

DATA DOCUMENTATION FORM

Track #

TR8028 ; 319154

NOAA FORM 24-13
(4-77)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

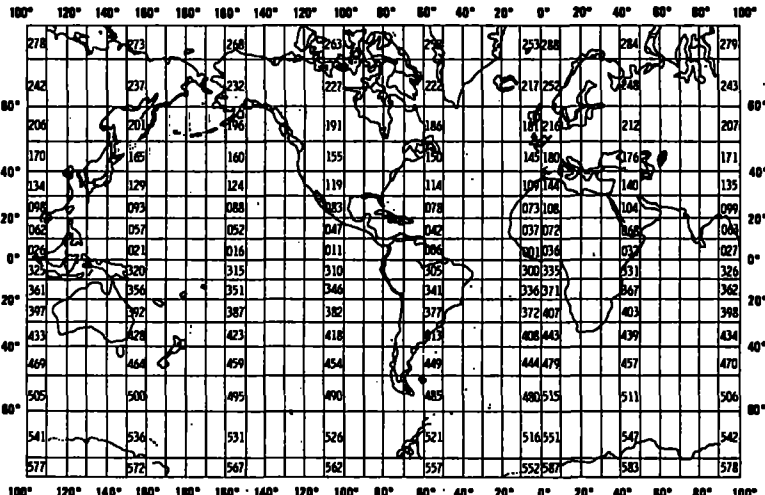
(While you are not required to use this form; it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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.

3100072

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 WHOI			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 60	
4. PLATFORM NAME(S) KNORR	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 761003 761019
8. ARE DATA PROPRIETARY? ☐ NO ☐ YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA 	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) ☐ NO ☐ YES ☐ PART (SPECIFY BELOW) GATE DATA			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)			

B. SCIENTIFIC CONTENT

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

EXAMPLE (HYPOTHETICAL INFORMATION)

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Salinity	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

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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

GATE Format:

See GATE Manual, Report No. 13, Appendix E

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 _____

ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☐ BCD ☐ BINARY ☐ ASCII ☒ EBCDIC ☐ _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH ☐ _____
6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☒ NINE ☐ _____	10. END OF FILE MARK ☐ OCTAL 17 ☐ _____
7. PARITY ☒ ODD ☐ EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
8. DENSITY ☐ 200 BPI ☐ 1600 BPI ☐ 556 BPI ☒ 800 BPI ☐ _____	
	12. PHYSICAL BLOCK LENGTH IN BYTES <i>1920</i>
	13. LENGTH OF BYTES IN BITS

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
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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 (✓)	

78-0010

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO: Mr. Richard Kuhn
National Oceanographic Data Center
3300 Whitehaven Street, NW
Washington, D.C. 20235

REFER TO

ATTENTION
Code D75

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

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

One reel of magnetic tape containing the CTD data collected during the WHOI, R/V KNORR cruise 60. The data were collected by V. Worthington, WHOI and are part of the POLYMODE program. A sample tape dump of the first record of each data ^{file}~~record~~ is attached.

There are 15 stations on the tape.

FORWARDED BY (Signature)

TITLE

DATE FORWARDED

RECEIVED BY (Signature)

TITLE

DATE RECEIVED

W 1 + 0 7

2644

[illegible]

DUMP 1 RECORDS IN EBCDIC FORMAT. CHARACTERS FROM TAPE ARE GROUPED FOR THIS DUMP AS ARE ASTERISKS IN FOLLOWING LINE

FILE	REC	BYTE	STAT
6	1	1920	

[illegible]

DUMP 1 RECORDS IN EBCDIC FORMAT. CHARACTERS FROM TAPE ARE GROUPED FOR THIS DUMP AS ARE ASTERISKS IN FOLLOWING LINE

FILE	REC	BYTE	STAT
7	1	1920	

[illegible]

SKIP PAST 1 END-OF-FILE MARKS BEFORE DUMP
DUMP 1 RECORDS IN EBCDIC FORMAT. CHARACTERS FROM TAPE ARE GROUPED FOR THIS DUMP AS ARE ASTERISKS IN FOLLOWING LINE

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DUMP 1 RECORDS IN EBCDIC FORMAT. CHARACTERS FROM TAPE ARE GROUPED FOR THIS DUMP AS ARE ASTERISKS IN FOLLOWING LINE

[illegible]

DDF A: 4. 25

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 780010

- 1) File Type: F022
- 2) Project Ident.: NON PROJECT
- 3) Track Nos.: TR8028

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

1. Longitude - changed '7 in col. 29 to blank then entered a zero in col. 23 shifting field one col. to right. (example (5525107W = 0552510W)
2. Deleted extra record type ones (1).

