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| | | | | | | | | | | | | | | | |
| 11/21 | F | RA002 | I415 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/21 | F | RA010 | I416 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/21 | F | RA015 | I417 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/21 | F | RA015 | I418 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/21 | F | RA020 | I419 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/21 | F | RA020 | I420 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/21 | F | RA025 | I421 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/21 | F | RA025 | I422 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/21 | F | RA030 | I423 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/21 | F | RA030 | I424 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/21 | F | RA035 | I425 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/21 | F | RA035 | I426 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 12/09 | F | RA002 | I458 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/09 | F | RA010 | I459 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/09 | F | RA015 | I460 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/09 | F | RA015 | I461 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/09 | F | RA020 | I462 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/09 | F | RA020 | I463 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/09 | F | RA025 | I464 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/09 | F | RA025 | I465 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/09 | F | RA030 | I466 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/09 | F | RA030 | I467 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/09 | F | RA035 | I468 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 12/09 | F | RA035 | I469 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |

VIMS ICHTHYOLOGY TRAWL SURVEY -1984
 -LISTING BY F.J. WOJCIK MARCH, 1986
 FOR DATA SET (AFISH84.XCD)

| MO/DA | F | SAMPL | COLL | VS | GR | W | TOW | DOOR | TICK | BDL | TRAWL | BODY | THD | LINER | BAG |
|-------|---|-------|------|----|----|---|-----|---------|------|-----|-------|--------|-----|-------|--------|
| R | | SITE | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 03/13 | F | RA002 | I053 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/13 | F | RA010 | I054 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/13 | F | RA015 | I055 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/13 | F | RA015 | I056 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/13 | F | RA020 | I057 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/13 | F | RA020 | I058 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/13 | F | RA025 | I059 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/13 | F | RA025 | I060 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/13 | F | RA030 | I061 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/13 | F | RA030 | I062 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 03/13 | F | RA035 | I063 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/13 | F | RA002 | I092 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/13 | F | RA010 | I093 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/13 | F | RA015 | I094 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/13 | F | RA015 | I095 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/13 | F | RA020 | I096 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/13 | F | RA020 | I097 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/13 | F | RA025 | I098 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/13 | F | RA025 | I099 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/13 | F | RA030 | I100 | 03 | 70 | A | 04 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/13 | F | RA030 | I101 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/13 | F | RA035 | I102 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 04/13 | F | RA035 | I103 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/14 | F | RA002 | I116 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/14 | F | RA010 | I117 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/14 | F | RA015 | I118 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/14 | F | RA015 | I119 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/14 | F | RA020 | I120 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/14 | F | RA020 | I121 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/14 | F | RA025 | I122 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/14 | F | RA025 | I123 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH | |
| 05/14 | F | RA030 | I124 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/14 | F | RA030 | I125 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/14 | F | RA035 | I126 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 05/14 | F | RA035 | I127 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/06 | F | RA002 | I179 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/06 | F | RA010 | I180 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/06 | F | RA015 | I181 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/06 | F | RA015 | I182 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/06 | F | RA020 | I183 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/06 | F | RA020 | I184 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/06 | F | RA025 | I185 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/06 | F | RA025 | I186 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/06 | F | RA030 | I187 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/06 | F | RA030 | I188 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/06 | F | RA035 | I189 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 06/06 | F | RA035 | I190 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/10 | F | RA002 | I222 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/10 | F | RA010 | I223 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/10 | F | RA015 | I224 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/10 | F | RA015 | I225 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/10 | F | RA020 | I226 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/10 | F | RA020 | I227 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/10 | F | RA025 | I228 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/10 | F | RA025 | I229 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/10 | F | RA030 | I230 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/10 | F | RA030 | I231 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/10 | F | RA035 | I232 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 07/10 | F | RA035 | I233 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/16 | F | RA002 | I295 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/16 | F | RA010 | I296 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/16 | F | RA010 | I297 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/16 | F | RA015 | I298 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/16 | F | RA020 | I299 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30' | SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/16 | F | RA020 | I300 | 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 | NOS. | CD | CD | A | TIM | SIZE | CHAN | LGT | TYPE | MESH | TYP | MESH | MESH |
| 08/16 | F | RA025 | I301 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/16 | F | RA025 | I302 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/16 | F | RA030 | I303 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/16 | F | RA030 | I304 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/16 | F | RA035 | I305 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 08/16 | F | RA035 | I306 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/17 | F | RA002 | I358 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/17 | F | RA010 | I359 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/17 | F | RA015 | I360 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/17 | F | RA015 | I361 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/17 | F | RA020 | I362 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/17 | F | RA020 | I363 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/17 | F | RA025 | I364 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/17 | F | RA025 | I365 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/17 | F | RA030 | I366 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/17 | F | RA030 | I367 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/17 | F | RA035 | I368 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 10/17 | F | RA035 | I369 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/14 | F | RA002 | I406 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/14 | F | RA010 | I407 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/14 | F | RA015 | I408 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/14 | F | RA015 | I409 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/14 | F | RA020 | I410 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/14 | F | RA020 | I411 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/14 | F | RA025 | I412 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/14 | F | RA025 | I413 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/14 | F | RA030 | I414 | 03 | 70 | A | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/14 | F | RA030 | I415 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/14 | F | RA035 | I416 | 03 | 70 | W | 05 | 54"X25" | YES | 60' | 30'SB | 1-1/2" | N L | 1/4" | 1-1/4" |
| 11/14 | F | RA035 | I417 | 03 | 70 | A | 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 | | Edith Mae | 26' | Wood | Launch |
| IN | | Investigator | 28' | Wood | Launch |
| IV | | Irma Virginia | 65' | Wood | Trawler |
| JA | | Judith Ann | | 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 | | Wood | Launch |
| TD | 13 | Three Daughters | | 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
bridle, 3/8" swivel.

1964-1972 (Gear Code 10).

Specifications are the same as for 1962-1963, except for the following:

Nylon and cotton thread nets were in use in midsummer, and the poor condition suggests that nylon thread was introduced at least in 1964.

Bag mesh 1-1/4" mesh.

1973 (Gear Code 43).

Specifications are the same as for 1964-1972, except for the following:

Tickler chain added.

1973-1980 (Gear Code 33).

Specifications are the same as for 1964-1972, except for the following:

Liner with a 1/2" stretch mesh added.

Net hung on 7/16" polyethylene dacron (poly Dac) rope.

Headrope with six 3" x 2-1/2" ARK floats, 3' apart, centered 6' from the ends.

Without tickler chain.

1979 (Gear Code 68).

Specifications are the same as for 1973-1980, except for the following:

Doors 54 x 24" made of 1-inch pine, otherwise the same as the doors used in 1962-1963.

Tickler chain added to footrope.

1980-1984 (Gear Code 70)

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

With tickler chain.

1984 (Gear Code 80)

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

1984 (Gear Code 81)

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

Disclaimer

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

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

1971-1980 (Gear Code 35).

16' headrope, 20' footrope.

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

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

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

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

ARK floats on headrope.

Net treated with green naphthenate net preservative.

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

Disclaimer

The above gear documentation includes the best information available however, information at best is very 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.

