

ACCESSION  
NUMBER

8800192

DATA DOCUMENTATION FORM

F132

TV2838-TV2858

NOAA FORM 24-13  
(2-85)

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20235

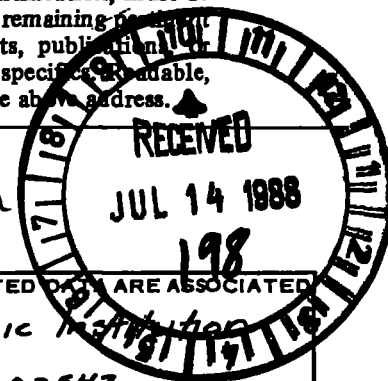
FORM APPROVED  
O.M.B. No. 0648-0024  
EXPIRES 2/29/87

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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 specifications. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

F132



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																	
Battelle Ocean Sciences 397 Washington Street Duxbury, MA 02332		Woods Hole Oceanographic Institution Woods Hole, MA 02543															
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT															
Study of Biological Processes on the U.S. South Atlantic Slope and Rise U.S. Department of the Interior Minerals Management Service		JAI - JAL															
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES														
RV Columbus Iselin RV Cape Hatteras RV Gyre	Ship Ship Ship	USA USA	<table border="1"> <thead> <tr> <th>FROM: MO/DAY/YR</th> <th>TO: MO/DAY/YR</th> </tr> </thead> <tbody> <tr> <td>11/10/83</td> <td>4/21/85</td> </tr> <tr> <td>03/16/84</td> <td>05/28/84</td> </tr> <tr> <td>07/01/84</td> <td>07/29/84</td> </tr> <tr> <td>05/11/85</td> <td>06/25/85</td> </tr> <tr> <td>04/12/85</td> <td>04/25/85</td> </tr> <tr> <td>11/18/85</td> <td>11/26/85</td> </tr> </tbody> </table>	FROM: MO/DAY/YR	TO: MO/DAY/YR	11/10/83	4/21/85	03/16/84	05/28/84	07/01/84	07/29/84	05/11/85	06/25/85	04/12/85	04/25/85	11/18/85	11/26/85
FROM: MO/DAY/YR	TO: MO/DAY/YR																
11/10/83	4/21/85																
03/16/84	05/28/84																
07/01/84	07/29/84																
05/11/85	06/25/85																
04/12/85	04/25/85																
11/18/85	11/26/85																
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> 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.															
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" 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. James A. Blake (617) 934-5682 0571																	

## 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	700	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	$\phi$ 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)

## B. SCIENTIFIC CONTENT

[illegible]

## 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

*File Type 132*

*A record - A in column 10*  
*C record - C in column 10*  
*E record - E in column 10*  
*F record - F in column 10*  
*T record - T in column 10*

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

*A* *crucial record*  
*C* *station record*  
*E* *replicate record*  
*F* *data records*  
*E* *replicate record*  
*F* *data records*  
*C* *station record*  
*E*  
*F*  
*E*  
*F*  
*A* *C* *E*

*} T text records intermingled*

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER *Ellen M Baptiste (617) 934-0571*

ADDRESS *Battelle 397 Washington St Duxbury MA*

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY  <input checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC  <input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH  <input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN  <input checked="" type="checkbox"/> NINE  <input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17  <input type="checkbox"/> _____</p>
<p>7. PARITY <input type="checkbox"/> ODD  <input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  <i>NODC-1 Battelle</i>  <i>File Type 132</i>  <i>6* files (DDF for 1* file)</i>  <i>Vol 2</i></p>
<p>8. DENSITY <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI  <input type="checkbox"/> 355 BPI  <input type="checkbox"/> 800 BPI  <input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES  <i>800</i></p> <p>13. LENGTH OF BYTES IN BITS  <i>8</i></p>

# RECORD FORMAT DESCRIPTION

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

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bins, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<p>See NODC</p> <p>Note</p> <ol style="list-style-type: none"> <li>1. Duplicate taxonomic codes within a replicate represent different species. Many new species were encountered during this study which are not named therefore can not be coded. These specimen were given a NODC code as complete as possible.</li> <li>2. Three additional boxcores were sampled at stations 4 and 10 on the 6<sup>th</sup> cruise. These were identified down to Phylum and ash-free dry weight determined.</li> </ol>	File	Type	132		

**'RECORD NAME**

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., mile, byte)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		



## RECORD FORMAT DESCRIPTION

**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		

**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 (✓)	

ACCESSION  
NUMBER

8800192

## DATA DOCUMENTATION FORM

F132

NOAA FORM 24-13  
(2-85)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20235FORM APPROVED  
O.M.B. No. 0648-0024  
EXPIRES 2/29/87

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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 specifications. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

FILE 2 F132

## 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																	
Battelle Ocean Sciences 397 Washington Street Duxbury, MA 02332		Woods Hole Oceanographic Institution Woods Hole, MA 02543															
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT															
Study of Biological Processes on the U.S. Mid-Atlantic Slope and Rise U.S. Department of the Interior Minerals Management Service		MD1 - MD6															
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES														
RV Cape Hatteras RV Oceanus RV Gyre	Ship Ship Ship	USA USA	<table border="1"> <thead> <tr> <th>FROM: MO, DAY, YR</th> <th>TO: MO, DAY, YR</th> </tr> </thead> <tbody> <tr> <td>05/02/84</td> <td>05/10/84</td> </tr> <tr> <td>07/31/84</td> <td>08/01/84</td> </tr> <tr> <td>11/27/84</td> <td>12/10/84</td> </tr> <tr> <td>05/14/85</td> <td>05/24/85</td> </tr> <tr> <td>05/01/85</td> <td>05/13/85</td> </tr> <tr> <td>11/09/85</td> <td>11/13/85</td> </tr> </tbody> </table>	FROM: MO, DAY, YR	TO: MO, DAY, YR	05/02/84	05/10/84	07/31/84	08/01/84	11/27/84	12/10/84	05/14/85	05/24/85	05/01/85	05/13/85	11/09/85	11/13/85
FROM: MO, DAY, YR	TO: MO, DAY, YR																
05/02/84	05/10/84																
07/31/84	08/01/84																
11/27/84	12/10/84																
05/14/85	05/24/85																
05/01/85	05/13/85																
11/09/85	11/13/85																
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> 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.															
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" 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. Nancy Maciolek (617) 934-5682 0571																	

## 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)

—

NOAA FORM 24-13 . DC 44289-P

**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

*File Type 132*

A record - A in column 10  
C record - C in column 10  
E record - E in column 10  
F record - F in column 10  
T record - T in column 10

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

A cruise record  
C station record  
E replicate record  
F data records  
E replicate record  
F data records  
T text records intermingled

C  
E  
F  
A

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Ellen M Baptiste (617) 934-0571

ADDRESS Battelle 397 Washington St Duxbury MA

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> BCD</div> <div><input type="checkbox"/> BINARY</div> </div> <div style="display: flex; justify-content: space-between;"> <div><input checked="" type="checkbox"/> ASCII</div> <div><input type="checkbox"/> EBCDIC</div> </div> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> _____</div> <div><input type="checkbox"/> _____</div> </div>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> SEVEN</div> <div><input checked="" type="checkbox"/> NINE</div> </div> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> _____</div> <div><input type="checkbox"/> _____</div> </div>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____</p>
<p>7. PARITY</p> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> ODD</div> <div><input type="checkbox"/> EVEN</div> </div>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>NoDC-1 Battelle File Type 132 67 files (DDF for 2nd file) Vol 1</p>
<p>8. DENSITY</p> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> 200 BPI</div> <div><input checked="" type="checkbox"/> 1600 BPI</div> </div> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> 556 BPI</div> <div><input type="checkbox"/> 800 BPI</div> </div> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> _____</div> <div><input type="checkbox"/> _____</div> </div>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES <u>800</u></p> <p>13. LENGTH OF BYTES IN BITS <u>8</u></p>

