

DATA DOCUMENTATION FORM

NOAA FORM 24-13

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

TR035 - TR036

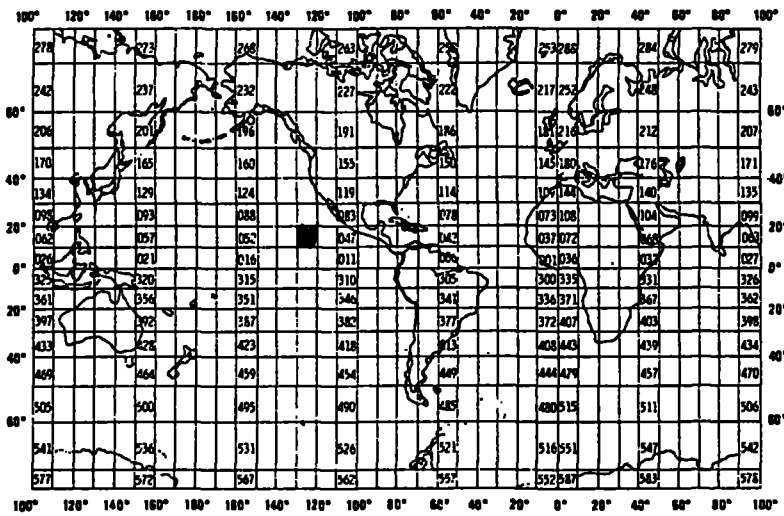
(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

F069

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 Office of Marine Pollution Assessment (COMP/NOAA) 7600 Sand point way N.E. Seattle, Washington 98115			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED Deep Ocean Mining Environmental Studies Project (DOMES)		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT RP-8-OC-76, Legs 4 & 5 RP-8-OC-75, Legs 1 & 2	
4. PLATFORM NAME(S) Oceanographer	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) NOAA ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) U.S. U.S.	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 8/28/75 4/10/76
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 checked="" type="checkbox"/> NO <input 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) Mary Baker 206-442-1964			

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
Salinity	‰	pump-cast		
Temperature	°C			
Depth	Meters			
Sigma-t				
Oxygen	µgat/li			
Nitrate	µgat/li			
Nitrite	µgat/li			
ammonia	µgat/li			
phosphate	µgat/li			
Silicate	µgat/li			
relative chlorophyll fluorescence				

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

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL 4 ☐ 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 checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input checked="" type="checkbox"/> SEVEN</p> <p><input type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><input checked="" type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>DONES DB 021</p> <p>DONES I & II Pump (not Data)</p> <p>(70 casts - 70 files)</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input checked="" type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	

TAPE I.D.	CRUISE I.D.	GENERATION TIME	G.M.T.
DB 021	RP-8-OC 75 Legs 42		
	RP-8-OC-76 Legs 445	3-March-78	LOCAL

TAPE ATTRIBUTES

TRACKS	PARITY	DENSITY	FORM	NO. FILES	RECORD SIZE	RECS/BLOCK
7	Even	556 BPI	BCD	70	80 Char.	50 [4000 Char]

GENERATION MEDIUM

FACILITY	HARDWARE	OP. SYS. (IF APPL.)	PROGRAM (IF APPL.)	TAPE LABEL	INDIVIDUAL RESPONSIBLE
N/A	N/A	N/A	N/A	None	E. Colias

USE/CLEANING RECORD

USE DATE	CLEANING DATE
3/15/78,	

TEXT OF TAPE CONTENTS

FILE NAME	DESCRIPTION
	DOMES I & II PUMP CAST DATA 70 CASTS (1 CAST/FILE) IN SAME FORMAT AS DB 020

File Number - Record 7 type 1
 Station Number - Record 7 type 2
 Date 1 - Record 7 type 3
 Date 2 - Record 7 type 4

FILE TYPE	FILE IDENTIFIER	VESSEL	CRUISE IDENTIFICATION	CRUISE DATES	INVESTIGATOR	INSTITUTION
				MO. / DY. / YR. - MO. / DY. / YR.		
069						

FILE TYPE	FILE IDENTIFIER	NET DROCK	MPZMEORNO PDRBEN	CAST NO.	CASTS	LATITUDE			LONGITUDE			DATE			TIME HR TO -10	DEPTH TO BOTTOM		
						D E G	N Y N	S Y S	DEG	E M N	W Y W	YR	MO.	DAY				
069																		

[illegible][illegible]