APPENDIX D NORMAL FIVE MILE FIXED RAPPAHANNOCK RIVER STATIONS,
WITH RANGE OF LATITUDES AND LONGITUDES

| SAMPLE SITES | LOCATED BETWEEN LATITUDES AND LONGITUDES | | | |
|---------------|--|----------|-----|-------------------|
| RA00 BETWEEN | 37°33.9' | 76°15.0' | AND | 37°37.0' 76°20.8' |
| RA05 BETWEEN | 37°34.0' | 76°20.9' | AND | 37°38.5' 76°25.3' |
| RA10 BETWEEN* | 37°34.6' | 76°25.4' | AND | 37°39.8' 76°32.5' |
| RA15 BETWEEN | 37°37.0' | 76°31.0' | AND | 37°43.0' 76°36.0' |
| RA20 BETWEEN | 37°42.0' | 76°33.5' | AND | 37°47.0' 76°39.6' |
| RA25 BETWEEN | 37°45.0' | 76°36.5' | AND | 37°50.0' 76°44.0' |
| RA30 BETWEEN | 37°48.0' | 76°42.0' | AND | 37°53.0' 76°47.0' |
| RA35 BETWEEN | 37°52.0' | 76°45.3' | AND | 37°57.0' 76°51.5' |
| RA40 BETWEEN | 37°55.0' | 76°50.7' | AND | 37°59.6' 76°55.8' |

* RA11 USED INTERCHANGEABLY WITH RA10

APPENDIX E FIXED RAPPAHANNOCK RIVER STATIONS BY RIVER MILE (1974)

| SAMPLE SITES | LAT | LONG | SAMPLE SITES | LAT | LONG |
|-----------------|-------|-------|-----------------|-------|-------|
| RA000 | 37350 | 76165 | RA036 | 37553 | 76497 |
| RA001 | 37357 | 76175 | RA037 | 37558 | 76508 |
| RA002 | 37359 | 76187 | RA038 | 37566 | 76516 |
| RA003 | 37359 | 76200 | RA039 | 37576 | 76517 |
| RA004 | 37358 | 76212 | RA040 | 37586 | 76522 |
| RA005 | 37359 | 76225 | RA041 | 37589 | 76534 |
| RA006 | 37363 | 76237 | RA042 | 37593 | 76543 |
| RA007 | 37366 | 76249 | RA043 | 38003 | 76543 |
| RA008 | 37371 | 76260 | RA044 | 38012 | 76548 |
| RA009 | 37373 | 76272 | RA045 | 38022 | 76549 |
| RA010 | 37377 | 76287 | RA046 | 38031 | 76553 |
| RA011 | 37377 | 76299 | RA047 | 38040 | 76544 |
| RA012 | 37377 | 76311 | RA048 | 38047 | 76562 |
| RA013 | 37384 | 76320 | RA049 | 38049 | 76575 |
| RA014 | 37393 | 76326 | RA050 | 38051 | 76587 |
| RA015 | 37402 | 76331 | RA051 | 38057 | 76594 |
| RA016 | 37411 | 76337 | RA052 | 38064 | 76594 |
| RA017 | 37419 | 76342 | RA053 | 38064 | 77005 |
| RA018 | 37429 | 76345 | RA054 | 38055 | 77012 |
| RA019 | 37437 | 76351 | RA055 | 38057 | 77023 |
| RA020 | 37445 | 76357 | RA056 | 38065 | 77029 |
| RA021 | 37454 | 76363 | RA057 | 38074 | 77033 |
| RA022 | 37459 | 76374 | RA058 | 38083 | 77032 |
| RA023 | 37462 | 76385 | RA059 | 38093 | 77035 |
| RA024 | 37466 | 76396 | RA060 | 38075 | 77042 |
| RA025 | 37473 | 76495 | RA061 | 38086 | 77045 |
| RA026 | 37479 | 76414 | RA062 | 38092 | 77049 |
| RA027 | 37483 | 76425 | RA063 | 38097 | 77055 |
| RA028 | 37492 | 76435 | RA064 | 38092 | 77065 |
| RA029 | 37499 | 76442 | RA065 | 38096 | 77076 |
| RA030 | 37509 | 76449 | RA066 | 38101 | 77087 |
| RA031 | 37516 | 76457 | RA067 | 38098 | 77098 |
| RA032 | 37525 | 76467 | RA068 | 38102 | 77110 |
| RA033 | 37534 | 76468 | RA069 | 38110 | 77117 |
| RA034 | 37541 | 76477 | RA070 | 38117 | 77128 |
| RA035 | 37547 | 76487 | RA071 | 38119 | 77139 |

| SAMPLE SITES | LAT | LONG | SAMPLE SITES | LAT | LONG |
|-----------------|----------|-------|-----------------|----------|-------|
| RA072 | NOT USED | | RA082 | 38134 | 77175 |
| RA073 | 38112 | 77141 | RA083 | NOT USED | |
| RA074 | 38124 | 77149 | RA084 | 38143 | 77183 |
| RA075 | 38132 | 77148 | RA085 | 38146 | 77195 |
| RA076 | 38140 | 77146 | RA086 | 38152 | 77205 |
| RA077 | 38142 | 77135 | RA087 | 38146 | 77216 |
| RA078 | NOT USED | | RA088 | NOT USED | |
| RA079 | 38150 | 77154 | RA089 | 38150 | 77238 |
| RA080 | 38148 | 77166 | RA090 | 38154 | 77250 |
| RA081 | 38138 | 77166 | RA091 | 38161 | 77251 |

APPENDIX F SPECIAL RANDOM STATIONS MADE
IN JUNE 1973 AND LABELED RB001-RB011

| SAMPLE SITES | LAT | LONG |
|-----------------|-------|-------|
| RB001 | 37400 | 76340 |
| RB002 | 37426 | 76332 |
| RB003 | 37389 | 76320 |
| RB004 | 37376 | 76311 |
| RB005 | 37380 | 76284 |
| RB006 | 37373 | 76245 |
| RB007 | 37352 | 76237 |
| RB008 | 37359 | 76213 |
| RB009 | 37353 | 76200 |
| RB010 | 37362 | 76186 |
| RB011 | 37337 | 76175 |

APPENDIX G SPECIAL JULY 1974 AND JULY 1975 RANDOM (R) STATIONS,
DESIGNATED AS CBRA

| SAMPLE SITES | <u>1974</u> | | <u>1975</u> | |
|-----------------|-------------|-------|-------------|-------|
| | LAT | LONG | LAT | LONG |
| CBRA01 | 37362 | 76187 | 37376 | 76164 |
| CBRA02 | 37361 | 76194 | 37362 | 76176 |
| CBRA03 | 37356 | 76200 | 37351 | 76177 |
| CBRA04 | 37353 | 76228 | 37369 | 76187 |
| CBRA05 | 37370 | 76248 | 37354 | 76190 |
| CBRA06 | 37385 | 76265 | 37357 | 76210 |
| CBRA07 | 37387 | 76280 | 37351 | 76220 |
| CBRA08 | 37381 | 76286 | 37347 | 76226 |
| CBRA09 | 37377 | 76300 | 37369 | 76227 |
| CBRA10 | 37393 | 76327 | 37374 | 76235 |
| CBRA11 | 37396 | 76335 | 37374 | 76246 |
| CBRA12 | 37389 | 76335 | 37365 | 76250 |
| CBRA13 | 37370 | 76335 | 37371 | 76250 |
| CBRA14 | 37372 | 76300 | 37376 | 76264 |
| CBRA15 | 37372 | 76246 | 37384 | 76259 |
| CBRA16 | 37356 | 76241 | 37370 | 76280 |
| CBRA17 | 37354 | 76191 | 37390 | 76287 |
| CBRA18 | | | 37377 | 76300 |
| CBRA19 | | | 37372 | 76307 |
| CBRA20 | | | 37390 | 76324 |
| CBRA21 | | | 37390 | 76306 |
| CBRA22 | | | 37400 | 76330 |
| CBRA23 | | | 37410 | 76327 |
| CBRA24 | | | 37421 | 76335 |
| CBRA25 | | | 37422 | 76310 |
| CBRA26 | | | 37437 | 76346 |
| CBRA27 | | | 37437 | 76357 |
| CBRA28 | | | 37452 | 76353 |
| CBRA29 | | | 37453 | 76362 |
| CBRA30 | | | 37459 | 76201 |
| CBRA31 | | | 37457 | 76375 |
| CBRA32 | | | 37465 | 76391 |
| CBRA33 | | | 37469 | 76403 |
| CBRA34 | | | 37479 | 76412 |

| SAMPLE SITES | <u>1974</u> | | <u>1975</u> | |
|-----------------|-------------|------|-------------|-------|
| | LAT | LONG | LAT | LONG |
| CBRA35 | | | 37494 | 76435 |
| CBRA36 | | | 37499 | 76442 |
| CBRA37 | | | 37514 | 76458 |
| CBRA38 | | | 37520 | 76460 |
| CBRA39 | | | 37539 | 76473 |
| CBRA40 | | | 37552 | 76495 |
| CBRA41 | | | 37556 | 76507 |
| CBRA42 | | | 37587 | 76525 |
| CBRA43 | | | 37593 | 76543 |
| CBRA44 | | | 37007 | 76546 |
| CBRA45 | | | 37018 | 76547 |