# RECORD FORMAT DESCRIPTION

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

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (m, dm, cm, mm, micron)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<p>See NODC File Type</p> <p>Note:</p> <ol style="list-style-type: none"> <li>1. Duplicate taxonomic codes within a replicate represent different species. Many new species were encountered during this study which are not named therefore can not be coded. These specimens were given a NODC code as complete as possible.</li> <li>2. Three additional box cores were sampled at Stations 6 and 10 on the 5<sup>th</sup> cruise. These were identified down to phylum and ash-free dry weight determined.</li> </ol>		132			

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

NOAA FORM 24-13

# RECORD FORMAT DESCRIPTION

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		

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

NOAA FORM 24-18

## 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 (✓)	

ACCESSION  
NUMBER

8800192

DATA DOCUMENTATION FORM

F132

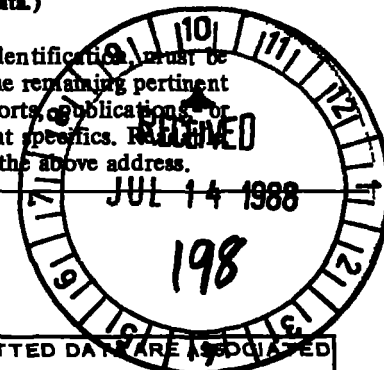
NOAA FORM 24-13  
(2-85)

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20238

FORM APPROVED  
O.M.B. No. 0648-0024  
EXPIRES 2/29/87

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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. ~~Handwritten~~ handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.



F132

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			
Battelle Ocean Sciences 397 Washington Street Duxbury, MA 02332		Woods Hole Oceanographic Institution Woods Hole, MA 02543	
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
Study of Biological Processes on the U.S. North Atlantic Slope and Rise U.S. Department of the Interior Minerals Management Service		NA1 - NA6	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
RV Cape Hatteras	ship	PLATFORM OPERATOR	FROM: MO, DAY, YR TO: MO, DAY, YR
RV Oceanus	ship	USA USA	8/04/84 04/26/85 07/03/85 11/22/85 04/29/86 07/25/86
RV Gyre	ship		05/16/84 05/17/85 07/07/85 11/30/85 08/06/86 07/25/86
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> 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.	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" 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. Nancy Maciolek 0571 (617) 934-5682			

## 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)



## 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
Temperature (Bottom)	°C	Niskin bottle reversing thermometers		
Dissolved Oxygen (Bottom)	gm/l	Niskin bottle Winkler titration		
Salinity (Bottom)	%	Niskin bottle Autosal 8400		
CHN (sediment)	% by weight	Perkin-Elmer Model 240 elemental analyzer		
Sediment grain size	φ units % by weight	Standard pipette method		

## 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.

NOAA FORM 24-13

## 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

*File Type 132*

*A record - A in column 10*

*C record - C in column 10*

*E record - E in column 10*

*F record - F in column 10*

*T record - T in column 10*

### 2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

*A cruise record*

*C station record*

*E Replicate record*

*F data records*

*E Replicate record*

*F data records*

*C*

*E  
F*

*A*

*} T text records intermingled*

### 3. ATTRIBUTES AS EXPRESSED IN

☐ PL-1

☐ ALGOL

☐ COBOL

☐ FORTRAN

☐

LANGUAGE

### 4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER *Ellen M. Baptiste*

ADDRESS *Battelle 397 Washington St Duxbury MA*

*(617) 934-0571*

### COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<b>5. RECORDING MODE</b> <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____	<b>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</b> <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
<b>6. NUMBER OF TRACKS (CHANNELS)</b> <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	<b>10. END OF FILE MARK</b> <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
<b>7. PARITY</b> <input type="checkbox"/> ODD <input type="checkbox"/> EVEN	<b>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</b> <i>NODC-1 Battelle</i> <i>File type 132 <del>File type 132</del></i> <i>6-8 files (DDF for 3rd file)</i> <i>Vol 1</i>
<b>8. DENSITY</b> <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	<b>12. PHYSICAL BLOCK LENGTH IN BYTES</b> <i>800</i>
	<b>13. LENGTH OF BYTES IN BITS</b> <i>8</i>

# RECORD FORMAT DESCRIPTION

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

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH NUMBER UNITS		17. ATTRIBUTES	18. USE AND MEANING
<p>See NODC File Type 132</p> <p>Note:</p> <ol style="list-style-type: none"> <li>1. Duplicate taxonomic codes within a replicate represent different species. Many new species were encountered during this study which are not named therefore can not be coded. These specimen were given a NODC code as complete as possible.</li> <li>2. Three additional boxcores were sampled at stations 5 and 8 on the 3<sup>rd</sup> cruise. These were identified down to phylum and ash-free dry weight determined.</li> </ol>					

**'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		

# RECORD FORMAT DESCRIPTION

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		

• • •

\_\_\_\_\_



## 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 (✓)	

03/22/89

TO: E/OC12 - Branch Chief ←  
E/OC11 - P. Hadsell  
FROM: E/OC13 - A. Picciolo  
SUBJECT: Data Transfer

8800192

The following listed data sets have been transferred as indicated:

---

Marine Pollution

(F144)

Acc: 8800192 Ref: TV2821 - TV2837 116 sta. 3,011 rec.

✓ → Acc: 8800192 Ref: TV2838 - TV2858 188 sta. 64,412 rec. ✓

Battelle - NE

MMS/US Slope and Rise

✓ BENTHIC ORGANISMS (F132)

cc: Division Director

CESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
<del>8800192</del>	<del>TV2821</del>	<del>F144</del>	<del>0181</del>	<del>31BE</del>	<del>32GY</del>	<del>SA3</del>	<del>07/09/84</del>	<del>07/24/84</del>	<del>1</del>	<del>36</del>
8800192	TV2838	F132	0181	31BE	32IC	SA1	11/10/83	11/21/83	6	2,440
8800192	TV2839	F132	0181	31BE	32KZ	SA2	03/26/84	04/04/84	3	1,470
8800192	TV2840	F132	0181	31BE	32GY	SA2	05/16/84	05/28/84	4	1,055
8800192	TV2841	F132	0181	31BE	32GY	SA3	07/09/84	07/24/84	7	2,608
8800192	TV2842	F132	0181	31BE	32KZ	SA4	05/14/85	05/25/85	9	2,908
8800192	TV2843	F132	0181	31BE	32GY	SA5	09/01/85	09/10/85	9	2,396
8800192	TV2844	F132	0181	31BE	32KZ	SA6	11/15/85	11/26/85	7	2,444
8800192	TV2845	F132	0181	31BE	32KZ	MD1	03/26/84	04/04/84	2	708
8800192	TV2846	F132	0181	31BE	32OC	MD1	05/02/84	05/10/84	12	4,285
8800192	TV2847	F132	0181	31BE	32GY	MD2	07/31/84	08/09/84	13	4,238
8800192	TV2848	F132	0181	31BE	32OC	MD3	11/27/84	12/10/84	13	4,121
8800192	TV2849	F132	0181	31BE	32OC	MD4	05/14/85	05/24/85	13	4,515
8800192	TV2850	F132	0181	31BE	32OC	MD5	08/01/85	08/13/85	13	4,656
8800192	TV2851	F132	0181	31BE	32GY	MD6	11/09/85	11/19/85	13	4,361
8800192	TV2852	F132	0181	31BE	32KZ	NA1	11/04/84	11/16/84	9	2,875
8800192	TV2853	F132	0181	31BE	32OC	NA1	12/08/84	12/09/84	5	1,820
8800192	TV2854	F132	0181	31BE	32OC	NA2	04/26/85	05/07/85	14	5,221
8800192	TV2855	F132	0181	31BE	32OC	NA3	07/03/85	07/07/85	6	2,091
8800192	TV2856	F132	0181	31BE	32GY	NA4	11/22/85	11/30/85	10	3,197
8800192	TV2857	F132	0181	31BE	32KZ	NA5	04/28/86	05/06/86	10	3,220
8800192	TV2858	F132	0181	31BE	32KZ	NA6	07/25/86	07/30/86	10	3,785

