

VCM 213

## DATA DOCUMENTATION FORM

NUMBER

77-0324

NOAA FORM 24-13  
(4-72)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
HILLOPS SECTION  
ROCKVILLE, MARYLAND 20852TR1306  
Sup. tape - 6968FORM APPROVED  
O.M.B. No. 41-R-2051

F008

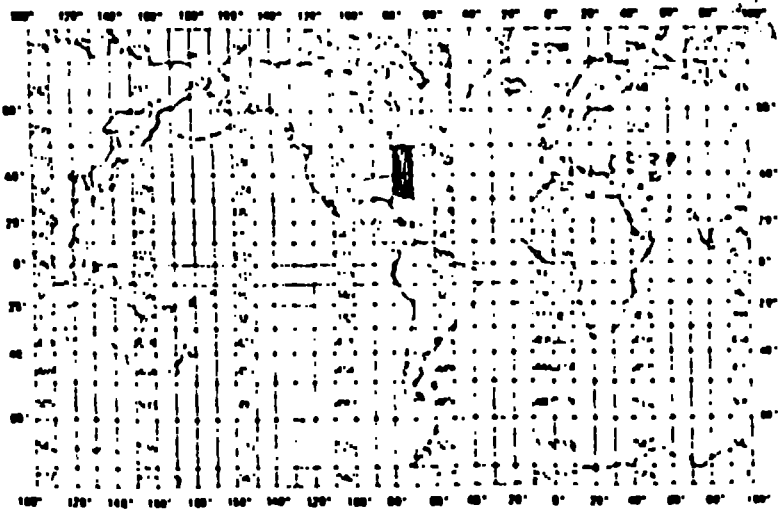
00PLANKTON 008  
4/24/77 Rec'd 4/28/77

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

DDF A:3:24

## A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

|  |   |   |                                   |
|--|---|---|-----------------------------------|
| 1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED   |   |   |                                   |
| Virginia Institute of Marine Science<br>Gloucester Point, Virginia 23062   |   |   |                                   |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED  |   | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT                            |                                   |
| BLM  |   | BLM03W  |                                   |
| 4. PLATFORM NAME(S)  | 5. PLATFORM TYPE(S)<br>(E.G., SHIP, BUOY, ETC.) | 6. PLATFORM AND OPERATOR<br>NATIONALITY(IES)  | 7. DATES                          |
| R/V Virginian Sea  | Ship  | PLATFORM OPERATOR   | FROM MO, DAY, YR. TO MO, DAY, YR. |
|  |   | R/V Virginian Sea VIMS  | 06/07/76 06/17/76                 |
| 8. ARE DATA PROPRIETARY?<br><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES<br>IF YES, WHEN CAN THEY BE RELEASED<br>FOR GENERAL USE? YEAR _____ MONTH _____  |   | 11. PLEASE DARKEN ALL MARGEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. |                                   |
| 9. ARE DATA DECLARED NATIONAL PROGRAM (NMP)?<br>(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTER HOLDINGS FOR INTERNATIONAL EXCHANGE?)<br><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW) |   | GENERAL AREA  |                                   |
| 10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM 1)   |   |                 |                                   |
| Dr. Gerald L. Engel<br>Virginia Institute of Marine Science<br>Gloucester Point, Va. 23062<br>804-642-2111   |   |   |                                   |