APPENDIX H SPECIAL 1975 and 1976 RAPPAHANNOCK RANDOM STATIONS,
WITH RIVER MILES AND BLOCKS

| SAMPLE SITES | 1975 | | 1976 | |
|-----------------|-------|-------|-------|-------|
| | LAT | LONG | LAT | LONG |
| RA0001 | | | 37359 | 76174 |
| SRA001 | | | 37367 | 76176 |
| RA001 | 37359 | 76183 | 37359 | 76174 |
| RA0011 | 37355 | 76187 | 37358 | 76187 |
| RA0023* | 37354 | 76207 | | |
| RA0023* | 37361 | 76206 | | |
| RA0031 | | | 37357 | 76212 |
| RA004 | 37355 | 76222 | | |
| RA0041 | | | 37359 | 76222 |
| RA0051 | 37363 | 76233 | 37365 | 76231 |
| RA0062 | | | 37364 | 76243 |
| RA007 | 37379 | 76252 | | |
| SRA07 | | | 37379 | 76250 |
| RA0081 | | | 37379 | 76264 |
| RA0082 | 37380 | 76272 | | |
| RA0083 | 37380 | 76275 | | |
| RA0091 | | | 37379 | 76264 |
| RA0102 | | | 37378 | 76293 |
| RA0103 | 37379 | 76300 | | |
| RA0113 | | | 37377 | 76309 |
| RA0121 | 37380 | 76316 | | |
| RA0122 | 37344 | 76313 | 37381 | 76317 |
| RA0132 | 37388 | 76333 | | |
| SRA13 | | | 37382 | 76326 |
| RA0141 | 37395 | 76330 | | |
| RA0142 | | | 37395 | 76329 |
| RA0151 | | | 37405 | 76330 |
| RA0152 | 37407 | 76331 | | |
| SRA15 | | | 37382 | 76326 |
| RA0163 | 37420 | 76326 | | |
| RA017 | 37420 | 76342 | | |
| RA0171 | | | 37425 | 76334 |
| RA0172 | 37426 | 76336 | | |
| RA018 | | | 37420 | 76340 |
| RA0192 | 37442 | 76352 | | |
| RA0193 | | | 37443 | 76354 |
| RA0203 | | | 37451 | 76361 |
| RA021* | 37442 | 76352 | | |
| RA021* | 37455 | 76362 | | |
| RA0213 | | | 37458 | 76372 |
| RA022 | 37459 | 76374 | | |
| SRA221 | | | 37463 | 76372 |

* STATION NUMBERS WERE DUPLICATED

| SAMPLE SITES | 1975 | | 1976 | |
|-----------------|-------|-------|-------|-------|
| | LAT | LONG | LAT | LONG |
| RA0222 | 37460 | 76381 | | |
| RA0232 | | | 37462 | 76391 |
| RA0233 | | | 37463 | 76394 |
| RA024 | 37467 | 76397 | | |
| RA0251 | | | 37474 | 76407 |
| RA0252 | 37476 | 76409 | | |
| RA027 | 37485 | 76425 | | |
| RA0271 | | | 37486 | 76427 |
| RA0272 | 37488 | 76430 | | |
| RA0282 | | | 37494 | 76438 |
| RA0291 | | | 37501 | 76443 |
| RA0292 | 37503 | 76445 | | |
| RA0302 | 37520 | 76460 | | |
| RA0303 | | | 37513 | 76454 |
| RA0312 | 37520 | 76460 | | |
| RA032 | | | 37524 | 76462 |
| RA033 | 37534 | 76467 | | |
| RA0332 | | | 37537 | 76471 |
| RA034 | | | 37540 | 76476 |
| RA0342 | 37544 | 76481 | | |
| RA035 | 37546 | 76486 | | |
| RA036 | | | 37552 | 76496 |
| RA0362 | | | 37555 | 76502 |
| RA037 | 37557 | 76507 | | |
| RA0373 | | | 37557 | 76514 |
| RA0381 | 37568 | 76515 | | |
| RA0392 | 37581 | 76519 | | |
| RA0393 | | | 37583 | 76528 |
| RA040 | 37586 | 76521 | | |
| RA041 | | | 37588 | 76534 |
| RA0413 | 37590 | 76542 | | |
| RA0421 | | | 37594 | 76543 |
| RA0423 | 38000 | 76543 | | |
| RA0431 | | | 38004 | 76544 |
| RA0433 | 38009 | 76546 | | |
| RA0441 | | | 38014 | 76547 |
| RA045 | | | 38021 | 76548 |
| RA046 | 38031 | 76551 | | |
| RA0463 | 38037 | 76550 | | |
| RA047 | | | 38046 | 76554 |
| RA0473 | 38046 | 76550 | 38046 | 76560 |
| RA049 | | | 38049 | 76575 |
| RA0492 | 38050 | 76581 | | |
| RA050 | | | 38049 | 76587 |
| RA051 | 38056 | 76595 | | |
| RA0513 | 38064 | 76593 | 38063 | 76596 |
| RA0523 | 38060 | 77005 | 38062 | 77000 |

| SAMPLE SITES | 1975 | | 1976 | |
|-----------------|-------|-------|-------|-------|
| | LAT | LONG | LAT | LONG |
| RA0533 | 38055 | 77012 | 38055 | 77011 |
| RA0552 | 38061 | 77023 | 38061 | 77023 |
| RA0561 | 38066 | 77031 | | |
| RA0562 | | | 38067 | 77033 |
| RA057 | 38056 | 77031 | | |
| RA058 | 38082 | 77031 | 38082 | 77034 |
| RA0591 | 38094 | 77034 | 38093 | 77034 |
| RA0602 | | | 38091 | 77042 |
| RA061 | 38081 | 77042 | | |
| RA062 | | | 38089 | 77019 |
| RA0621 | 38093 | 77050 | | |
| RA0631 | 38097 | 77056 | | |
| RA0632 | | | 38095 | 77061 |
| RA0633 | 38092 | 77064 | | |
| RA0642 | | | 38095 | 77071 |
| RA0652 | | | 38099 | 77081 |
| RA066 | 38101 | 77087 | | |
| RA067 | 38099 | 77097 | 38098 | 77098 |
| RA0673 | 38102 | 77111 | | |
| RA0683 | 38110 | 77118 | | |
| RA0692 | | | 38113 | 77123 |
| RA070 | 38119 | 77127 | 38117 | 77142 |
| RA0711 | 38118 | 77140 | | |
| RA0722 | | | 38114 | 77148 |
| RA0732 | 38116 | 77153 | | |
| RA074 | 38123 | 77148 | 38125 | 77148 |
| RA075 | 38133 | 77149 | | |
| RA0753 | | | 38139 | 77147 |
| RA0761 | 38144 | 77143 | | |
| RA0763 | | | 38140 | 77138 |
| RA0773 | | | 38147 | 77139 |
| RA0781 | 38145 | 77165 | | |
| RA0793 | 38149 | 77165 | 38149 | 77164 |
| RA0802 | | | 38142 | 77165 |
| RA081 | 38137 | 77165 | | |
| RA0812 | 38135 | 77166 | | |
| RA0813 | | | 38134 | 77172 |
| RA0822 | | | 38137 | 77176 |
| RA0833 | 38118 | 77114 | 38142 | 77183 |
| RA0851 | | | 38147 | 77198 |
| RA086 | 38119 | 77123 | | |
| RA0862 | | | 38150 | 77211 |
| RA0863 | 38151 | 77204 | | |
| RA0873 | | | 38148 | 77222 |
| RA0882 | 38148 | 77212 | | |
| RA0883 | | | 38147 | 77233 |
| RA0892 | 38146 | 77220 | | |