Total 188 64,412

STATION NO. \_\_\_\_\_

FILETYPE \_\_\_\_\_

T. K. NO. \_\_\_\_\_

PROJECT IDENTIFICATION \_\_\_\_\_

8800192

~~F144~~  
F132

BATTELLE STUDY

	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
TAPE	<del>8/1/88</del> 8/3/88	CBT	A00767	6	80	800	64,220 22,160
DATE TAPE	8/3/88	CBT	W08541*	9 <sub>56</sub>	80	800	64,400
ATTED TAPE	3/8/88	R.P.S.	W05716**	1	80	8000	64,412
ATTED DISK							
MULCHER	7/18/89	CBT	SEL DATA. F132TV 2838				
MULCHER	7/21/89	CBT	"				
OR F022	7/21/89	CBT	MP015. TV 2838/F132	1	80	8000	64,412
ET FINALIZED							

REPORTED TO PRINCIPAL INVESTIGATOR:

\* DNODC\* 8800192 - 01.

\* 7 DNODC \* BAT 1320UT.

ONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

~~DELETED~~ ~~2000~~ ~~22,160~~

DELETED 37,972 SACINITY.

'S (TRACKS DELETED, FIELDS DELETED, ETC.)

DELETED ZERO WEIGHTS OF BENTHIC ANIMALS  
DELETED ZERO COUNT OF BENTHIC ANIMALS.

DELETED BAD TAX COPIES

DELETED LONG SECS THROUGHOUT  
" LAT " "

DATA ENTRY INFORMATION SYSTEM  
(DATASET INVENTORY)DATE OF ENTRY: 03-11-75

REFERENCE NUMBER: \_\_\_\_\_

ACCESSION NUMBER: 8800192

FORMER REFERENCE NUMBER: \_\_\_\_\_

FORMER ACCESSION NUMBER: \_\_\_\_\_ (RESUB ONLY)

## INVENTORY

MEDIA-IN: 01 - DIGITAL MAGNETIC TAPE DINDB CODE 09EXCHANGE (FORMAT): E057 - BENTHIC ORGANISMS (F132PROCESSING (FORMAT): F132 - " "

\* NOTE \* If data is F022, create an additional record for C022.

INSTITUTE (COUNTRY AND INSTITUTE CODES): 315E BATTELLE

PLATFORM (COUNTRY AND PLATFORM CODES): \_\_\_\_\_

PLATFORM TYPE: 9 - SHIP DINDB CODE 0932IC 156LIN  
32KZ HATTERAS  
32GY GYRE  
32OC OCEANUS

ORIGINATORS FILE ID: \_\_\_\_\_

ORIGINATORS CRUISE ID: \_\_\_\_\_

CRUISE START DATE: / /CRUISE END DATE: / /Press PgDn  
to continue

PROJECT CODE: \_\_\_\_\_

DATA USE CODE (DUC): \_\_\_\_\_

VOLUME - NUMBER OF STATIONS: \_\_\_\_\_ NUMBER OF RECORDS: \_\_\_\_\_

If STA/REC counts are not appropriate then enter -

NUMBER: \_\_\_\_\_ UNITS: \_\_\_\_\_

## OCEAN AREA

CODE 1: 23DMEANING: NORTH AMERICAN COASTLINE - SOUTH

CODE 2: \_\_\_\_\_

MEANING: \_\_\_\_\_

CODE 3: \_\_\_\_\_

MEANING: \_\_\_\_\_

DINDB TRACK TRANSACTION GENERATED: / /FOR DINDB INFO NEEDED TO DETERMINE NUMBER OF  
RECORDS FOR EACH TRACK (BELIEVE 18) AND  
STATIONS, AND ALSO ASSOCIATED SHIP PLATFORMS

SID

F132

	CRUISE ID	DATES	No. of STATIONS	No. of RECORDS
FILE 1	SA1	11/10/83 - 11/21/83		
	SA2	5/6/84 - 5/28/84		
	SA3	7/9/84 - 7/24/84		
	SA4	5/14/85 - 5/25/85		
	SA5	9/12/85 - 9/28/85		
	SA6	11/15/85 - 11/24/85		
FILE 2	MD1	5/2/84 - 5/10/84		
	MD2	7/31/84 - 8/9/84		
	MD3	11/27/84 - 12/10/84		
	MD4	5/14/85 - 5/24/85		
	MD5	8/1/85 - 8/13/85		
	MD6	11/9/85 - 11/19/85		
FILE 3	NA1	11/4/84 - 11/16/84		
	NA2	4/26/85 - 5/7/85		
	NA3	7/3/85 - 7/7/85		
	NA4	11/22/85 - 11/30/85		
	NA5	4/22/86 - 5/6/86		
	NA6	7/25/86 - 7/30/86		

TOTAL 64,256 RECORDS

5,140,480 BYTES

TRANSMITTAL AND RECEIPT RECORD  
(Please sign and return carbon copy acknowledging receipt)TO: National Oceanographic Data Ctr.  
1825 Connecticut Ave. NW  
Washington, D.C. 20235

REFER TO

ATTENTION

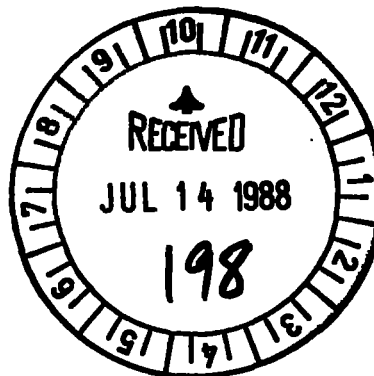
Dr. Tony Picciolo

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY

☐ ORDINARY  
MAIL☐ REGISTERED  
MAIL☐ AIR  
MAIL☐ CERTIFIED  
MAIL☐ GOVERNMENT  
TRUCK☐ BY HAND☐ OTHER

The enclosed reel of magnetic tape (NODC-BATTELLE) contains FT-144 and FT-132 data resulting from the MMS funded "Study of Biological Processes on the United States Slope and Rise". These data are being submitted by Battelle in compliance with their contract obligation.

- 1..Tape NODC-BATTELLE (9 track, 1600 bpi, ASCII, blksize=800, FT-144 and 132 format).
- 2..DDF forms for each file.
- 3..Sample dump of file 1 and 4.
- 4..Transmittal letter from BATTELLE.

