

RCVD 5 JUN 78 DDE A:3:12

ACCESSION NUMBER 78.0506

ICHTHYOPLANKTON DATA DOCUMENTATION FORM ORIGINATORS TAPE RETURNED

NOAA FORM 24-13 (4-72)

521

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION ROCKVILLE, MARYLAND 20852

FORM APPROVED O.M.B. No. 41-R2651

91 TOWS

REQUEST; TWO NODC TAPE COPIES

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.

BLM/OCS - So. TEXAS

9 TRK 3188 8133

1600 b.p.l LRECL = 84 NO LABEL BLK SIZE = 2100

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		TELEPHONE
Dr. John H. Finucane National Marine Fisheries Service Panama City Laboratory P.O. Box 4218 Panama City, Florida 32401		904-234-6541 FTS - 946-4232

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED	3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT
Ichthyoplankton Survey of the Texas Outer Continental Shelf-1977 CONTRACT # AA550-CT6-17 Inter Agency # OB550-IAS-19	see attachment

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
LONGHORN	SHIP		
		PLATFORM	OPERATOR
		FROM: MO, DAY, YR TO: MO, DAY, YR	
		see attachment	

8. ARE DATA PROPRIETARY?

NO YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

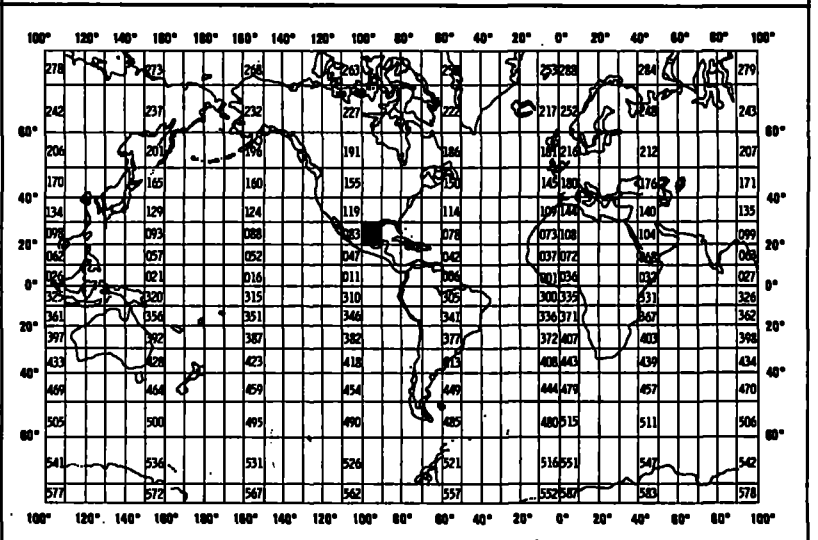
GENERAL AREA

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

NO YES PART (SPECIFY BELOW)

All



10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)

Same as Item 1

B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

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
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model S510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	φ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING
TWO PAGES FOR THIS INFORMATION)

CRUISE

DATE

01

1/11/77 - 1/21/77

02

3/14/77 - 3/15/77

03

4/20/77 - 4/21/77

04

5/16/77 - 5/20/77

05

7/6/77

06

8/4/77 - 8/5/77

07

9/7/77 - 9/11/77

08

11/5/77 - 11/6/77

09

12/2/77 - 12/3/77

VESSEL LONGHORN USED ON ALL
CRUISES

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
Water Filtered	m ³	General Oceanic digital flowmeter	Standard MARMAP Ichthyoplankton procedures	
Displacement Volume	ml	Yentch Plankton Volume guage Model -024 WA100	Standard MARMAP Ichthyoplankton procedures	
Bionumeric Code	NOAA Technical Report - NMFS SSR - Fish No. 659			

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

C. DATA FORMAT

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).
2. Describe briefly how your file is organized.
- 3-13. Self-explanatory.
14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity).
15. Enter starting position of the field.
16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.
17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").
18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

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

There is only one record type. Each Physical record on tape contains 2100 bytes. Each physical record contains 25 logical records as described in Section 14.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

The tape consists of one file. The file consists of multiple physical records (2100 bytes in length) followed by an end of file

3. ATTRIBUTES AS EXPRESSED IN PL-1 ALGOL COBOL
 FORTRAN _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Hillman Holley 504-255-6306 (FIS 685-6306)
ADDRESS Slidell Computer Center Slidell, La. 70458

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input checked="" type="checkbox"/> SEVEN</p> <p><input type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input checked="" type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><input checked="" 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>TAPE # = 12410</p> <p>.. BLM 1977</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>2100</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>6</p>

RECORD FORMAT DESCRIPTION

Ichthyoplankton

RECORD NAME

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	bytes	I3	"102" constant
Gear Type	4	2	bytes	I2	Collection gear =1, Neuston Net =2, Bongo Net, 333 μ Mesh =3, Bongo Net, 505 μ Mesh =4, 1 meter Net, 250 μ Mesh - day =5, 1 meter Net, 250 μ Mesh - night
Cruise	6	3	bytes	A3	Cruise Number
Day	9	2	bytes	I2	Day of cruise
Month	11	2	bytes	I2	Month of cruise
Year	13	2	bytes	I2	last two digits of year of cruise
Latitude					
Degrees	15	2	bytes	I2	Latitude at the beginning of each tow
Minutes	17	2	bytes	I2	
Seconds	19	2	bytes	I2	
Longitude					
Degrees	21	2	bytes	I2	Longitude at the beginning of each tow
Minutes	23	2	bytes	I2	
Seconds	25	2	bytes	I2	
Time	27	24 4	bytes	I4	Start time (Central Time Zone) of tow. (24 hour clock)

RECORD FORMAT DESCRIPTION

RECORD NAME Ichthyoplankton

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Tow Duration Minutes Seconds	31 33	2 2	bytes bytes	I2 I2	Length of tow
Species	35	9	bytes	I9	Bionumeric Code 999999999 = unknown
Number Caught	44	5	bytes	I5	Number of individuals caught
Minimum Size	49	4	bytes	F4.1*	Size of smallest individual in mm to tenths
Maximum Size	53	4	bytes	F4.1*	Size of largest individual in mm to tenths
Mean Size	57	4	bytes	F4.1*	Mean size in mm to tenths
** Displacement Volume	61	4	bytes	F4.1*	Displaced volume of sample in ml to tenths
** Water Filtered	65	4	bytes	F4.1*	Volume of water filtered during tow in m ³ to tenths
** Eggs	69	5	bytes	I6	Number of fish eggs in sample
blank	75	10	bytes	10X	blank - not used

RECORD FORMAT DESCRIPTION

RECORD NAME

Ichthyoplankton

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<p>* "Decimal point" is Implied; i.e "Decimal point" is not present 1047 = 104.7</p> <p>** These fields should be filled out only on first record of each tow.</p>					

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

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 (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED (✓)
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
General Oceanics Digital Flowmeter	N/A	✓				✓			
Yentch Plankton Volume Gauge Model-024 WA100	N/A	✓				✓			