APPENDIX I SPECIAL 1976 RANDOM STATIONS RAPPAHANNOCK RIVER
SECTOR A TO V

| SAMPLE SITES | LAT | LONG | SAMPLE SITES | LAT | LONG |
|--------------|-------|-------|--------------|-------|-------|
| RA033A | 37361 | 76202 | RA022F | 37361 | 76224 |
| RA042A | 37344 | 76205 | RA015G | 37368 | 76317 |
| RA051A | 37346 | 76217 | RA023G | 37394 | 76320 |
| RA063A | 37349 | 76236 | RA025G | 37369 | 76321 |
| RA066A | 37349 | 76240 | RA029G | 37412 | 76324 |
| RA095A | 37388 | 76271 | RA035G | 37378 | 76326 |
| RA102A | 37367 | 76278 | RA040G | 37381 | 76329 |
| RA104A | 37367 | 76282 | RA082G | 37412 | 76347 |
| RA105A | 37367 | 76286 | RA095G | 37412 | 76353 |
| RA106A | 37367 | 76290 | RA104G | 37412 | 76356 |
| RA108A | 37394 | 76294 | RA119G | 37445 | 76368 |
| RA007B | 37344 | 76186 | RA121G | 37439 | 76366 |
| RA015B | 37345 | 76192 | RA137G | 37464 | 76379 |
| RA021B | 37348 | 76228 | RA141G | 37473 | 76383 |
| RA024B | 37346 | 76228 | RA146G | 37452 | 76384 |
| RA033B | 37358 | 76243 | RA147G | 37474 | 76387 |
| RA050B | 37395 | 76290 | RA166G | 37471 | 76395 |
| RA042D | 37362 | 76216 | RA173G | 37456 | 76405 |
| RA046D | 37352 | 76221 | RA190G | 37451 | 76383 |
| RA069D | 37367 | 76247 | RA025H | 37390 | 76337 |
| RA072D | 37382 | 76255 | RA033H | 37402 | 76340 |
| RA077D | 37373 | 76263 | RA051H | 37433 | 76353 |
| RA087D | 37383 | 76275 | RA066H | 37459 | 76367 |
| RA106D | 37383 | 76286 | RA070H | 37453 | 76383 |
| RA108D | 37374 | 76286 | RA080H | 37459 | 76379 |
| RA110D | 37395 | 76290 | RA084H | 37465 | 76394 |
| RA114D | 37377 | 76290 | RA004I | 37380 | 76306 |
| RA117D | 37393 | 76294 | RA023I | 37415 | 76327 |
| RA002E | 37357 | 76175 | RA033I | 37415 | 76338 |
| RA027E | 37351 | 76209 | RA034I | 37412 | 76337 |
| RA035E | 37355 | 76220 | RA047I | 37412 | 76340 |
| RA039E | 37357 | 76225 | RA056I | 37436 | 76352 |
| RA060E | 37370 | 76251 | RA067I | 37455 | 76371 |
| RA066E | 37377 | 76259 | RA003J | 37372 | 76305 |
| RA072E | 37374 | 76263 | RA007J | 37374 | 76310 |
| RA082E | 37383 | 76282 | RA013J | 37381 | 76317 |
| RA002F | 37357 | 76186 | RA036J | 37400 | 76333 |
| RA004F | 37557 | 76194 | RA046J | 37406 | 76336 |
| RA011F | 37355 | 76205 | RA058J | 37445 | 76368 |
| RA012F | 37358 | 76209 | RA076J | 37463 | 76398 |

| SAMPLE SITES | LAT | LONG | SAMPLE SITES | LAT | LONG |
|-----------------|-------|-------|-----------------|-------|-------|
| RA014K | 37406 | 76330 | RA003R | 37548 | 76472 |
| RA032K | 37437 | 76345 | RA014R | 37548 | 76480 |
| RA001L | 37492 | 76407 | RA025R | 37551 | 76488 |
| RA010L | 37483 | 76401 | RA027R | 37542 | 76488 |
| RA011L | 37480 | 76398 | RA032R | 37546 | 76492 |
| RA013L | 37477 | 76433 | RA039R | 37555 | 76500 |
| RA036L | 37489 | 76421 | RA055R | 37576 | 76514 |
| RA038L | 37479 | 76421 | RA068R | 37576 | 76519 |
| RA061L | 37472 | 76429 | RA073R | 37389 | 76523 |
| RA064L | 37495 | 76433 | RA098R | 38003 | 76541 |
| RA073L | 37501 | 76437 | RA102R | 37589 | 76542 |
| RA080L | 37477 | 76436 | RA105R | 37594 | 76540 |
| RA081L | 37510 | 76441 | RA111R | 37591 | 76546 |
| RA086L | 37489 | 76440 | RA113R | 37585 | 76544 |
| RA095L | 37495 | 76445 | RA120R | 37597 | 76549 |
| RA096L | 37492 | 76445 | RA010T | 37552 | 76496 |
| RA153L | 37537 | 76476 | RA012T | 37553 | 76500 |
| RA007M | 37482 | 76421 | RA037T | 37597 | 76542 |
| RA035M | 37518 | 76457 | RA039T | 37592 | 76542 |
| RA040M | 37519 | 76462 | RA041T | 38003 | 76545 |
| RA046M | 37513 | 76469 | RA005U | 37551 | 76492 |
| RA003O | 37494 | 76409 | RA008U | 37585 | 76520 |
| RA009O | 37488 | 76421 | RA011U | 37588 | 76534 |
| RA021O | 37516 | 76457 | RA003V | 38013 | 76547 |
| RA002P | 37538 | 76461 | | | |