8800192  
A00767

cc: N. Maciolek

FORWARDED BY (Signature)

G. Heimerdinger

TITLE

NODC Service Center Rep.

DATE FORWARDED

07/11/88

RECEIVED BY (Signature)

F. Mitchell

TITLE

DATE RECEIVED

7-14-88



May 23, 1988

Mr. George Heimerdinger  
Environmental Data Service  
National Oceanic and Atmospheric Administration  
Northeast Regional Office  
Woods Hole Oceanographic Institution  
Woods Hole, MA 02543

Dear Mr. Heimerdinger:

Enclosed please find a magnetic tape containing data developed during the "Study of Biological Processes on the United States Slope and Rise." Also enclosed are Data Documentation Forms (DDF). Data for all three study areas, the north, mid-, and south Atlantic, are included on this tape.

This program was funded by the Department of the Interior, Minerals Management Service, under contract number 14-12-0001-30064 to Battelle Memorial Institute. This data tape represents a formal deliverable required by our contract.

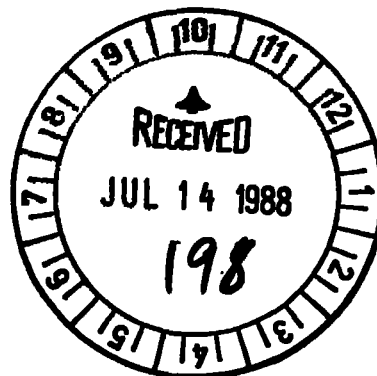
If you have any questions about the tape or the DDFs, please contact either Ms. Ellen Baptiste or me at (617) 934-0571.

Sincerely,

*Nancy J. Maciolek*  
Missiolek  
Nancy J. Maciolek, Ph.D.  
Program Manager

Enclosures

cc: J. Shilkett, MMS  
R. Miller, MMS





COPY TO "L" TAPE, SCAN TPE "W" TAPE  
COPY THE FIRST 3 FILES ONLY TO THE "W" TAPE

INPUT MEDIUM PAPER CARD DISK TAPE SKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT TAPE PLOT DISKETTE OTHER(SPECIFY)
---	---

1/ DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	A00767		9	1600	000	NL	FB	80	800	6
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
JT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	W08541		9	1600	000	SL	FB	80	800	3
UT	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME DNOCK 8800192-01			PURGE DATE

1/ INSTRUCTIONS SEND "W" TAPE TO ASHEVILLE, N.C.	ESTIMATED EXECUTION TIME
---	--------------------------------

USE ONLY					
DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED	
48/12/81	12:30	12:45	C	COMPLETED BY J.S.	

ACCESSION  
NUMBER

8800192

DATA DOCUMENTATION FORM

PT 144

TV2821 - TV2837

NOAA FORM 24-13  
(2-85)

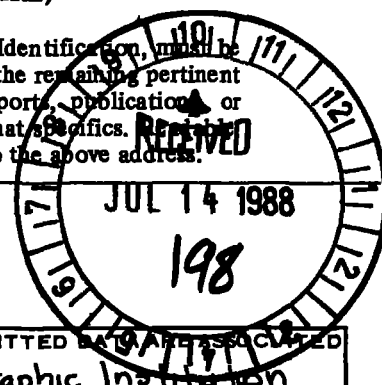
U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20238

FORM APPROVED  
O.M.B. No. 0648-0024  
EXPIRES 2/29/87

F144

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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. Handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.



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			
Battelle Ocean Sciences 397 Washington Street Duxbury, MA 02332		Woods Hole Oceanographic Institution Woods Hole, MA 02543	
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
Study of Biological Processes on the U.S. South Atlantic Slope and Rise U.S. Department of the Interior Minerals Management Service		SA1 - SA6	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
RV Columbus Iselin RV Cape Hatteras RV Gyre	Ship Ship Ship	PLATFORM OPERATOR USA USA	FROM: MO/DAY/YR TO: MO/DAY/YR 11/10/83 11/31/83 06/06/84 06/26/84 07/07/84 07/24/84 08/14/85 08/26/85 09/13/85 09/28/85 11/18/85 11/26/85
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> 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.	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNA- TIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)  Dr. James A. Blake (617) 934-0571 5682			

## 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)

## 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
Sediment Hydrocarbon (Alkane)	ppm	Gas chromatography/ flame ionization  Shimadzu GC-9A	See Report available through NTIS	
Sediment Hydrocarbon (Poly-Aromatic) cyclic	ppm	Gas chromatography/ mass spectrometry  Finnigan 4530 quadropole gc/ms with IncoS 2300 data system		
Tissue <del>Tissue</del> Metal	ppm	Atomic absorption spectrometry  Perkin-Elmer Zeeman/3030		
Tissue Hydrocarbon (Alkane)	ppm	Gas chromatography/ flame ionization  Shimadzu GC-9A		

# 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
Tissue Hydrocarbon (Poly-Aromatic) cyclic	ppm	Gas chromatography/ mass spectrometry  Finnigan 4530 quadrupole gc/ms with Incos 2300 data System		

## 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

File Type 144

A record - A in column 10

C record - C in column 10

E record - E in column 10

F record - F in column 10

T record - T in column 10

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

A cruise record

C station record

E replicate record

F data records

E replicate record

F data records

C station record

E

F

A

T text records intermingled

3. ATTRIBUTES AS EXPRESSED IN

☐ PL-1

☐ ALGOL

☐ COBOL

☐ FORTRAN

☐ \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

Ellen M Baptiste (617) 934-0571

ADDRESS

BATTELLE 397 Washington St Duxbury MA

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 checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</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</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><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>NODC-1 Battelle</p> <p>File type 144</p> <p>6# files (DDF for 4th file)</p> <p>Vol 1</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>800</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>8</p>

# RECORD FORMAT DESCRIPTION

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		
See NO DC	File Type	144			
<p>Note:</p> <ol style="list-style-type: none"> <li>1. Cruises SA1 and SA2 have no chemistry data.</li> <li>2. Data described by the analytical method gas chromatography/ionization (GI) was actually obtained by gas chromatography/flame ionization.</li> <li>3. Duplicate parameter codes within a replicate for tissue samples represent a splitting of the sample. These are not separate replicates or individuals.</li> </ol>					



# RECORD FORMAT DESCRIPTION

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		

# RECORD FORMAT DESCRIPTION

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		

# RECORD FORMAT DESCRIPTION

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

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., mile, degree)	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 (✓)	

ACCESSION  
NUMBER

8800192

DATA DOCUMENTATION FORM **FT 144**

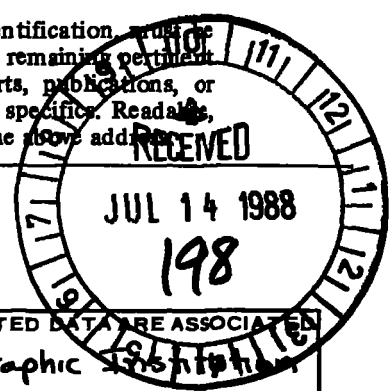
NOAA FORM 24-13  
(2-85)

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20238

FORM APPROVED  
O.M.B. No. 0648-0024  
EXPIRES 2/29/87

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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.



