ACCESSION NUMBER 8100486

TAPE 42MSCR

83NODC035

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-77)

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. 41-R2651
EXPIRES 1-81

8300035
8100622
8100653
8200005
8100726
8200004

(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

Atlantic Environmental Group, NEFC
RR7- South Ferry Road
Narragansett, RI 02882

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

SOOP/XBT
(Ship-of-Opportunity Program)

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT [Orig Cr. / NODC Ref. (No. Sta)

EDGAR M. QUEENY (32NY)
81-002 / 54369 (25)
81-004
81-008 / 54589 (24)
81-009 / 54618 (24)
81-010 / 54736 (28)
81-011 / 54718 (24)
81-012 / 54735 (24)

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
EDGAR M. QUEENY	SHIP-OF-OPPORTUNITY	USA	USA	(002) 2/14/81	2/15/81
				(008) 7/18/81	7/19/81
				(009) 9/4/81	9/5/81
				(010) 10/20/81	10/21/81
				(011) 11/7/81	11/7/81
				(012) 12/12/81	12/13/81

8. ARE DATA PROPRIETARY?

☑ NO ☐ YES

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

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

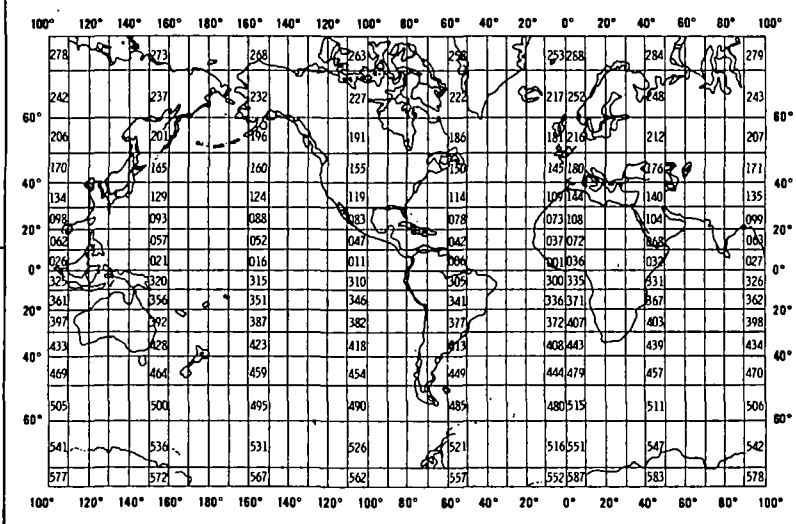
☐ NO ☒ YES ☐ PART *(SPECIFY BELOW)*

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

Steven K. Cook
8-838-7142
-7143

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

GENERAL AREA



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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
UBT Format				

Steve Cook(AEG) and Doug Hamilton(NODC) have agreed to explore the possibility of NODC accessioning and archiving AEG's shipboard-digitized SOOP/XBT data on magtape in NODC's UBT format and putting these data into NODC's archive. Their May 7, 1981 and August 18, 1981 letters (copy attached) refer to the sole preceding data test toward that end.

The data on Magnetic Tape A2MSCR (with tape map) submitted via this DDF are the first production data to be submitted to NODC by AEG for direct archiving .

There is considerable overlapping : six of the seven cruises on this tape (all but 81-004) already have been accessioned as strip charts, assigned NODC reference numbers; four of these (81-002, 81-009, 81-010 and 81-012) have been final-processed, and the remaining two (81-008 and 81-011) are now in processing.

It follows that Cruise 81-004 is the only one which still needs to be assigned an NODC reference number, to be processed and to be entered into the archive.

However, in considering this direct accessioning/archiving mode for SOOP/XBT data, it may be useful to compare stations of the six cruises already archived with the corresponding stations of their archived counterparts. Note that the AEG and NODC digitization details will differ from each other as will both the total number of stations and the station consecutive numbers within the two versions of each cruise. The numbers in parentheses, DDF page 1, are the original totals. In some of the cruises NODC has deleted stations in the quality control process. AEG probably has retained all of the original stations.

The "bottom line": Cruise 81-004 needs to be accessioned/archived; the remaining six cruises are in the NODC system. Finally, we need a decision as to the suitability of this process. Ellsworth Smith should be notified, and Steve Cook informed of the decision as soon as possible.

Ellsworth Smith 1/13/83

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

The tape is hand-labelled "A2MSCR"

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Gretchen White 8-838-7142
ADDRESS AEG (same) 7143

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☐ BCD ☐ BINARY ☑ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☑ NINE ☐ _____

7. PARITY ☐ ODD ☐ EVEN

8. DENSITY ☐ 200 BPI ☐ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☑ 6250

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH ☐ _____

10. END OF FILE MARK ☐ OCTAL 17 ☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*

NON-LABELLED

UNDEFINED

12. PHYSICAL BLOCK LENGTH IN BYTES
2600 MAX

13. LENGTH OF BYTES IN BITS

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RECORD FORMAT DESCRIPTION

RECORD NAME UBT Format

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

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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		

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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		

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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		

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*	8100484	054367	C116	0051	31U5	32NY	8101	01/25/1981	01/26/1981	21	21
*	8100486	054369	C116	0051	31U5	32NY	8102	02/14/1981	02/15/1981	21	13
*	8100490	054373	C116	0051	31U5	32NY	8103	03/06/1981	03/07/1981	23	21
*	8300035	055426	C116	0051	31U5	32NY	8104	03/25/1981	03/26/1981	22	22
*	8100562	054545	C116	0051	31U5	32NY	8105	04/13/1981	04/14/1981	23	23
*	8100565	054548	C116	0051	31U5	32NY	8106	05/20/1981	05/21/1981	23	23
*	8100622	054589	C116	0051	31U5	32NY	8108	07/18/1981	07/20/1981	24	24
*	8100653	054618	C116	0051	31U5	32NY	8109	09/04/1981	09/05/1981	24	24
*	8200005	054736	C116	0051	31U5	32NY	8110	10/20/1981	10/21/1981	28	28
*	8100726	054718	C116	0051	31U5	32NY	8111	11/07/1981	11/07/1981	23	23
*	8200004	054735	C116	0051	31U5	32NY	8112	12/12/1981	12/13/1981	24	24

>pr count c20 wh c21 eq
ALT-F10 HELP | VT-100 | FDX | 9600 N81 | LOG CLOSED | PRT OFF | CR | CR

Cruise #

Data Archived 1|22|84 8109, 8111, 8112 8102
4|21|84 8108, 8110,
8|8|86 8104

83 NODC Ø35
Bin 6A

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 CALIBRATED
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)

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