APPENDIX J RAPPAHANNOCK RIVER RANDOM STATIONS
BY COLOR STRATA

| GREEN STRATUM (12'-19") | | | GREEN STRATUM (12'-19") | | |
|-------------------------|--------|--------|-------------------------|--------|--------|
| SAMPLE SITES | LAT | LONG | SAMPLE SITES | LAT | LONG |
| RA001 | 373433 | 761732 | RA041 | 373907 | 763340 |
| RA002 | 373623 | 761716 | RA042 | 373922 | 763340 |
| RA003 | 373636 | 761752 | RA043 | 373952 | 763400 |
| RA004 | 373636 | 761809 | RA044 | 374008 | 763400 |
| RA005 | 373426 | 761831 | RA045 | 374022 | 763400 |
| RA006 | 373655 | 761831 | RA046 | 374037 | 763400 |
| RA007 | 373654 | 761850 | RA047 | 374057 | 763400 |
| RA008 | 373640 | 761908 | RA048 | 374007 | 763400 |
| RA009 | 373655 | 761908 | RA049 | 374023 | 763420 |
| RA010 | 373435 | 761908 | RA050 | 374023 | 763400 |
| RA011 | 373612 | 761910 | RA051 | 374125 | 763420 |
| RA012 | 373440 | 762138 | RA052 | 374140 | 763432 |
| RA013 | 373443 | 762157 | RA053 | 374140 | 763420 |
| RA014 | 373443 | 762216 | RA054 | 374208 | 763420 |
| RA015 | 373442 | 762236 | RA055 | 374208 | 763245 |
| RA016 | 373441 | 762255 | RA056 | 374221 | 763432 |
| RA017 | 373506 | 762315 | RA057 | 374306 | 763340 |
| RA018 | 373520 | 762352 | RA058 | 374237 | 763500 |
| RA019 | 373524 | 762408 | RA059 | 374252 | 763500 |
| RA020 | 373528 | 762409 | RA060 | 374306 | 763500 |
| RA021 | 373552 | 762410 | RA061 | 374350 | 763400 |
| RA022 | 373625 | 762450 | RA062 | 374320 | 763520 |
| RA023 | 373638 | 762508 | RA063 | 374332 | 763535 |
| RA024 | 373838 | 762740 | RA064 | 374350 | 763551 |
| RA025 | 373838 | 762758 | RA065 | 374453 | 763520 |
| RA026 | 373851 | 762758 | RA066 | 374507 | 763520 |
| RA027 | 373706 | 762741 | RA067 | 374523 | 763520 |
| RA028 | 373705 | 762758 | RA068 | 374523 | 763536 |
| RA029 | 373656 | 762818 | RA069 | 374507 | 763654 |
| RA030 | 373705 | 762858 | RA070 | 374520 | 763714 |
| RA031 | 373810 | 763014 | RA071 | 374535 | 763551 |
| RA032 | 373703 | 763114 | RA072 | 374550 | 763613 |
| RA033 | 373722 | 763148 | RA073 | 374610 | 763748 |
| RA034 | 373722 | 763208 | RA074 | 374622 | 763749 |
| RA035 | 373740 | 763234 | RA075 | 374537 | 763810 |
| RA036 | 373750 | 763225 | RA076 | 374622 | 763810 |
| RA037 | 373820 | 763245 | RA077 | 374622 | 763828 |
| RA038 | 373842 | 763325 | RA078 | 374625 | 763849 |
| RA039 | 373851 | 763342 | RA079 | 374649 | 763905 |
| RA040 | 373851 | 763325 | RA080 | 374622 | 763905 |

GREEN STRATUM (12'-19")

| SAMPLE SITES | LAT | LONG |
|--------------|--------|--------|
| RA081 | 374635 | 763929 |
| RA082 | 374610 | 763945 |
| RA083 | 374653 | 763945 |
| RA084 | 374708 | 763945 |
| RA085 | 374739 | 764020 |
| RA086 | 374750 | 764041 |
| RA087 | 374807 | 764058 |
| RA088 | 374807 | 764119 |
| RA089 | 374821 | 764135 |
| RA090 | 374809 | 764200 |
| RA091 | 374823 | 764235 |
| RA092 | 374838 | 764253 |
| RA093 | 374910 | 764347 |
| RA094 | 374922 | 764328 |
| RA095 | 374940 | 764346 |
| RA096 | 374950 | 764346 |
| RA097 | 375009 | 764410 |
| RA098 | 375023 | 764430 |
| RA099 | 375038 | 764430 |
| RA100 | 375054 | 764405 |
| RA101 | 375109 | 764401 |
| RA102 | 375109 | 764544 |
| RA103 | 375124 | 764544 |
| RA104 | 375137 | 764525 |
| RA105 | 375140 | 764609 |
| RA106 | 375153 | 764547 |

GREEN STRATUM (12'-19")

| SAMPLE SITES | LAT | LONG |
|--------------|--------|--------|
| RA107 | 375208 | 764620 |
| RA108 | 375237 | 764640 |
| RA109 | 375253 | 764644 |
| RA110 | 375306 | 764624 |
| RA111 | 375352 | 764655 |
| RA112 | 375420 | 764815 |
| RA113 | 375420 | 764833 |
| RA114 | 375436 | 764833 |
| RA115 | 375506 | 764850 |
| RA116 | 375535 | 765028 |
| RA117 | 375535 | 765045 |
| RA118 | 375551 | 765045 |
| RA119 | 375636 | 765106 |
| RA120 | 375706 | 765122 |
| RA121 | 375708 | 765141 |
| RA122 | 375806 | 765141 |
| RA123 | 375838 | 765224 |
| RA124 | 375847 | 765224 |
| RA125 | 375847 | 765243 |
| RA126 | 375853 | 765258 |
| RA127 | 375851 | 765400 |
| RA128 | 375920 | 765418 |
| RA129 | 375935 | 765429 |
| RA130 | 375936 | 765418 |
| RA131 | 373159 | 765429 |
| RA132 | 380020 | 765429 |
| RA800 | 380212 | 765429 |

BLUE STRATUM (20'-29")

BLUE STRATUM (20'-29")

| SAMPLE SITES | LAT | LONG | SAMPLE SITES | LAT | LONG |
|-----------------|--------|--------|-----------------|--------|--------|
| RA133 | 373610 | 761716 | RA173 | 373452 | 762120 |
| RA134 | 373538 | 761716 | RA174 | 373508 | 762138 |
| RA135 | 373523 | 761716 | RA175 | 373452 | 762138 |
| RA136 | 373621 | 761732 | RA176 | 373611 | 762153 |
| RA137 | 373610 | 761732 | RA177 | 373508 | 762157 |
| RA138 | 373538 | 761732 | RA178 | 373454 | 762157 |
| RA139 | 373523 | 761732 | RA179 | 373637 | 762216 |
| RA140 | 373508 | 761732 | RA180 | 373521 | 762216 |
| RA141 | 373452 | 761732 | RA181 | 373508 | 762216 |
| RA142 | 373622 | 761752 | RA182 | 373454 | 762216 |
| RA143 | 373538 | 761752 | RA183 | 373524 | 762236 |
| RA144 | 373523 | 761752 | RA184 | 373508 | 762236 |
| RA145 | 373508 | 761752 | RA185 | 373454 | 762236 |
| RA146 | 373452 | 761752 | RA186 | 373537 | 762255 |
| RA147 | 373625 | 761812 | RA187 | 373524 | 762255 |
| RA148 | 373639 | 761829 | RA188 | 373508 | 762255 |
| RA149 | 373623 | 761831 | RA189 | 373454 | 762255 |
| RA150 | 373610 | 761831 | RA190 | 373722 | 762315 |
| RA151 | 373523 | 761812 | RA191 | 373553 | 762315 |
| RA152 | 373508 | 761812 | RA192 | 373537 | 762315 |
| RA153 | 373452 | 761812 | RA193 | 373524 | 762315 |
| RA154 | 373437 | 761812 | RA194 | 373730 | 762334 |
| RA155 | 373610 | 761850 | RA195 | 373722 | 762334 |
| RA156 | 373523 | 761831 | RA196 | 373608 | 762334 |
| RA157 | 373508 | 761831 | RA197 | 373553 | 762334 |
| RA158 | 373452 | 761831 | RA198 | 373537 | 762334 |
| RA159 | 373437 | 761831 | RA199 | 373527 | 762334 |
| RA160 | 373508 | 761850 | RA200 | 373733 | 762353 |
| RA161 | 373452 | 761850 | RA201 | 373608 | 762353 |
| RA162 | 373438 | 761850 | RA202 | 373553 | 762353 |
| RA163 | 373505 | 761908 | RA203 | 373537 | 762351 |
| RA164 | 373452 | 761909 | RA204 | 373624 | 762409 |
| RA165 | 373454 | 761922 | RA205 | 373636 | 762430 |
| RA166 | 373559 | 761945 | RA206 | 373640 | 762450 |
| RA167 | 373605 | 762040 | RA207 | 373651 | 762508 |
| RA168 | 373506 | 762040 | RA208 | 373809 | 762527 |
| RA169 | 373455 | 762040 | RA209 | 373818 | 762605 |
| RA170 | 373508 | 762100 | RA210 | 373711 | 762605 |
| RA171 | 373452 | 762100 | RA211 | 373833 | 762626 |
| RA172 | 373508 | 762120 | RA212 | 373822 | 762626 |