**A. ORIGINATOR IDENTIFICATION**

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

<b>1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED</b> Battelle Ocean Sciences 397 Washington Street Duxbury, MA 02332 Woods Hole Oceanographic Institution Woods Hole, MA 02543	
<b>2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED</b> Study of Biological Processes on the U.S. Mid-Atlantic Slope and Rise U.S. Department of the Interior Minerals Management Service	<b>3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT</b> MD1 - MD6
<b>4. PLATFORM NAME(S)</b> RV Cape Hatteras RV Oceanus RV Gyre	<b>5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)</b> ship ship ship
<b>6. PLATFORM AND OPERATOR NATIONALITY(IES)</b> USA USA	
<b>7. DATES</b> FROM: 05/02/84 07/31/84 11/27/84 08/14/85 08/01/85 11/07/85 TO: 08/10/84 08/04/84 12/10/84 08/24/85 08/18/85 4/19/85	
<b>8. ARE DATA PROPRIETARY?</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH	<b>11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.</b> GENERAL AREA 
<b>9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?</b> (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)	
<b>10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)</b> Dr. Nancy Maciolek 0571 (617) 934-5602	

## 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	7or	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	$\phi$ 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)

# 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
Sediment Hydrocarbon (Alkane)	ppm	Gas chromatography/ flame ionization  Shimadzu GC-9A	See Report available through NTIS	
Sediment Hydrocarbon (polycyclic-Aromatic)	ppm	Gas chromatography/ mass spectrometry  Finnigan 4530 quadrupole gc/ms with Inco 2300 data system		
Tissue Trace Metal	ppm	Atomic Absorption spectrometry  Perkin-Elmer Zeeman/3030		
Tissue Hydrocarbon (Alkane)	ppm	Gas chromatography/ flame ionization  Shimadzu GC-9A		
Tissue Hydrocarbon (polycyclic-Aromatic)	ppm	Gas chromatography/ mass spectrometry  Finnigan 4530 quadrupole gc/ms with Inco 2300 data system		

## 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

*File Type 144*

A record - A in column 10  
G record - G in column 10  
E record - E in column 10  
F record - F in column 10  
T record - T in column 10

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

A cruise record  
C station record  
E replicate record  
F data records  
E replicate record  
F data records  
C station record  
E  
F

} T text records intermingled

3. ATTRIBUTES AS EXPRESSED IN
- |                                  |                                |                                |
|----------------------------------|--------------------------------|--------------------------------|
| <input type="checkbox"/> PL-1    | <input type="checkbox"/> ALGOL | <input type="checkbox"/> COBOL |
| <input type="checkbox"/> FORTRAN | <input type="checkbox"/> _____ | LANGUAGE                       |

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Ellen M Baptiste (617) 934-0571

ADDRESS Battelle 397 Washington St Duxbury MA

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <table border="0"> <tr> <td><input type="checkbox"/> BCD</td> <td><input type="checkbox"/> BINARY</td> </tr> <tr> <td><input checked="" type="checkbox"/> ASCII</td> <td><input type="checkbox"/> EBCDIC</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY	<input checked="" type="checkbox"/> ASCII	<input type="checkbox"/> EBCDIC	<input type="checkbox"/> _____		<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>		
<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY								
<input checked="" type="checkbox"/> ASCII	<input type="checkbox"/> EBCDIC								
<input type="checkbox"/> _____									
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <table border="0"> <tr> <td><input type="checkbox"/> SEVEN</td> </tr> <tr> <td><input checked="" type="checkbox"/> NINE</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> SEVEN	<input checked="" type="checkbox"/> NINE	<input type="checkbox"/> _____	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____</p>					
<input type="checkbox"/> SEVEN									
<input checked="" type="checkbox"/> NINE									
<input type="checkbox"/> _____									
<p>7. PARITY</p> <table border="0"> <tr> <td><input type="checkbox"/> ODD</td> </tr> <tr> <td><input type="checkbox"/> EVEN</td> </tr> </table>	<input type="checkbox"/> ODD	<input type="checkbox"/> EVEN	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>NoDC-1 Battelle File Type 144 6 files (DDF for 5<sup>th</sup> file) Vol 1</p>						
<input type="checkbox"/> ODD									
<input type="checkbox"/> EVEN									
<p>8. DENSITY</p> <table border="0"> <tr> <td><input type="checkbox"/> 200 BPI</td> <td><input checked="" type="checkbox"/> 1600 BPI</td> </tr> <tr> <td><input type="checkbox"/> 556 BPI</td> <td></td> </tr> <tr> <td><input type="checkbox"/> 800 BPI</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI	<input type="checkbox"/> 556 BPI		<input type="checkbox"/> 800 BPI		<input type="checkbox"/> _____		<p>12. PHYSICAL BLOCK LENGTH IN BYTES <u>800</u></p> <p>13. LENGTH OF BYTES IN BITS <u>8</u></p>
<input type="checkbox"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI								
<input type="checkbox"/> 556 BPI									
<input type="checkbox"/> 800 BPI									
<input type="checkbox"/> _____									

# RECORD FORMAT DESCRIPTION

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		
See NODC	File	Type	144		
<p>Note:</p> <ol style="list-style-type: none"> <li>1. Data described by the analytical method gas chromatography/ionization (GI) was actually obtained by gas chromatography/flame ionization.</li> <li>2. Duplicate parameter codes within a replicate for tissue samples represent a splitting of the sample. These are not separate replicates or individuals.</li> </ol>					

**'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		

# RECORD FORMAT DESCRIPTION

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		

## RECORD FORMAT DESCRIPTION

**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		

## 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 (✓)	

ACCESSION  
NUMBER

8800192

DATA DOCUMENTATION FORM

FT 144

NOAA FORM 24-13  
(2-85)

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20238

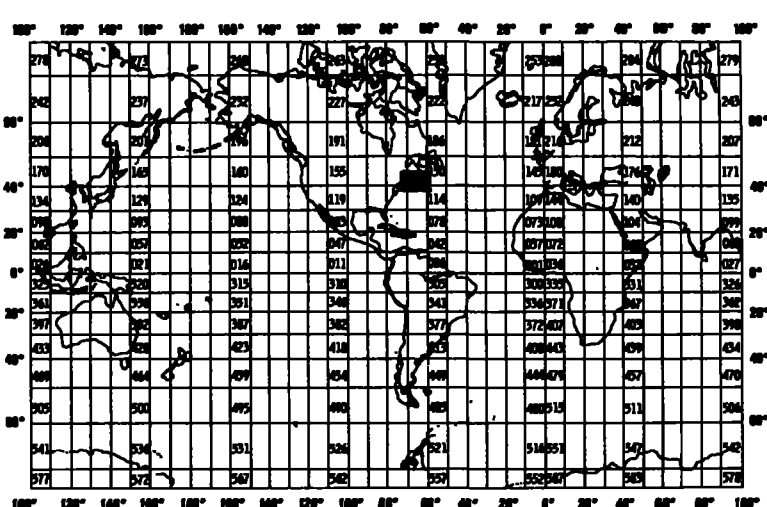
FORM APPROVED  
O.M.B. No. 0648-0024  
EXPIRES 2/29/87

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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.