# B. SCIENTIFIC CONTENT

| NAME OF DATA FIELD        | REPORTING UNITS OR CODE         | METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL) | ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES | DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING         |
|---------------------------|---------------------------------|--|--|---|
| Latitude & Long.          | Degrees, mins., seconds         | Loran "C" SIMRAD Model LC101   |  | Program used to convert from LORAN C coordinant to Lat. & Long. |
| Latitudinal Hemisphere    | N or S                          |  |  |   |
| Longitudinal Hemisphere   | E or W                          |  |  |   |
| Station time              | GTM to nearest tenth of an hour | Wrist watch checked daily with W/V                                   |  |   |
| Water depth               | to nearest tenth of a meter     | Hydroproducts PDR  |  |   |
| Water sample depth        | to nearest meter                | CTD Neil Brown MK III  |  |   |
| Surface water temperature | °C to nearest tenth             | Mercury in glass stem thermometer                                    |  |   |
| Barometric pressure       | millibars, hundreds to tenths   | Barograph-Castella of London   |  |   |
| Dry-bulb air temperature  | °C to nearest tenth             | Aspirated Psychrometer Bendix Model 566                              |  |   |
| Wet-bulb air temperature  | °C to nearest tenth             | Aspirated Psychrometer Bendix Model 566                              |  |   |
| Wind direction            | tens of degrees WMO code 0877   | Ship's compass   |  |   |
| Wind speed                | knots                           | Anemometer Taylor Wind-scope Model 3105                              |  |   |
| Wave direction            | tens of degrees WMO code 0877   | Ship's compass - Visual observation                                  |  |   |
| Wave height               | 1/2 meters WMO code 1555        | Visual observation   |  |   |
| Swell direction           | tens of degrees WMO code 0877   | Ship's compass - visual observation                                  |  |   |
| Swell height              | 1/2 meters WMO code 1555        | Visual observation   |  |   |
| Weather                   | WMO code 4677                   | Visual observation   |  |   |
| Cloud type                | WMO codes 0513, 0515, 0509      | Visual observation   |  |   |
| Cloud cover               | WMO code 2700                   | Visual observation   |  |   |
| Visibility                | WMO code 4300                   | Visual observation   |  |   |
| Wave period               | seconds                         | Wrist watch - Visual observation                                     |  |   |

## B. SCIENTIFIC CONTENT

[illegible]

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

1. File Header "1" in position 10
2. Sample Header 1 "2" in position 10
3. Terminator for Sample Header 1 Positions 1-10 identical to last sample header, "998" in positions 11-13
4. Sample Header 2 "3" in position 10
5. Terminator for Sample Header 2 Positions 1-10 identical to the last sample header "998" in positions 11-13.
6. Data Record "4" in position 10
7. Terminator for data for Positions 1-10 identical to last data record, each sample "999" - position 11-13
8. File Terminator Positions 1-10 identical to last data record, "999" in positions 11-13

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

First record is File Header. Following this are Sample Header records 1 & 2, each followed by a Terminator record. Following this are Data Records for that sample followed by Terminator record. Sample headers, terminators, data records, terminator sequence is repeated until final terminator record.

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL  
☒ FORTRAN ☐ \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Gerald L. Engel  
ADDRESS Gloucester Point, Virginia

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

|  |   |
|--|---|
| <p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>          | <p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH<br/><input checked="" type="checkbox"/> 0.6 inch</p>  |
| <p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>  | <p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17<br/><input type="checkbox"/> _____</p>  |
| <p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD<br/><input type="checkbox"/> EVEN</p>  | <p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>VCM 213<br/>Va. Inst. of Marine Sc.<br/>Zooplankton (008) BLM03W</p> <p>File Label: Zooplank. 77/04 / 24</p> |
| <p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 356 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p> | <p>12. PHYSICAL BLOCK LENGTH IN BYTES<br/>86</p> <p>13. LENGTH OF BYTES IN BITS<br/>8</p>   |

RECORD NAME **FILE HEADER**

| 14. FIELD NAME   | 15. POSITION<br>FROM - 1<br>MEASURED<br>IN BYTES<br>(e.g., bits, bytes) | 16. LENGTH |       | 17. ATTRIBUTES<br>(FORTRAN) | 18. USE AND MEANING   |
|------------------|---|------------|-------|-----------------------------|---|
|                  |   | NUMBER     | UNITS |                             |   |
| File Type        | 1   | 3          | Chars | A3                          | "008" file type (zooplankton)   |
| File Date        | 4   | 6          | Bytes | 3I2                         | Year, month, day of file generation   |
| Record Type      | 10  | 1          | Chars | A1                          | "1" (File Header record)  |
| Vessel           | 11  | 11         | Chars | 11A1                        | Vessel name (left-justified)  |
| Cruise           | 22  | 6          | Chars | 6A1                         | Originator's cruise identify (left-justified)                               |
| Cruise Dates     | 28  | 17         | Bytes | 5 (I2,A1)<br>I2             | XX/XX/XX-XX/XX/XX<br>Beginning year, month, day-<br>Ending year, month, day |
| Senior Scientist | 45  | 19         | Chars | 19A1                        | (left-justified)  |
| Investigator     | 64  | 23         | Chars | 23A1                        | Investigators & Institution responsible for data.                           |