III. Processor Name: McLewie

TAPE OR DISK ASSIGNMENT SHEET
(MRL) 11/6/78
(Rev. 11/80)

TR 8028
TR 6911

ACCESSION/TRACK NO.: 780010

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	9554	SL	120	9600	FB		8080
DUPLICATE	KNOR60	NL	120	9600	FB		8080
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	DIS 773 * F022D. TR 80 28						8066
EDITED DISK FILE							

TAPE OR DISK ASSIGNMENT SHEET
(MRL) 11/6/78
(Rev. 11/80)

ACCESSION/TRACK NO.: 780010

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
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REFORMATTED							
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FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	DIS 773 * F022D. TR 80 28						8066
EDITED DISK FILE							

DATE:

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- 3) Track Nos.: _____

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DATA DOCUMENTATION FORM

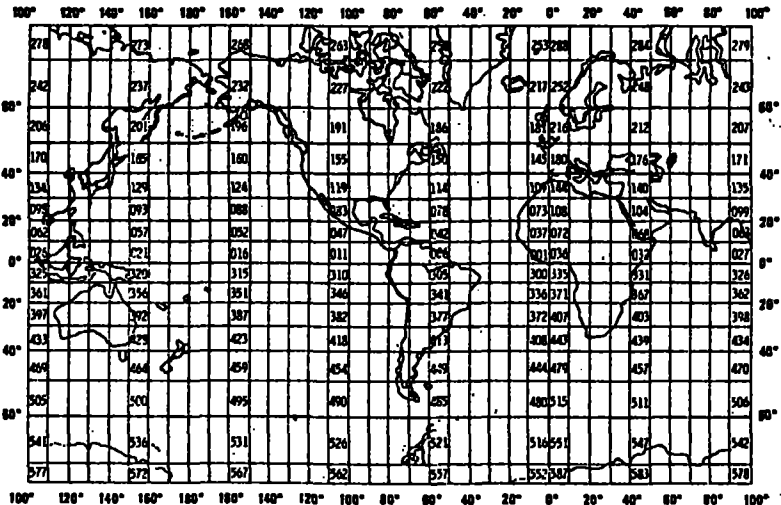
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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
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WASHINGTON, DC 20235FORM APPROVED
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There are 15 stations on the tape.

FORWARDED BY (Signature) <i>[Signature]</i>	TITLE Supervisory Oceanographer	DATE FORWARDED
RECEIVED BY (Signature) <i>R.G. Kuhn</i>	TITLE Supervisory Oceanographer	DATE RECEIVED 1/9/78

DATA SET ROUTE SHEET

ACCESSION/TRACK # 780010

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #			9554	15	9600	120	
QUADI/SCAN TAPE #			KN0260	15	9600	120	
DDF EVALUATION	5/14/82	MAH					
QUALITY REVIEW	5/14/82	MAH					
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK	5/17/82	MAH	DIS 773*	FO 22E	TR 8028		8066
FIRST USER TAPE #							
WORK DISK FILE							
FINAL USER TAPE #							
FINAL MULCHEK	5/18/82	MAH	DIS 773*	FO 22D	TR 8028		8066
EDITED DISK FILE							
DATA SET "FINALIZED"							

* listing received late Tuesday afternoon
 Printed at Sentinal 5/18/82 - 08:56:10 AM

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7800010	F022	TR8028	0087	3102	316N	1976/10/03	60	305923
7800010	C022	319154	0087	3102	316N	1976/10/03	TR8028	305924

(2 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
7800010	F022	TR8028	316N	15	8066	76/10/03	76/10/19
7800010	C022	319154	316N	15	44	76/10/03	76/10/19

(2 rows affected)