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			
Battelle Ocean Sciences 397 Washington Street Duxbury, MA 02332	Woods Hole Oceanographic Institution Woods Hole, MA 02543		
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED	3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT		
Study of Biological Processes on the U.S. North Atlantic Slope and Rise U.S. Department of the Interior Minerals Management Service	NA1 - NA6		
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
RV Cape Hatteras RV Oceanus RV Gyre	ship ship ship	PLATFORM OPERATOR USA USA	FROM: MO/DAY/YR TO: MO/DAY/YR 11/04/84 11/16/84 01/26/85 05/07/85 07/08/85 07/07/85 11/22/85 11/30/85 01/28/86 05/06/86 07/05/86 07/20/86
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> 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.	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNA- TIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)			
Dr. Nancy Maciolek (617) 934-5682			



## 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	700	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)

# 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
Sediment Hydrocarbon (Alkane)	ppm	Gas chromatography / flame ionization  Shimadzu GC-9A	See Report available through NTIS	
Sediment Hydrocarbon (polycyclic-aromatic)	ppm	Gas chromatography / mass spectrometry  Finnigan 4530 quadropole gc/ms with Incos 2300 data system		
Tissue Trace Metal	ppm	Atomic absorption Spectrometry  Perkin-Elmer Zeeman/3030		
Tissue Hydrocarbon (Alkane)	ppm	Gas Chromatography/ flame ionization  Shimadzu GC-9A		
Tissue Hydrocarbon (polycyclic-Aromatic)	ppm	Gas chromatography / mass spectrometry  Finnigan 4530 quadropole gc/ms with Incos 2300 data system		

## 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**

*File Type 144*

A record - A in column 10  
 C record - C in column 10  
 E record - E in column 10  
 F record - F in column 10  
 T record - T in column 10

**2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION**

A cruise record  
 C station record  
 E replicate record  
 F data records  
 E replicate record  
 F data records  
 C  
 E  
 F

} T text records intermingled

**3. ATTRIBUTES AS EXPRESSED IN**

☐ PL-1    ☐ ALGOL    ☐ COBOL  
☐ FORTRAN    ☐ \_\_\_\_\_ LANGUAGE

**4. RESPONSIBLE COMPUTER SPECIALIST:**

NAME AND PHONE NUMBER Ellen M Baptiste (617) 934-0571  
 ADDRESS Battelle 397 Washington St Duxbury MA

**COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE**

<p><b>5. RECORDING MODE</b></p> <p><input type="checkbox"/> BCD    <input type="checkbox"/> BINARY  <input checked="" type="checkbox"/> ASCII    <input type="checkbox"/> EBCDIC  <input type="checkbox"/> _____</p>	<p><b>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</b> <input type="checkbox"/> 3/4 INCH  <input type="checkbox"/> _____</p>
<p><b>6. NUMBER OF TRACKS (CHANNELS)</b></p> <p><input type="checkbox"/> SEVEN  <input checked="" type="checkbox"/> NINE  <input type="checkbox"/> _____</p>	<p><b>10. END OF FILE MARK</b></p> <p><input type="checkbox"/> OCTAL 17  <input type="checkbox"/> _____</p>
<p><b>7. PARITY</b></p> <p><input type="checkbox"/> ODD  <input type="checkbox"/> EVEN</p>	<p><b>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</b></p> <p>NoDC-1 Battelle          File Type 144          6 # files (DDF for 6<sup>th</sup> file)          Vol 1</p>
<p><b>8. DENSITY</b></p> <p><input type="checkbox"/> 200 BPI    <input checked="" type="checkbox"/> 1600 BPI  <input type="checkbox"/> 556 BPI  <input type="checkbox"/> 800 BPI  <input type="checkbox"/> _____</p>	<p><b>12. PHYSICAL BLOCK LENGTH IN BYTES</b></p> <p>800</p>
	<p><b>13. LENGTH OF BYTES IN BITS</b></p> <p>8</p>

# RECORD FORMAT DESCRIPTION

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		
See NODC	File	Type		144	
<p>Note:</p> <ol style="list-style-type: none"> <li>1. Cruise NA 5 has no chemistry data.</li> <li>2. Data described by the analytical method gas chromatography/ionization (GI) was actually obtained by gas chromatography/flame ionization.</li> <li>3. Duplicate parameter codes within a replicate for tissue samples represent a splitting of the sample. These are not separate replicates or individuals.</li> </ol>					

# RECORD FORMAT DESCRIPTION

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		

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

NOAA FORM 24-18



**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		

## 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 (✓)	

03/22/89

TO: E/OC12 - Branch Chief  
E/OC11 - P. Hadsell  
FROM: E/OC13 - A. Picciolo  
SUBJECT: Data Transfer

8800192

The following listed data sets have been transferred as indicated:

Marine Pollution (F144)

Acc: 8800192 Ref: TV2821 - TV2837 116 sta. 3,011 rec.

Acc: 8800192 Ref: TV2838 - TV2858 188 sta. 64,412 rec.

Battelle - NE

MMS/US Slope and Rise

BENTHIC ORGANISMS (F132)

cc: Division Director

CESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8800192	TV2821	F144	0181	31BE	32GY	SA3	07/09/84	07/24/84	1	35
8800192	TV2822	F144	0181	31BE	32KZ	SA4	05/14/85	05/25/85	9	293
8800192	TV2823	F144	0181	31BE	32GY	SA5	09/12/85	09/28/85	8	262
8800192	TV2824	F144	0181	31BE	32KZ	SA6	11/15/85	11/26/85	8	183
8800192	TV2825	F144	0181	31BE	32KZ	MD1	03/26/84	04/04/84	2	70
8800192	TV2826	F144	0181	31BE	32OC	MD1	05/02/84	05/10/84	12	285
8800192	TV2827	F144	0181	31BE	32GY	MD2	07/31/84	08/09/84	13	308
8800192	TV2828	F144	0181	31BE	32OC	MD3	11/27/84	12/10/84	4	88
8800192	TV2829	F144	0181	31BE	32OC	MD4	05/14/85	05/24/85	4	86
8800192	TV2830	F144	0181	31BE	32OC	MD5	08/01/85	08/13/85	4	151
8800192	TV2831	F144	0181	31BE	32GY	MD6	11/09/85	11/19/85	5	109
8800192	TV2832	F144	0181	31BE	32KZ	NA1	11/04/84	11/16/84	9	249
8800192	TV2833	F144	0181	31BE	32OC	NA1	12/08/84	12/09/84	5	137
8800192	TV2834	F144	0181	31BE	32OC	NA2	04/26/85	05/07/85	14	378
8800192	TV2835	F144	0181	31BE	32OC	NA3	07/03/85	07/07/85	6	121
8800192	TV2836	F144	0181	31BE	32GY	NA4	11/22/85	11/30/85	6	131
8800192	TV2837	F144	0181	31BE	32KZ	NA6	07/25/86	07/30/86	6	125

TOTALS 116 3,061

CLON NO. \_\_\_\_\_

FILETYPE \_\_\_\_\_

T. K NO. \_\_\_\_\_

PROJECT IDENTIFICATION \_\_\_\_\_

8800192

~~F144~~  
F144

BATBLUE SWAY

DATE

INIT.

TAPE OR  
DISK DSN

NO. FILES LRECL BLK SIZE NO. RECORDS

TAPE	8/1/88	CAT	A00767	6	80	800	22180 22180 22180
DATE TAPE	8/3/88	CAT	W09103	9 SL	80	870	3040
ATTED TAPE	3/8/89	R.P.S	W06561 **	1	80	8000	3,011
ATTED DISK							
MULCHEK	7/18/89	CAT	SEIDATA.F144TV2821	1	80	8000	3041
MULCHEK	7/19/89	CAT	"				
OR F022	7/19/89	CAT	MPD75.TV2821/F144	"	"	"	3011
ET FINALIZED							

REPORTED TO PRINCIPAL INVESTIGATOR:

\* DNODC\* 8800192-02.