BLUE STRATUM (20'-29")

| SAMPLE SITES | LAT | LONG |
|--------------|--------|--------|
| RA213 | 373719 | 762626 |
| RA214 | 373833 | 762645 |
| RA215 | 373823 | 762645 |
| RA216 | 373722 | 762645 |
| RA217 | 373833 | 762704 |
| RA218 | 373822 | 762704 |
| RA219 | 373733 | 762704 |
| RA220 | 373722 | 762704 |
| RA221 | 373712 | 762645 |
| RA222 | 373712 | 762704 |
| RA223 | 373831 | 762723 |
| RA224 | 373821 | 762723 |
| RA225 | 373737 | 762723 |
| RA226 | 373722 | 762723 |
| RA227 | 373712 | 762723 |
| RA228 | 373821 | 762741 |
| RA229 | 373737 | 762741 |
| RA230 | 373725 | 762741 |
| RA231 | 373821 | 762758 |
| RA232 | 373738 | 762758 |
| RA233 | 373725 | 762758 |
| RA234 | 373922 | 762820 |
| RA235 | 373908 | 762820 |
| RA236 | 373854 | 762820 |
| RA237 | 373833 | 762820 |
| RA238 | 373821 | 762820 |
| RA239 | 373735 | 762820 |
| RA240 | 373723 | 762820 |
| RA241 | 373921 | 762836 |
| RA242 | 373908 | 762838 |
| RA243 | 373852 | 762838 |
| RA244 | 373836 | 762838 |
| RA245 | 373821 | 762838 |
| RA246 | 373734 | 762838 |
| RA247 | 373908 | 762857 |
| RA248 | 373852 | 762857 |
| RA249 | 373836 | 762857 |
| RA250 | 373821 | 762857 |
| RA251 | 373733 | 762857 |
| RA252 | 373725 | 762857 |

BLUE STRATUM (20'-29")

| SAMPLE SITES | LAT | LONG |
|--------------|--------|--------|
| RA253 | 373852 | 762913 |
| RA254 | 373836 | 762916 |
| RA255 | 373821 | 762916 |
| RA256 | 373722 | 762916 |
| RA257 | 373712 | 762916 |
| RA258 | 373821 | 762932 |
| RA259 | 373722 | 762935 |
| RA260 | 373806 | 762953 |
| RA261 | 373722 | 762953 |
| RA262 | 373722 | 763034 |
| RA263 | 373722 | 763050 |
| RA264 | 373703 | 763050 |
| RA265 | 373722 | 763114 |
| RA266 | 373740 | 763132 |
| RA267 | 373722 | 763132 |
| RA268 | 373740 | 763148 |
| RA269 | 373750 | 763234 |
| RA270 | 373808 | 763225 |
| RA271 | 373842 | 763303 |
| RA272 | 373907 | 763325 |
| RA273 | 373937 | 763340 |
| RA274 | 374007 | 763340 |
| RA275 | 374023 | 763340 |
| RA276 | 374125 | 763400 |
| RA277 | 374125 | 763340 |
| RA278 | 374140 | 763400 |
| RA279 | 374208 | 763400 |
| RA280 | 374221 | 763400 |
| RA281 | 374237 | 763420 |
| RA282 | 374237 | 763400 |
| RA283 | 374252 | 763420 |
| RA284 | 374306 | 763432 |
| RA285 | 374320 | 763432 |
| RA286 | 374320 | 763500 |
| RA287 | 374332 | 763500 |
| RA288 | 374410 | 763535 |
| RA289 | 374453 | 763613 |
| RA290 | 374507 | 763634 |
| RA291 | 374520 | 763654 |
| RA292 | 374537 | 763654 |

BLUE STRATUM (20'-29")

| SAMPLE SITES | LAT | LONG |
|-----------------|--------|--------|
| RA293 | 374550 | 763730 |
| RA294 | 374550 | 763749 |
| RA295 | 374610 | 763810 |
| RA296 | 374622 | 763945 |
| RA297 | 374653 | 764000 |
| RA298 | 374708 | 764000 |
| RA299 | 374724 | 764020 |
| RA300 | 374739 | 764041 |
| RA301 | 374739 | 764058 |
| RA302 | 374750 | 764119 |
| RA303 | 374809 | 764135 |
| RA304 | 374821 | 764200 |
| RA305 | 374821 | 764217 |
| RA306 | 374838 | 764235 |
| RA307 | 374838 | 764253 |
| RA308 | 374853 | 764317 |
| RA309 | 374910 | 764328 |
| RA310 | 374922 | 764346 |
| RA311 | 374950 | 764410 |
| RA312 | 375009 | 764430 |
| RA313 | 375038 | 764457 |
| RA314 | 375054 | 764505 |
| RA315 | 375109 | 764509 |
| RA316 | 375124 | 764525 |

BLUE STRATUM (20'-29")

| SAMPLE SITES | LAT | LONG |
|-----------------|--------|--------|
| RA317 | 375140 | 764544 |
| RA318 | 375153 | 764609 |
| RA319 | 375208 | 764609 |
| RA320 | 375223 | 764620 |
| RA321 | 375253 | 764636 |
| RA322 | 375306 | 764636 |
| RA323 | 375324 | 764636 |
| RA324 | 375336 | 764659 |
| RA325 | 375309 | 764719 |
| RA326 | 375436 | 764833 |
| RA327 | 375452 | 764955 |
| RA328 | 375507 | 764918 |
| RA329 | 375523 | 764944 |
| RA330 | 375851 | 765258 |
| RA331 | 375851 | 765324 |
| RA329 | 375523 | 764944 |
| RA333 | 380009 | 765415 |
| RA335 | 380023 | 765418 |
| RA801 | 380240 | 765507 |
| RA802 | 380237 | 765503 |
| RA803 | 380253 | 765507 |
| RA804 | 380305 | 765507 |
| RA805 | 380319 | 765514 |

WHITE STRATUM (30'-49")

| SAMPLE SITES | LAT | LONG |
|--------------|--------|--------|
| RA334 | 373554 | 761715 |
| RA336 | 373608 | 761813 |
| RA337 | 373538 | 761833 |
| RA338 | 373538 | 761850 |
| RA339 | 373522 | 761908 |
| RA340 | 373522 | 761927 |
| RA341 | 373507 | 761927 |
| RA342 | 373521 | 761947 |
| RA343 | 373553 | 762005 |
| RA344 | 373520 | 762005 |
| RA345 | 373553 | 762023 |
| RA346 | 373520 | 762023 |
| RA347 | 373554 | 762040 |
| RA348 | 373523 | 762041 |
| RA349 | 373523 | 762100 |
| RA350 | 373523 | 762120 |
| RA351 | 373523 | 762139 |
| RA352 | 373525 | 762157 |
| RA353 | 373534 | 762218 |
| RA354 | 373539 | 762216 |
| RA355 | 373551 | 762255 |
| RA356 | 373609 | 762314 |
| RA357 | 373624 | 762333 |
| RA358 | 373622 | 762216 |
| RA359 | 373637 | 762235 |
| RA360 | 373653 | 762235 |
| RA361 | 373706 | 762255 |
| RA362 | 373652 | 762255 |
| RA363 | 373637 | 762255 |
| RA364 | 373706 | 762314 |
| RA365 | 373652 | 762314 |
| RA366 | 373712 | 762328 |
| RA367 | 373722 | 762350 |
| RA368 | 373637 | 762350 |
| RA369 | 373650 | 762410 |
| RA370 | 373637 | 762410 |
| RA371 | 373706 | 762430 |
| RA372 | 373652 | 762430 |
| RA373 | 373708 | 762450 |
| RA374 | 373652 | 762450 |