RECORD NAME Sample Header 1

| 14. FIELD NAME                                      | 15. POSITION<br>FROM - 1<br>MEASURED<br>IN BYTES<br>(e.g., bits, bytes) | 16. LENGTH |       | 17. ATTRIBUTES<br>(Fortran) | 18. USE AND MEANING   |
|---|---|------------|-------|-----------------------------|---|
|   |   | NUMBER     | UNITS |                             |   |
| File Type   | 1   | 3          | Chars | A3                          | "008" file-type (Zooplankton)   |
| File Date   | 4   | 6          | Bytes | 3I2                         | Year, month, day of file generation   |
| Record Type   | 10  | 1          | Char  | A1                          | "2" (first sample header record)  |
| Sequence  | 11  | 3          | Chars | A3                          | Sequence of this record type within sample  |
| Lab Sample No.                                      | 14  | 5          | Chars | 5A1                         | Sample identifier   |
| Latitude  | 19  | 6          | Bytes | 3I2                         | Degrees, minutes, seconds   |
| Lathem  | 25  | 1          | Char  | A1                          | Hemisphere "N" or "S"   |
| Longitude   | 26  | 7          | Bytes | I3, 2I2                     | Degrees, minutes, seconds   |
| Lonhem  | 33  | 1          | Char  | A1                          | Hemisphere, "E" or "W"  |
| Date  | 34  | 8          | Bytes | 2(I2,A1)I2                  | xx/xx/xx Sample date, (year, month, day)  |
| Tow Start Time                                      | 42  | 3          | Bytes | F3.1*                       | GMT in hours  |
| Tow Duration  | 45  | 3          | Bytes | I3                          | minutes   |
| STEMP   | 48  | 3          | Bytes | F3.1*                       | Surface water Temperature(°C)   |
| SSALIN  | 51  | 3          | Bytes | F3.1*                       | Surface Salinity(parts per thou)  |
| Tow Max. Depth                                      | 54  | 4          | Bytes | I4                          | Maximum depth of sampling gear (meters)   |
| Gear  | 58  | 2          | Bytes | I2                          | Code of gear used (see attached codes)  |
| Replicates  | 60  | 2          | Bytes | I2                          | Number of replicates in the Samples   |
| Mesh  | 62  | 4          | Bytes | I4                          | Net mesh size (microns)   |
| Type Tow  | 66  | 1          | Bytes | I1                          | Type of Tow:<br>1-Vertical, 2-oblique,<br>3-stepped oblique,<br>4-horizontal, discrete,<br>5-horizontal, open on descent<br>and/or ascent |
| Flow  | 67  | 5          | Bytes | F5.1*                       | Volume of water sampled(cubic meters)   |
| Navigation  | 72  | 2          | Bytes | I2                          | Navigation method (see attached codes)  |
| Depth   | 74  | 4          | Bytes | I4.1*                       | Total water column depth at start of tow (meters)   |
| Individuals   | 78  | 6          | Bytes | I6                          | Number of individuals<br>(blank if not given)   |
| Species   | 84  | 3          | Bytes | I3                          | Number of species<br>(blank if not given)   |
| *Decimal place is IMPLIED; "period" is not present. |   |            |       |                             |   |