\*\* DNODC \*BAT 144OUT.

ONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

DELETED SECONDS OF CAT. AND LONG. > 60.

TS (TRACKS DELETED, FIELDS DELETED, ETC.)

DATA ENTRY INFORMATION SYSTEM  
(DATASET INVENTORY)

DATE OF ENTRY: \_\_\_\_\_

REFERENCE NUMBER: \_\_\_\_\_ ACCESSION NUMBER: 8800192  
FORMER REFERENCE NUMBER: \_\_\_\_\_ FORMER ACCESSION NUMBER: \_\_\_\_\_ (RESUB ONLY)

## INVENTORY

MEDIA-IN: 01 - DIGITAL MAGNETIC TAPE DINDB CODE 09  
EXCHANGE (FORMAT): E059 - MARINE TOXIC SUBSTANCES (F144)  
PROCESSING (FORMAT): F144 - " " "

\* NOTE \* If data is F022, create an additional record for C022.

INSTITUTE (COUNTRY AND INSTITUTE CODES): 31BE BATTELLE  
PLATFORM (COUNTRY AND PLATFORM CODES): \_\_\_\_\_  
PLATFORM TYPE: 9 - SHIP DINDB CODE 09  
32IC 186LIN  
32KZ KATERA  
32GY GYRE  
32OC OCEANUSORIGINATORS FILE ID: \_\_\_\_\_ ORIGINATORS CRUISE ID: \_\_\_\_\_  
CRUISE START DATE: / / CRUISE END DATE: / / Press PgDn  
PROJECT CODE: \_\_\_\_\_ DATA USE CODE (DUC): \_\_\_\_\_ to continue

VOLUME - NUMBER OF STATIONS: \_\_\_\_\_ NUMBER OF RECORDS: \_\_\_\_\_

If STA/REC counts are not appropriate then enter -

NUMBER: \_\_\_\_\_ UNITS: \_\_\_\_\_

## OCEAN AREA

CODE 1: 23D MEANING: NORTH AMERICAN COASTLINE - SOUTH  
CODE 2: \_\_\_\_\_ MEANING: \_\_\_\_\_  
CODE 3: \_\_\_\_\_ MEANING: \_\_\_\_\_DINDB TRACK TRANSACTION GENERATED: / /FOR DINDB INFO NEEDED TO DETERMINE NUMBER OF  
RECORDS FOR EACH TRACK (BELIEVE 18) AND STATIONS,  
AND ALSO ASSOCIATED SHIP PLATFORMS

SD

F 144

	CRUISE ID	DATES	No. of STATIONS	No. of RECORDS
	SA1	11/10/83 - 11/21/83		No CHEMISTRY
	SA2	5/6/84 - 5/28/84		No CHEMISTRY
FILE 1	SA3	7/9/84 - 7/24/84		
	SA4	5/14/85 - 5/25/85		
	SA5	9/12/85 - 9/28/85		
	SA6	11/15/85 - 11/26/85		
	MD1	5/2/84 - 5/10/84		
	MD2	7/31/84 - 8/9/84		
N	MD3	11/27/84 - 12/10/84		
FILE	MD4	5/14/85 - 5/24/85		
	MD5	8/1/85 - 8/13/85		
	MD6	11/9/85 - 11/19/85		
	NA1	11/4/84 - 11/16/84		
	NA2	4/26/85 - 5/7/85		
M	NA3	7/3/85 - 7/7/85		
FILE	NA4	11/22/85 - 11/30/85		
	NA5	4/28/86 - 5/6/86		No CHEMISTRY
	NA6	7/25/86 - 7/30/86		

TOTAL 2899 RECORDS

231,920 BYTES

TRANSMITTAL AND RECEIPT RECORD  
(Please sign and return carbon copy acknowledging receipt)TO: National Oceanographic Data Ctr.  
1825 Connecticut Ave. NW  
Washington, D.C. 20235

REFER TO

ATTENTION

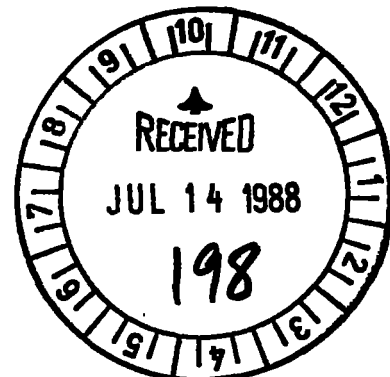
Dr. Tony Picciolo

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY

☐ ORDINARY MAIL ☐ REGISTERED MAIL ☐ AIR MAIL ☐ CERTIFIED MAIL ☐ GOVERNMENT TRUCK ☐ BY HAND ☐ OTHER

The enclosed reel of magnetic tape (NODC-BATTELLE) contains FT-144 and FT-132 data resulting from the MMS funded "Study of Biological Processes on the United States Slope and Rise". These data are being submitted by Battelle in compliance with their contract obligation.

- 1..Tape NODC-BATTELLE (9 track, 1600 bpi, ASCII, blksize=800, FT-144, and 132 format).
- 2..DDF forms for each file.
- 3..Sample dump of file 1 and 4.
- 4..Transmittal letter from BATTELLE.

8800192  
A00767

cc: N. Maciolek

FORWARDED BY (Signature) G. Heimerdinger	TITLE NODC Service Center Rep.	DATE FORWARDED 07/11/88
RECEIVED BY (Signature) F. Mitchell	TITLE	DATE RECEIVED 7-14-88



May 23, 1988

Mr. George Heimerdinger  
Environmental Data Service  
National Oceanic and Atmospheric Administration  
Northeast Regional Office  
Woods Hole Oceanographic Institution  
Woods Hole, MA 02543

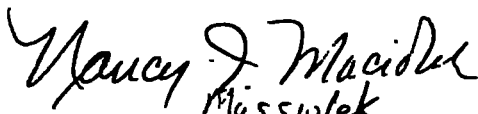
Dear Mr. Heimerdinger:

Enclosed please find a magnetic tape containing data developed during the "Study of Biological Processes on the United States Slope and Rise." Also enclosed are Data Documentation Forms (DDF). Data for all three study areas, the north, mid-, and south Atlantic, are included on this tape.

This program was funded by the Department of the Interior, Minerals Management Service, under contract number 14-12-0001-30064 to Battelle Memorial Institute. This data tape represents a formal deliverable required by our contract.

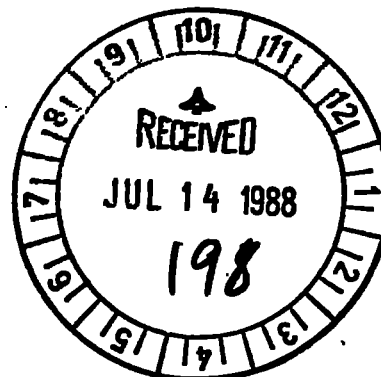
If you have any questions about the tape or the DDFs, please contact either Ms. Ellen Baptiste or me at (617) 934-0571.

Sincerely,

  
Nancy J. Maciolek, Ph.D.  
Program Manager

Enclosures

cc: J. Shilkett, MMS  
R. Miller, MMS



COPY TO "L" TAPE, SCAN TIME "W" TAPE

COPY ~~THE~~ FILES 4, 5 AND 6 ONLY TO THIS "W" TAPE

INPUT MEDIUM  
 PER CARD DISK TAPE  
 KETTE OTHER(SPECIFY)

OUTPUT MEDIUM  
 CARD DISK PRINT TAPE PLOT  
 DISKETTE OTHER(SPECIFY)

DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
A00767		9	1600	000	NL	FB	80	800	6
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
N09103		9	1600	000	SL	FB	80	800	3
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
						DNODCK 8800192-02.			