WHITE STRATUM (30'-49")

| SAMPLE SITES | LAT | LONG |
|--------------|--------|--------|
| RA375 | 373723 | 762508 |
| RA376 | 373708 | 762508 |
| RA377 | 373705 | 762528 |
| RA378 | 373805 | 762548 |
| RA379 | 373736 | 762549 |
| RA380 | 373723 | 762549 |
| RA381 | 373804 | 762606 |
| RA382 | 373735 | 762606 |
| RA383 | 373722 | 762606 |
| RA384 | 373805 | 762626 |
| RA385 | 373735 | 762626 |
| RA386 | 373805 | 762655 |
| RA387 | 373736 | 762655 |
| RA388 | 373805 | 762703 |
| RA389 | 373806 | 762723 |
| RA390 | 373805 | 762819 |
| RA391 | 373805 | 762840 |
| RA392 | 373805 | 762857 |
| RA393 | 373804 | 762915 |
| RA394 | 373736 | 763014 |
| RA395 | 373753 | 763051 |
| RA396 | 373807 | 763051 |
| RA397 | 373807 | 763110 |
| RA398 | 373822 | 763131 |
| RA399 | 373807 | 763131 |
| RA400 | 373850 | 763150 |
| RA401 | 373836 | 763151 |
| RA402 | 373819 | 763151 |
| RA403 | 373805 | 763207 |
| RA404 | 373848 | 763207 |
| RA405 | 373833 | 763207 |
| RA406 | 373905 | 763227 |
| RA407 | 373923 | 763227 |
| RA408 | 373907 | 763227 |
| RA409 | 373852 | 763227 |
| RA410 | 373951 | 763247 |
| RA411 | 373937 | 763247 |
| RA412 | 373923 | 763247 |
| RA413 | 373953 | 763304 |
| RA414 | 373937 | 763304 |

WHITE STRATUM (30'-49")

| SAMPLE SITES | LAT | LONG |
|--------------|--------|--------|
| RA415 | 373937 | 763322 |
| RA416 | 373953 | 763322 |
| RA417 | 374008 | 763322 |
| RA418 | 374023 | 763322 |
| RA419 | 374036 | 763322 |
| RA420 | 374052 | 763322 |
| RA421 | 374106 | 763322 |
| RA422 | 374106 | 763305 |
| RA423 | 374122 | 763322 |
| RA424 | 374122 | 763305 |
| RA425 | 374133 | 763322 |
| RA426 | 374133 | 763305 |
| RA427 | 374153 | 763340 |
| RA428 | 374153 | 763322 |
| RA429 | 374206 | 763322 |
| RA430 | 374223 | 763340 |
| RA431 | 374440 | 763536 |
| RA432 | 374440 | 763554 |
| RA433 | 374452 | 763558 |
| RA434 | 374508 | 763615 |
| RA435 | 374508 | 763554 |
| RA436 | 374524 | 763614 |
| RA437 | 374537 | 763636 |
| RA438 | 374537 | 763616 |

WHITE STRATUM (30'-49")

| SAMPLE SITES | LAT | LONG |
|--------------|--------|--------|
| RA439 | 374551 | 763636 |
| RA440 | 374551 | 763654 |
| RA441 | 374605 | 763750 |
| RA442 | 374605 | 763809 |
| RA443 | 374605 | 763829 |
| RA444 | 374606 | 763846 |
| RA445 | 374607 | 763905 |
| RA446 | 374619 | 763925 |
| RA447 | 374625 | 763945 |
| RA448 | 374637 | 764003 |
| RA449 | 374707 | 764023 |
| RA450 | 380107 | 765440 |
| RA451 | 380120 | 765442 |
| RA452 | 380136 | 765442 |
| RA453 | 380150 | 765450 |
| RA806 | 380338 | 765521 |
| RA807 | 380349 | 765519 |
| RA808 | 380408 | 765532 |
| RA809 | 380420 | 765535 |
| RA810 | 380428 | 765550 |
| RA811 | 380440 | 765612 |
| RA812 | 380450 | 765648 |
| RA813 | 380453 | 765707 |
| RA814 | 380457 | 765727 |

RED STRATUM (OVER 50')

| SAMPLE SITES | LAT | LONG |
|--------------|--------|--------|
| RA454 | 373556 | 761813 |
| RA455 | 373555 | 761833 |
| RA456 | 373555 | 761849 |
| RA457 | 373553 | 761907 |
| RA458 | 373540 | 761928 |
| RA459 | 373538 | 761945 |
| RA460 | 373538 | 762004 |
| RA461 | 373538 | 762024 |
| RA462 | 373537 | 762040 |
| RA463 | 373537 | 762058 |
| RA464 | 373550 | 762119 |
| RA465 | 373537 | 762119 |
| RA467 | 373550 | 762137 |
| RA468 | 373550 | 762158 |
| RA469 | 373537 | 762158 |
| RA470 | 373606 | 762215 |
| RA471 | 373550 | 762215 |
| RA472 | 373620 | 762234 |
| RA473 | 373608 | 762234 |
| RA474 | 373553 | 762234 |
| RA475 | 373634 | 762253 |
| RA476 | 373623 | 762253 |
| RA477 | 373608 | 762253 |
| RA478 | 373637 | 762313 |
| RA479 | 373626 | 762313 |
| RA480 | 373654 | 762333 |
| RA431 | 373638 | 762333 |
| RA482 | 373707 | 762352 |
| RA483 | 373655 | 762350 |
| RA484 | 373709 | 762410 |
| RA485 | 373723 | 762429 |
| RA486 | 373736 | 762450 |
| RA487 | 373753 | 762547 |
| RA488 | 373755 | 762606 |
| RA489 | 373756 | 762627 |
| RA490 | 373758 | 762644 |
| RA491 | 373758 | 762704 |

RED STRATUM (OVER 50')

| SAMPLE SITES | LAT | LONG |
|--------------|--------|--------|
| RA492 | 373757 | 762721 |
| RA493 | 373756 | 762741 |
| RA494 | 373754 | 762800 |
| RA495 | 373753 | 762820 |
| RA496 | 373752 | 762838 |
| RA497 | 373752 | 762855 |
| RA498 | 373751 | 762916 |
| RA499 | 373750 | 762935 |
| RA500 | 373748 | 762955 |
| RA501 | 373749 | 763013 |
| RA502 | 373737 | 763033 |
| RA503 | 373737 | 763049 |
| RA504 | 373748 | 763110 |
| RA505 | 373753 | 763130 |
| RA506 | 373756 | 763145 |
| RA507 | 373807 | 763150 |
| RA508 | 373819 | 763206 |
| RA509 | 373833 | 763226 |
| RA510 | 373849 | 763246 |
| RA511 | 373907 | 763303 |
| RA512 | 373920 | 763305 |
| RA513 | 374008 | 763305 |
| RA514 | 374022 | 763306 |
| RA515 | 374037 | 763303 |
| RA516 | 374140 | 763303 |
| RA517 | 374208 | 763303 |
| RA518 | 374221 | 763325 |
| RA519 | 374237 | 763340 |
| RA520 | 374252 | 763400 |
| RA521 | 374306 | 763400 |
| RA522 | 374320 | 763420 |
| RA523 | 374350 | 763432 |
| RA524 | 374350 | 763500 |
| RA525 | 374410 | 763516 |
| RA526 | 374425 | 763516 |
| RA527 | 374550 | 763714 |

BROWN STRATUM (7'-11')

| SAMPLE SITES | LAT | LONG |
|-----------------|--------|--------|
| RA528 | 373623 | 761947 |
| RA529 | 373625 | 762005 |
| RA530 | 373625 | 762023 |
| RA531 | 373622 | 762041 |
| RA532 | 373454 | 762315 |
| RA533 | 373508 | 762334 |
| RA534 | 373454 | 762334 |
| RA535 | 373508 | 762351 |
| RA536 | 373508 | 762409 |
| RA537 | 373527 | 762430 |
| RA538 | 373608 | 762430 |
| RA539 | 373624 | 762508 |
| RA540 | 373624 | 762527 |
| RA541 | 373703 | 762953 |
| RA542 | 373820 | 763325 |
| RA543 | 373851 | 763400 |
| RA544 | 373907 | 763420 |
| RA545 | 373907 | 763400 |
| RA546 | 373924 | 763400 |
| RA547 | 373952 | 763420 |
| RA548 | 374022 | 763420 |
| RA549 | 374057 | 763432 |
| RA550 | 374007 | 763432 |
| RA551 | 374007 | 763500 |
| RA552 | 374023 | 763432 |
| RA553 | 374023 | 763500 |
| RA554 | 374125 | 763500 |
| RA555 | 374125 | 763432 |
| RA556 | 374140 | 763500 |
| RA557 | 374208 | 763500 |
| RA558 | 374208 | 763520 |
| RA559 | 374221 | 763500 |
| RA560 | 374221 | 763520 |
| RA561 | 374350 | 763615 |
| RA562 | 374410 | 763644 |
| RA563 | 374424 | 763644 |
| RA564 | 374424 | 763500 |
| RA565 | 374439 | 763644 |
| RA566 | 374439 | 763500 |
| RA567 | 374453 | 763500 |

