

DATA DOCUMENTATION FORM

(TR8087)

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

(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.)

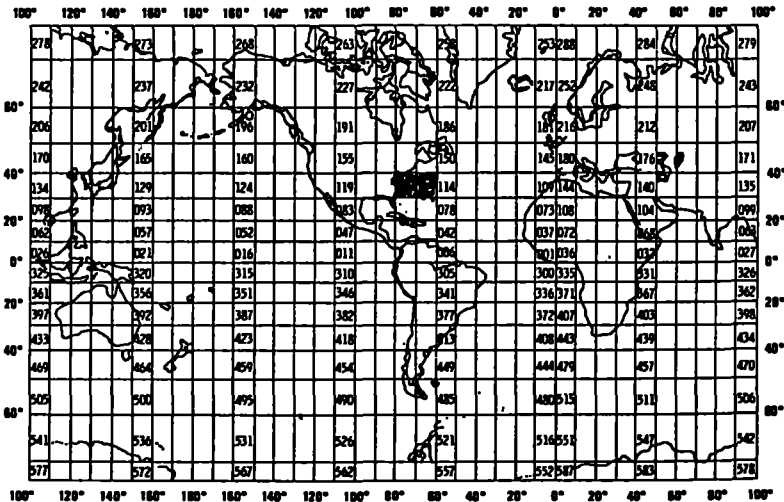
This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, 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

Copy tape W12541  
MJ020C  
50 files  
CTD file 22

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Applied Physics Laboratory University of Washington 1013 N.E. 40th St. Seattle, Wa. 98116				2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED Polymode Local Dynamics Exp.				3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT Oceanus 47			
4. PLATFORM NAME(S) Oceanus		5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship		6. PLATFORM AND OPERATOR NATIONALITY(IES) U.S.		7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 6/4/78 6/23/78					
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. GENERAL AREA							
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)				10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) DR. B. Elliott (305-350-7386) SMAS Univ. of Miami 4605 RICKENBACKER CAUSEWAY MIAMI, FL.							



## RECORD FORMAT DESCRIPTION

## RECORD NAME

FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Text record					
File type	1	3		A3	022"
File ID	4	6		A6	OCN 47
Record type	10	1		A1	1
Cast No.	11	6		A6	
Text	16	100		10A10	
Sequence No.	116	5			
Master record					
File type	1	3		A3	022
File ID	4	6		A6	OCN 47
Record type	10	1		A1	2
Cast No.	11	6		A6	
Latitude	16	6		A6	DDMMXX minutes to hundredths
Longitude	23	7		A7	DDMMXX minutes to hundredths
Cruise ID	31	10		A10	OCEANUS 47
No. of scans	41	5		A5	
Date	46	6		A6	GMT
Depth interval indicator	56	1		A1	1
Depth interval	57	3		A3	025
Instrument information	82	20		2A10	NBIS-N01218701
Detailed record					
File type	1	3		A3	022
File ID	4	6		A6	OCN 47
Record type	10	1		A1	3
Cast No.	11	6		A6	
Pressure	16	5		A5	decibars to tenths
Temperature	21	5		A5	deg-C to thousands
Salinity	26	5		A5	ppt to thousands
Sigma-t	31	4		A4	to hundredths
Scan condition	32	1		A1	0
Above format is repeated four more times-- the final five characters give the sequence number					
Sequence No.	116	5		A5	

# 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

Data is in NODC file Type 022; each file consists of a Text record, a Master record, and Data record 1. Each Data record contains five sets of pressure, temperature, salinity, and sigma-t.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

There are a total of 50 files--each terminated by an EOF. The tape is terminated by two EOF's. Format is NODC file type 022, 3/30/79 version. Each file has a Text record, a Master record, and Data record type 1. Each record is 120 bytes and each block is 1200 bytes.

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

<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 checked="" type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" 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>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>1200</p>	
<p>13. LENGTH OF BYTES IN BITS</p> <p>6</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
Pressure	decibars	NBIS-CTD	N/A	N/A
Temperature	degree C	NBIS-CTD	N/A	N/A
Salinity	ppt	NBIS-CTD	N/A	
Sigma-t		N/A	N/A	Knudsen-Ekman equation of state

## 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)

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 82-00056

- 1) File Type: F022
- 2) Project Ident.: IDOE/POLYMODE
- 3) Track Nos.: TR 8037

319105 C022

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

Corrections made that  
were mentioned in Mary Hollinger's  
note of 3/4/86.

Charles B. Sisk

They were:

1. \* in vol. 116
2. Depths with no temp or salinity were deleted.

II. Additional error corrections:

Error

Correction Completed (Check)

See a Hacked Sheet.

PROCESSOR M. KUK'S

# DATA SET FILE - BEST

FILE NO./TRACK

Step	Completion Date/Init.	Tape # or User	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE # MJ3252 MJ0200		MJ0200	50	1200	120	6802
QUAD1/SCAN TAPE #						
ASSIGNED FOR PROCESS.						
SWF EVALUATION	8/82 <i>MS</i>					
QUALITY REVIEW	8/82 <i>MS</i>					
RELIMINARY DATA SORT						
ELIMINARY PUNCH	9/28/82 <i>MS</i>	D5773*	F022	TR8037		6802
TEST USER TAPE #						
WORK DISK FILE	8/82 <i>MS</i>	D5773*	F022	TR8037	(Ashtville)	
FINAL USER TAPE #						
FINAL PUNCH	9/28/82 <i>MS</i>	D5773*	F022	TR8037A		6751
EDITED DISK FILE						
DATA SET "FINALIZED"						

SESSION/TRACK NO.: 82-00056 / TR 8037

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORD
ORIGINATOR	MJ3252	NL	120	1200			50 file
DUPLICATE	MJ0200 541 W12	NL	120	1200			6802 1 5 file
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	D5773* F022. TR8037						6802
EDITED DISK FILE	D5773* F022. TR8037A						6751



# Ever Corrections

82 00056

F022

TR8037

1. Portion of text in data fields;  
shifted text to begin in proper  
column.

2. Sequence nos. (record type 6) coded in  
wrong col; (After 10 detail records  
asterisks appeared. All sequence  
numbers were deleted.)

3. Record type 6 -

a). depth <sup>(pressure values)</sup> with no temperature or salinity  
values and scan codes.

1. These values were deleted.

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8200056	F022	TR8037	0087	3109	320C	1978/06/06	OCEANUS-	317062
8200056	C022	329105	0087	3109	320C	1978/06/06	TR8037	317063

(2 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
-----	-----	-----	-----	-----	-----	-----	-----
8200056	F022	TR8037	320C	50	6785	78/06/06	78/06/22
8200056	C022	329105	320C	50	99	78/06/06	78/06/22

(2 rows affected)