## RECORD NAME \_\_\_\_\_

| 14. FIELD NAME                                     | 15. POSITION<br>FROM - 1<br>MEASURED<br>IN bytes<br>(e.g., bits, bytes) | 16. LENGTH |       | 17. ATTRIBUTES<br><br>(Fortran) | 18. USE AND MEANING                                  |
|--|---|------------|-------|---------------------------------|--|
|  |   | NUMBER     | UNITS |                                 |  |
| <b>Record Type "2" Terminators</b>                 |   |            |       |                                 |  |
| Ident  | 1   | 10         | Bytes | A3, 3I2, A1                     | Same as Sample Header Record                         |
| Sequence   | 11  | 3          | Chars | A3                              | "998" (constant)                                     |
| Blank  | 14  | 73         | Bytes | 73X                             | Blank  |
| <b>Sample Header Record 2</b>                      |   |            |       |                                 |  |
| File Type  | 1   | 3          | Chars | A3                              | "008" (constant)                                     |
| File Date  | 4   | 6          | Bytes | 3I2                             | year, month, day of file generation                  |
| Record Type  | 10  | 1          | Char  | A1                              | "3" (second sample header record)                    |
| Sequence   | 11  | 3          | Bytes | I3                              | Sequence of this record type within sample           |
| Sample   | 14  | 5          | Chars | 5A1                             | Sample number identifier                             |
| Barometer  | 19  | 3          | Bytes | F3.1*                           | Pressure in millibars                                |
| Dry Bulb   | 22  | 4          | Bytes | F4.1*                           | Air temperature; degrees Celsius                     |
| Wet Bulb   | 26  | 4          | Bytes | F4.1*                           | Air temperature; degrees Celsius                     |
| Wind Direction                                     | 30  | 2          | Bytes | I2                              | WMO code 0877; tens of degrees                       |
| Wind Speed   | 32  | 2          | Bytes | I2                              | Knots  |
| Wave Direction                                     | 34  | 2          | Bytes | I2                              | WMO code 0877; tens of degrees                       |
| Wave Height  | 36  | 1          | Byte  | I1                              | WMO code 1555  |
| Swell Direction                                    | 37  | 2          | Bytes | I2                              | WMO code 0877; tens of degrees                       |
| Swell Height                                       | 39  | 1          | Byte  | I1                              | WMO code 1555  |
| Weather  | 40  | 2          | Bytes | I2                              | WMO code 4677  |
| Cloud type   | 42  | 3          | Bytes | I3                              | WMO codes 0513,0515,0509                             |
| Cloud cover  | 45  | 1          | Bytes | I1                              | WMO code 2700; percent of cloud cover                |
| Visibility   | 46  | 1          | Byte  | I1                              | WMO code 4300  |
| Blank  | 47  | 1          | Byte  | 1X                              | Blank  |
| Turbidity  | 48  | 1          | Byte  | I1                              | Turbidity measurement technique (see attached codes) |
| Wave Period  | 49  | 2          | Bytes | I2                              | Seconds  |
| Swell Period                                       | 51  | 2          | Bytes | I2                              | Seconds  |
| Sea SFC Temp                                       | 53  | 3          | Bytes | F3.1*                           | Sea surface temperature degrees celsius              |
| Blank  | 56  | 31         | Bytes | 31X                             | Blank  |
| *Decimal place is IMPLIED; "period" is not present |   |            |       |                                 |  |