PUNCH CARD TRANSCRIPT

Data 2 will not appear on this DDF

PARAMETER	DESCRIPTION	SC
FILE HEADER RECORD	ALWAYS '1'	10
VESSEL	ELEVEN-CHARACTER FIELD FOR VESSEL NAME	11
CRUISE	SIX-CHARACTER ORIGINATOR'S CRUISE IDENTIFICATION (LEFT ALLIGNED)	22
BEGIN CRUISE DATE	MM/DD/YY	28
END CRUISE DATE	MM/DD/YY	37
SENIOR SCIENTIST	19-CHARACTER FIELD FOR SCIENTIST NAME	45
INVESTIGATOR/INSTITUTION	17-CHARACTER FIELD FOR INVESTIGATOR OR INSTITUTION NAME	64
FIRST SAMPLE HEADER RECORD	ALWAYS '2'	10
SEQUENCE	XXX - ASCENDING NUMERIC	11
CAST NUMBER	THREE-CHARACTER STATION IDENTIFIER	14
NUMBER OF CASTS	SIX-CHARACTERS USED TO REPRESENT THE NUMBER OF CASTS USED TO MAKE UP A STATION. EX. 35-37 REPRESENTS 3 CASTS	17
LATITUDE	DDMMT PLUS HEMISPHERE 'N' OR 'S'	23
LONGITUDE	DDDDMMT PLUS HEMISPHERE 'E' OR 'W'	29
DATE (GMT)	YYMMDD	36
TIME (GMT)	XXX - HOURS TO TENTHS	42
DEPTH TO BOTTOM	XXXX - WHOLE METERS	45
BLANKS		49
DATA RECORD 1	ALWAYS '3'	10
SEQUENCE	SEE RECORD '2'	11
CAST NUMBER	SEE RECORD '2'	14
SAMPLE DEPTH	XXXX - WHOLE METERS	17
TEMPERATURE	XXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO TENTHS	21
SALINITY	XXXX - PARTS PER THOUSAND TO HUNDREDTHS	25
SIGMA-T	XXXXX - TO THOUSANDTHS	29
DISSOLVED OXYGEN	XXXXX - UG-AT/L TO HUNDREDTHS	34
NITRATE	XXXX - UG-AT/L TO HUNDREDTHS	39
NITRITE	XXXX - UG-AT/L TO HUNDREDTHS	43
AMMONIA	XXXXX - UG-AT/L TO HUNDREDTHS	47
INORGANIC PHOSPHATE	XXXX - UG-AT/L TO HUNDREDTHS	52
SILICATE	XXXXX - UG-AT/L TO HUNDREDTHS	56
RELATIVE CHLOROPHYLL FLUORESCENCE	XXXX - TO HUNDREDTHS	61
DISSOLVED ORGANIC CARBON	XXXX - UG C/L TO HUNDREDTHS	65
PARTICULATE ORGANIC CARBON	XXXX - UG C/L TO HUNDREDTHS	69
PARTICULATE ORGANIC NITROGEN	XXXX - UG N/L TO HUNDREDTHS	73
BLANKS		77

DATA RECORD II	ALWAYS '4'	10
SEQUENCE	SEE RECORD '2'	11
CAST NUMBER	SEE RECORD '2'	14
DEPTH	XXXX - WHOLE METERS	17
APPARENT OXYGEN UTILIZATION	XXXXX - MG-AT/L TO THOUSANDTHS	21
PERCENT OXYGEN SATURATION	XXX - WHOLE PERCENT	26
ELECTRON TRANSPORT SYSTEM	XXXXX - UL O(2)/L/HR TO TEN THOUSANDTHS	29
ADENOSINE TRIPHOSPHATE	XXXXX - NANOGRAM/L TO HUNDREDTHS	34
NANOPLANKTON CARBON UPTAKE	XXXXX - MG C/CUBIC M/HR TO TEN THOUSANDTHS	39
TOTAL PHAEOPHYTON	XXXXX - MG/CUBIC M TO TEN THOUSANDTHS	44
NANOPLANKTON CHLOROPHYLL	XXXXX - MG/CUBIC M TO TEN THOUSANDTHS	49
NANOPLANKTON PHAEOPHYTON	XXXXX - MG/CUBIC M TO TEN THOUSANDTHS	54
TOTAL CARBON UPTAKE	XXXXX - MG C/CUBIC M/DAY TO TEN THOUSANDTHS	59
TOTAL CHLOROPHYLL	XXXXX - MG/CUBIC M TO TEN THOUSANDTHS	64
DRY WEIGHT OF PARTICULATE MATTER	XXXXX - UG/L TO HUNDREDTHS	69
NEPHELS	XXXXXXXX - KILOHERTZ TO HUNDREDTHS	74

DATA RECORD III	ALWAYS '5'	10
SEQUENCE	SEE RECORD '2'	11
CAST NUMBER	SEE RECORD '2'	14
SAMPLE DEPTH	XXXXX - M TO TENTHS	17
TEMPERATURE	XXXX - DEG C TO HUNDREDTHS	22
SALINITY	XXXX - PPT TO HUNDREDTHS	26
PH	XXXX - TO THOUSANDTHS	30
DISSOLVED OXYGEN GAS	XXXXXX - ML/L TO THOUSANDTHS	34
DISSOLVED ORGANIC CARBON	XXXXXX - MG/L TO THOUSANDTHS	40
PARTICULATE ORGANIC CARBON	XXXXXX - MG/L TO THOUSANDTHS	46
PARTICULATE ORGANIC NITROGEN	XXXXXX - MG/L TO THOUSANDTHS	52
TOTAL SUSPENDED MATTER	XXXXXX - MG/L TO THOUSANDTHS	58
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	XXXXXX - MG/L TO THOUSANDTHS	64
TOTAL RESOLVED LIGHT HYDROCARBONS	XXXXXX - MG/L TO THOUSANDTHS	70