AL INSTRUCTIONS

SEND "W" TAPE TO ASHEVILLE, N.C.

ESTIMATED  
 EXECUTION  
 TIME

USE ONLY

DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
08/02/88	13:00	14:00	C	COMPLETED BY J.S

Password:

accNo	flea	refNo	proj	inst	ship	startDate	cruise	catId
-----	-----	-----	-----	-----	-----	-----	-----	-----
8800192	F144	TV2821	0181	31BE	32GY	1984/07/22	SA3	179896
8800192	F144	TV2823	0181	31BE	32GY	1985/09/15	SA5	179898
8800192	F144	TV2827	0181	31BE	32GY	1984/08/01	MD2	179902
8800192	F144	TV2831	0181	31BE	32GY	1985/11/12	MD6	179906
8800192	F144	TV2836	0181	31BE	32GY	1985/11/22	NA4	179911
8800192	F132	TV2840	0181	31BE	32GY	1984/05/19	SA2	179915
8800192	F132	TV2841	0181	31BE	32GY	1984/07/11	SA3	179916
8800192	F132	TV2843	0181	31BE	32GY	1985/09/15	SA5	179918
8800192	F132	TV2847	0181	31BE	32GY	1984/08/01	MD2	179922
8800192	F132	TV2851	0181	31BE	32GY	1985/11/10	MD6	179926
8800192	F132	TV2856	0181	31BE	32GY	1985/11/22	NA4	179931
8800192	F132	TV2838	0181	31BE	32IC	1983/11/11	SA1	179913
8800192	F144	TV2822	0181	31BE	32KZ	1985/05/15	SA4	179897
8800192	F144	TV2824	0181	31BE	32KZ	1985/11/18	SA6	179899
8800192	F144	TV2825	0181	31BE	32KZ	1984/03/31	MD1	179900
8800192	F144	TV2832	0181	31BE	32KZ	1984/11/04	NA1	179907
8800192	F144	TV2837	0181	31BE	32KZ	1986/07/25	NA6	179912
8800192	F132	TV2839	0181	31BE	32KZ	1984/03/26	SA2	179914
8800192	F132	TV2842	0181	31BE	32KZ	1985/05/15	SA4	179917
8800192	F132	TV2844	0181	31BE	32KZ	1985/11/18	SA6	179919
8800192	F132	TV2845	0181	31BE	32KZ	1984/03/31	MD1	179920
8800192	F132	TV2852	0181	31BE	32KZ	1984/11/04	NA1	179927
8800192	F132	TV2857	0181	31BE	32KZ	1986/04/27	NA5	179932
8800192	F132	TV2858	0181	31BE	32KZ	1986/07/25	NA6	179933
8800192	F144	TV2826	0181	31BE	32OC	1984/04/02	MD1	179901
8800192	F144	TV2828	0181	31BE	32OC	1984/11/30	MD3	179903
8800192	F144	TV2829	0181	31BE	32OC	1985/05/17	MD4	179904
8800192	F144	TV2830	0181	31BE	32OC	1985/08/03	MD5	179905
8800192	F144	TV2833	0181	31BE	32OC	1984/12/08	NA1	179908
8800192	F144	TV2834	0181	31BE	32OC	1985/04/26	NA2	179909
8800192	F144	TV2835	0181	31BE	32OC	1985/07/03	NA3	179910
8800192	F132	TV2846	0181	31BE	32OC	1984/04/02	MD1	179921
8800192	F132	TV2848	0181	31BE	32OC	1984/11/28	MD3	179923
8800192	F132	TV2849	0181	31BE	32OC	1985/05/15	MD4	179924
8800192	F132	TV2850	0181	31BE	32OC	1985/08/02	MD5	179925
8800192	F132	TV2853	0181	31BE	32OC	1984/12/08	NA1	179928
8800192	F132	TV2854	0181	31BE	32OC	1985/04/26	NA2	179929
8800192	F132	TV2855	0181	31BE	32OC	1985/07/03	NA3	179930

(38 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
8800192	F144	TV2821	32GY	1	35	84/07/22	84/07/22
8800192	F144	TV2823	32GY	8	262	85/09/15	85/09/25
8800192	F144	TV2827	32GY	13	308	84/08/01	84/08/08
8800192	F144	TV2831	32GY	5	109	85/11/12	85/11/16
8800192	F144	TV2836	32GY	6	131	85/11/22	85/11/29
8800192	F132	TV2840	32GY	4	1059	84/05/19	84/05/25
8800192	F132	TV2841	32GY	7	2615	84/07/11	84/07/22
8800192	F132	TV2843	32GY	9	2405	85/09/15	85/09/25
8800192	F132	TV2847	32GY	13	4251	84/08/01	84/08/08
8800192	F132	TV2851	32GY	13	4374	85/11/10	85/11/17
8800192	F132	TV2856	32GY	10	3207	85/11/22	85/11/30
8800192	F132	TV2838	32IC	6	2446	83/11/11	83/11/19
8800192	F144	TV2822	32KZ	9	293	85/05/15	85/05/24
8800192	F144	TV2824	32KZ	8	182	85/11/18	85/11/25
8800192	F144	TV2825	32KZ	2	70	84/03/31	84/04/01
8800192	F144	TV2832	32KZ	9	249	84/11/04	84/11/12
8800192	F144	TV2837	32KZ	6	125	86/07/25	86/07/30
8800192	F132	TV2839	32KZ	3	1473	84/03/26	84/03/27
8800192	F132	TV2842	32KZ	9	2915	85/05/15	85/05/24
8800192	F132	TV2844	32KZ	7	2451	85/11/18	85/11/25
8800192	F132	TV2845	32KZ	2	710	84/03/31	84/04/01
8800192	F132	TV2852	32KZ	9	2884	84/11/04	84/11/12
8800192	F132	TV2857	32KZ	10	3230	86/04/27	86/05/06
8800192	F132	TV2858	32KZ	10	3795	86/07/25	86/07/30
8800192	F144	TV2826	32OC	12	285	84/04/02	84/05/08
8800192	F144	TV2828	32OC	4	88	84/11/30	84/12/03
8800192	F144	TV2829	32OC	4	86	85/05/17	85/05/19
8800192	F144	TV2830	32OC	4	151	85/08/03	85/08/10
8800192	F144	TV2833	32OC	5	137	84/12/08	84/12/15
8800192	F144	TV2834	32OC	14	378	85/04/26	85/05/05
8800192	F144	TV2835	32OC	6	121	85/07/03	85/07/06
8800192	F132	TV2846	32OC	12	4297	84/04/02	84/05/08
8800192	F132	TV2848	32OC	13	4134	84/11/28	84/12/05
8800192	F132	TV2849	32OC	13	4528	85/05/15	85/05/19
8800192	F132	TV2850	32OC	13	4669	85/08/02	85/08/10
8800192	F132	TV2853	32OC	5	1825	84/12/08	84/12/15
8800192	F132	TV2854	32OC	14	5235	85/04/26	85/05/05
8800192	F132	TV2855	32OC	6	2097	85/07/03	85/07/06

(38 rows affected)