## RECORD NAME

| 14. FIELD NAME                    | 15. POSITION<br>FROM - 1<br>MEASURED<br>IN Bytes<br>(e.g., bits, bytes) | 16. LENGTH |       | 17. ATTRIBUTES | 18. USE AND MEANING                        |
|-----------------------------------|---|------------|-------|----------------|--|
|                                   |   | NUMBER     | UNITS |                |  |
| <b>Record Type "3" Terminator</b> |   |            |       |                |  |
| Ident                             | 1   | 10         | Bytes | A3,3I2,A1      | Same as Sample Header Record 2             |
| Sequence                          | 11  | 3          | Chars | A3             | "998" (constant)                           |
| Blank                             | 14  | 73         | Bytes | 73X            | Blank                                      |
| <b>Data Record</b>                |   |            |       |                |  |
| File Type                         | 1   | 3          | Chars | A3             | "008" (constant)                           |
| File Date                         | 4   | 6          | Bytes | 3I2            | year, month, day of file generation        |
| Record Type                       | 10  | 1          | Char  | A1             | "4" (data record)                          |
| Sequence                          | 11  | 3          | Bytes | I3             | Sequence of this record type within sample |
| Sample                            | 14  | 5          | Chars | 5A1            | Sample identifier                          |
| Species                           | 19  | 10         | Bytes | I10            | Species code (VIMS code)                   |
| Count                             | 29  | 5          | Bytes | I6             | Number of individuals                      |
| Order of Mag                      | 34  | 1          | Byte  | I1             | Order of Magnitude                         |
| Blank                             | 35  | 52         | Bytes | 52X            | Blank                                      |
| <b>Data Record Terminator</b>     |   |            |       |                |  |
| Ident                             | 1   | 10         | Bytes | A3,3I2,A1      | Same as Data Record                        |
| Sequence                          | 11  | 3          | Chars | A3             | "998" (constant)                           |
| Blank                             | 14  | 73         | Bytes | 73X            | Blank                                      |
| <b>File Terminator</b>            |   |            |       |                |  |
| Ident                             | 1   | 10         | Bytes | A3,3I2,A1      | Same as data record                        |
| Sequence                          | 11  | 3          | Chars | A3             | "999" (constant)                           |
| Blank                             | 14  | 73         | Bytes | 73X            | Blank                                      |



### Navigation:

- 01 = Loran (mixed or unspecified)
- 02 = Radar and/or fixes
- 03 = Raydist without complications
- 04 = Raydist with errors, drifting, etc.
- 05 = Satellite
- 06 = Omega
- 07 = Loran A only
- 08 = Loran C only

### Turbidity Measurement Technique:

- 1 = Turbidometer; in JTU
- 2 = Transmissometer; in percent of light transmission over a 10 cm path
- 3 = Fluorometer; suspended solids calibration
- 4 = Nephelometer

### Gear:

- 01-one meter conical net
- 02-1/2 meter conical net
- 03-Clark-Bumpus (5")
- 04-Miller High-Speed sampler (5")
- 05-Bongo sampler (8")
- 06-Bongo sampler (1/2 meter)
- 07-Bongo sampler (24")
- 08-Neuston net, PNS (Zaitsev-type)
- 09-Neuston net, simple rectangular
- 10-Neuston net, WHOI-type
- 11-Clarke-Bumpus 12"

## D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

| INSTRUMENT TYPE<br>(IMFR., MODEL NO.)  | DATE OF LAST<br>CALIBRATION | INSTRUMENT WAS CALIBRATED BY |                                      | CHECK ONE:<br>INSTRUMENT IS CALIBRATED |                                  |                                   |                                |                            | INSTRUMENT<br>IS<br>NOT<br>CALI-<br>BRATED |
|--|-----------------------------|------------------------------|--------------------------------------|--|----------------------------------|-----------------------------------|--------------------------------|----------------------------|--|
|  |                             | YOUR<br>ORGANIZATION<br>(✓)  | OTHER<br>ORGANIZATION<br>(GIVE NAME) | AT FIXED<br>INTERVALS<br>(✓)           | BEFORE<br>OR<br>AFTER USE<br>(✓) | BEFORE<br>AND<br>AFTER USE<br>(✓) | ONLY<br>AFTER<br>REPAIR<br>(✓) | ONLY<br>WHEN<br>NEW<br>(✓) |  |
| Neil Brown Inst.<br>CTD MK III         | July, 1976                  | ✓                            |                                      |  | ✓                                |                                   |                                |                            |  |
| Beckman Minds<br>D. O. Sensor          | July, 1976                  | ✓                            |                                      |  | ✓                                |                                   |                                |                            |  |
| Beckman Inductive<br>Salinometer RS 7B | Dec. 1975                   | ✓                            |                                      | * ✓<br>Annually                        |                                  |                                   |                                |                            |  |
|  |                             |                              |                                      |  |                                  |                                   |                                |                            |  |
|  |                             |                              |                                      |  |                                  |                                   |                                |                            |  |
|  |                             |                              |                                      |  |                                  |                                   |                                |                            |  |
|  |                             |                              |                                      |  |                                  |                                   |                                |                            |  |
|  |                             |                              |                                      |  |                                  |                                   |                                |                            |  |
|  |                             |                              |                                      |  |                                  |                                   |                                |                            |  |