 BLANKS

E H

TO HUNDREDTHS

76-79

BLANK

30

DATA RECORD IV	ALWAYS '6'	10
SEQUENCE	SEE RECORD '2'	11
CAST NUMBER	SEE RECORD '2'	14
SAMPLE DEPTH	XXXXX - M TO TENTHS	17
NITRATE	XXXXXX - MG/L TO THOUSANDTHS	22
NITRATE	XXXXXX - MG/L TO THOUSANDTHS	28
AMMONIA	XXXXXX - MG/L TO THOUSANDTHS	34
SILICON DIOXIDE	XXXXXX - MG/L TO THOUSANDTHS	40
TOTAL PHOSPHORUS IN PHOSPHATE	XXXXXX - MG/L TO THOUSANDTHS	46
ORGANIC PHOSPHORUS IN PHOSPHATE	XXXXXX - MG/L TO THOUSANDTHS	52
CHLOROPHYLL A	XXXXXX - MG/M3 TO THOUSANDTHS	58
PHAEOPHYTIN A	XXXXXX - MG/M3 TO THOUSANDTHS	64
SULFATE	XXXXXX - MG/L TO THOUSANDTHS	70
NITRATE-NITRITE RATIO	XXXX - TO HUNDREDTHS	76
BLANK		80

TRANSMITTAL AND RECEIPT RECORD
(Please sign and return carbon copy acknowledging receipt)

TO: NOAA/EDIS/NODC 2001 Wisconsin Ave. N.W. Washington D.C. 20235	REFER TO
	ATTENTION Dr. JAMES B. Ridlon
THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY	
<input type="checkbox"/> ORDINARY MAIL <input type="checkbox"/> REGISTERED MAIL <input type="checkbox"/> AIR MAIL <input checked="" type="checkbox"/> CERTIFIED MAIL <input type="checkbox"/> GOVERNMENT TRUCK <input type="checkbox"/> BY HAND <input type="checkbox"/> OTHER	
cert. no. 523096	

Enclosed, find three (3) DOMES FT 069 Chemistry data tapes and available documentation.

- returned* → 1) tape I.D. = DB 019, cruise RP-8-OC-76, legs 4,5,&6. 7 track, even parity, 556 bpi, BCD, containing 2 files of data, rec. length = 80 chars.
- returned* → 2) tape I.D. = DB 020, cruise RP-8-OC-75, legs 1&2, and RP-8-OC-76 legs 4 & 5. 7 track, odd parity, 556 bpi, BINARY, containing 1 file.
- 3) tape I.D. = DB 021, cruises RP-8-OC-75, legs 1 & 2, and RP-8-OC-76, legs 4 & 5. 7 track, even parity, 556 bpi, BCD, rec. length = 80 chars., blk. length = 4000 chars., containing 70 files.

If any or all the tapes prove unreadable or otherwise not processable at NODC, please forward them back to me and I will return them to the project office.

cc: Ms. Mary Baker

FORWARDED BY <i>Sid Stillwaugh</i> Sid Stillwaugh	TITLE Seattle L.O.	DATE FORWARDED 3/30/82
RECEIVED BY (Signature)	TITLE	DATE RECEIVED

Error Correction Documentation Form

DATE: 7/26/82

TO: D7821

FROM: D781 (J. Ridlon)

SUBJECT: Error Correction in Processing of Data Set - Accession # 8200062

- 1) File Type: 069
- 2) Project Ident.: DOMES
- 3) Track Nos.: TR 8035-6

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: _____

Data Set Route Sheet

Accession # 82-00062

Step	Completion Date/Init.	Tape #, # of Files	BLKSIZE, LRECL
Originator Tape # } Duplicate Tape # } QUAD I	4/8/82 4/26/82	DB021 019862	} 70 } 4000 } 80
DDF Evaluation			
Quality Review			
Preliminary Data Sort			
Preliminary Check			
First User Tape #			
Final User Tape #			
Final Check			
0. NAPIS Inventory			
1. DIP Inventory			
2. Data Set 'Finalized'			

TAPE OR DISK ASSIGNMENT SHEET

(MRL) 11/6/78

(Rev. 11/80)

SESSION/TRACK NO.: 8200062/TR 8035-6

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS ^{files}
ORIGINATOR	DB021	NL	80	4000	EBCDIC	1600BPI	70 files (2 cruises)
DUPLICATE	019862 ASHVILLE TPA W12354	SL	80	4000	ASCII	1600BPI	70 files (2 cruises)
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8200062	F069	TR8035	0080	3109	310C	1975/08/29	DOMES 1	317074
8200062	F069	TR8036	0080	3109	310C	1976/02/17	DOMES 2	317075

(2 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
-----	-----	-----	-----	-----	-----	-----	-----
8200062	F069	TR8035	31OC	42	7185	75/08/29	75/10/12
8200062	F069	TR8036	31OC	28	4584	76/02/17	76/04/07

(2 rows affected)