BROWN STRATUM (7'-11')

| SAMPLE SITES | LAT | LONG |
|-----------------|--------|--------|
| RA568 | 374507 | 763500 |
| RA569 | 374535 | 763520 |
| RA570 | 374550 | 763520 |
| RA571 | 374550 | 763536 |
| RA572 | 374550 | 763551 |
| RA573 | 374610 | 763613 |
| RA574 | 374610 | 763644 |
| RA575 | 374610 | 763654 |
| RA576 | 374507 | 763714 |
| RA577 | 374622 | 763714 |
| RA578 | 374520 | 763748 |
| RA579 | 374622 | 763748 |
| RA580 | 374639 | 763748 |
| RA581 | 374500 | 763749 |
| RA582 | 374639 | 763749 |
| RA583 | 374500 | 763810 |
| RA584 | 374639 | 763810 |
| RA585 | 374500 | 763828 |
| RA586 | 374639 | 763828 |
| RA587 | 374653 | 763828 |
| RA588 | 374708 | 763828 |
| RA589 | 374500 | 763849 |
| RA590 | 374537 | 763849 |
| RA591 | 374639 | 763849 |
| RA592 | 374653 | 763849 |
| RA593 | 374708 | 763849 |
| RA594 | 374500 | 763905 |
| RA595 | 374537 | 763905 |
| RA596 | 374550 | 763905 |
| RA597 | 374500 | 763929 |
| RA598 | 374537 | 763929 |
| RA599 | 374550 | 763929 |
| RA600 | 374537 | 763945 |
| RA601 | 374550 | 763945 |
| RA602 | 374724 | 763945 |
| RA603 | 374345 | 763945 |
| RA604 | 374750 | 763945 |
| RA605 | 374809 | 763945 |
| RA606 | 374537 | 764000 |
| RA607 | 374550 | 764000 |

BROWN STRATUM (7'-11')

| SAMPLE SITES | LAT | LONG |
|--------------|--------|--------|
| RA608 | 374610 | 764000 |
| RA609 | 374345 | 764000 |
| RA610 | 374750 | 764000 |
| RA611 | 374809 | 764000 |
| RA612 | 374537 | 764020 |
| RA613 | 374550 | 764020 |
| RA614 | 374610 | 764020 |
| RA615 | 374625 | 764020 |
| RA616 | 374635 | 764020 |
| RA617 | 374550 | 764020 |
| RA618 | 374808 | 764020 |
| RA619 | 374809 | 764041 |
| RA620 | 374821 | 764041 |
| RA621 | 374821 | 764058 |
| RA622 | 374821 | 764058 |
| RA623 | 374821 | 764119 |
| RA624 | 374821 | 764118 |
| RA625 | 374345 | 764135 |
| RA626 | 374821 | 764135 |
| RA627 | 374345 | 764200 |
| RA628 | 374750 | 764200 |
| RA629 | 374853 | 764200 |
| RA630 | 374345 | 764217 |
| RA631 | 374750 | 764217 |
| RA632 | 374910 | 764217 |
| RA633 | 374345 | 764235 |
| RA634 | 374750 | 764235 |
| RA635 | 374809 | 764235 |
| RA636 | 374345 | 764253 |
| RA637 | 374750 | 764253 |
| RA638 | 374809 | 764253 |
| RA639 | 374821 | 764253 |
| RA640 | 374022 | 764253 |
| RA641 | 374750 | 764317 |
| RA642 | 374809 | 764317 |
| RA643 | 374828 | 764317 |
| RA644 | 374821 | 764317 |
| RA645 | 374550 | 764317 |
| RA646 | 374809 | 764328 |
| RA647 | 374821 | 764328 |

BROWN STRATUM (7'-11')

| SAMPLE SITES | LAT | LONG |
|--------------|--------|--------|
| RA648 | 374821 | 764328 |
| RA649 | 374853 | 764328 |
| RA650 | 374550 | 764328 |
| RA651 | 374821 | 764346 |
| RA652 | 374821 | 764346 |
| RA653 | 374853 | 764346 |
| RA654 | 374810 | 764346 |
| RA655 | 374810 | 764410 |
| RA656 | 374910 | 764410 |
| RA657 | 374922 | 764410 |
| RA658 | 374922 | 764430 |
| RA659 | 374550 | 764430 |
| RA660 | 374550 | 764457 |
| RA661 | 374950 | 764457 |
| RA662 | 375009 | 764457 |
| RA663 | 374950 | 764505 |
| RA664 | 375009 | 764401 |
| RA665 | 375023 | 764401 |
| RA666 | 375023 | 764525 |
| RA667 | 375038 | 764525 |
| RA668 | 375054 | 764525 |
| RA669 | 375124 | 764401 |
| RA670 | 375208 | 764640 |
| RA671 | 375253 | 764655 |
| RA672 | 375324 | 764624 |
| RA673 | 375336 | 764624 |
| RA674 | 375352 | 764640 |
| RA675 | 375407 | 764640 |
| RA676 | 375407 | 764655 |
| RA677 | 375407 | 764719 |
| RA678 | 375420 | 764736 |
| RA679 | 375535 | 765008 |
| RA680 | 375551 | 765028 |
| RA681 | 375607 | 765045 |
| RA682 | 375622 | 765045 |
| RA683 | 375622 | 765108 |
| RA684 | 375706 | 765141 |
| RA685 | 375722 | 765141 |
| RA686 | 375736 | 765141 |
| RA687 | 375736 | 765122 |

BROWN STRATUM (7'-11')

| SAMPLE SITES | LAT | LONG |
|--------------|--------|--------|
| RA688 | 375650 | 765605 |
| RA689 | 375707 | 765205 |
| RA690 | 375707 | 765223 |
| RA691 | 375720 | 765205 |
| RA692 | 375736 | 765205 |
| RA693 | 375759 | 765205 |
| RA694 | 375759 | 765223 |
| RA695 | 375806 | 765204 |
| RA696 | 375806 | 765605 |
| RA697 | 375821 | 765224 |
| RA698 | 375838 | 765258 |
| RA699 | 375838 | 765314 |
| RA700 | 375840 | 765338 |
| RA701 | 375838 | 765400 |
| RA702 | 375854 | 765417 |
| RA703 | 375854 | 765437 |

BROWN STRATUM (7'-11')

| SAMPLE SITES | LAT | LONG |
|--------------|--------|--------|
| RA704 | 375854 | 765455 |
| RA705 | 375854 | 765518 |
| RA706 | 375907 | 765437 |
| RA707 | 375907 | 765455 |
| RA708 | 375924 | 765455 |
| RA709 | 375935 | 765455 |
| RA710 | 375953 | 765455 |
| RA711 | 380038 | 765417 |
| RA712 | 380038 | 765455 |
| RA713 | 380049 | 765417 |
| RA714 | 380049 | 765456 |
| RA715 | 380106 | 765456 |
| RA716 | 380106 | 765533 |
| RA717 | 380117 | 765456 |
| RA718 | 380117 | 765533 |