TO: OC12

FROM: OC13

SUBJECT: Error Correction in Processing of Data Set - Accession # 7700324

- 1) File Type: F008 (converted to F124)
- 2) Project Ident.: VIMS-OCS
- 3) Track Nos.: TR 1306

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

*None*

III. Processor Name:

Mary Lewis

ACCESSION/TRACK # 7700324/TP1306

| Step                  | Completion Date/Init. |                             | Tape #<br>or DSN | # of<br>Files | BLKSIZE | LRECL | # RECORDS |
|-----------------------|-----------------------|-----------------------------|------------------|---------------|---------|-------|-----------|
| ORIGINATOR TAPE       | 2/23/83               | <del>812P</del>             | VC M213          | 3             | 86      | 86    |           |
| ADI/SCAN TAPE         | 2/23/83               | <del>812P</del>             | 001808           | 3             | 86      | 86    |           |
| ASSIGNED FOR PROCESS. |                       |                             |                  |               |         |       |           |
| OF EVALUATION         | 2/6/84                |                             |                  |               |         |       |           |
| QUALITY REVIEW        | 2/6/84                |                             |                  |               |         |       |           |
| ELIMINARY DATA SORT   |                       |                             |                  |               |         |       |           |
| ELIMINARY MULCHEK     | 2/3/84                | DNO DC X MARY. TP1306A/E124 |                  |               |         |       | 1431      |
| FIRST USER TAPE       |                       |                             |                  |               |         |       |           |
| WORK DISK FILE        | 2/3/84                |                             |                  |               |         |       |           |
| FINAL USER TAPE       |                       |                             |                  |               |         |       |           |
| FINAL MULCHEK         | 2/7/84                |                             |                  |               |         |       |           |
| EDITED DISK FILE      |                       |                             |                  |               |         |       |           |
| DATA SET "FINALIZED"  |                       |                             |                  |               |         |       |           |

## TAPE ASSIGNMENT SHEET

ACCESSION NO.: 7700324

TRACK NO(s): TR1306

| Type of Tape | Tape Number               | Label | LRECL | BLKSIZE | RECFM                     | Remarks |
|--------------|---------------------------|-------|-------|---------|---------------------------|---------|
| Originator   | VCM213                    | SL    | 86    | 86      | 9-t<br>1600 BPI<br>EBCDIC |         |
| Duplicate    | 001808                    | SL    | 86    | 86      | 9-t<br>1600 BPI<br>ASCII  |         |
| Reformatted  |                           |       |       |         |                           |         |
| First User   |                           |       |       |         |                           |         |
| Final User   |                           |       |       |         |                           |         |
| DISK<br>File | DWOXC* MARY. TR1306A/F124 |       |       |         |                           | 11431   |
|              |                           |       |       |         |                           |         |
|              |                           |       |       |         |                           |         |

·  
Password:

| accNo   | fleA | refNo  | proj | inst | ship  | startDate  | cruise | catId  |
|---------|------|--------|------|------|-------|------------|--------|--------|
| -----   | ---- | -----  | ---- | ---- | ----- | -----      | -----  | -----  |
| 7700324 | F124 | TR1306 | 0084 | 3128 | 32VS  | 1976/06/09 | BLM03W | 303823 |

(1 row affected)

Password:

| accNo   | fleA  | refNo  | ship  | staCnt | recCnt | startDate | endDate  |
|---------|-------|--------|-------|--------|--------|-----------|----------|
| -----   | ----- | -----  | ----- | -----  | -----  | -----     | -----    |
| 7700324 | F124  | TR1306 | 32VS  | 66     | 1431   | 76/06/09  | 76/06/16 |

(1 row affected)