

TAPE

ACCESSION NUMBER

8400015

B: 3: 27

DATA DOCUMENTATION FORM

TT1276-8

83NODC 803

NOAA FORM 24-13 (4-72)

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION ROCKVILLE, MARYLAND 20852

FORM APPROVED O.N.B. No. 41-R2651

FT017

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 SCIENCE APPLICATIONS, INC. 13400B NORTHRUP WAY, SUITE 36 BELLEVUE, WA 98005			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED BERING SEA MARGINAL JOG ZONE EXPERIMENT (MIZEX/WEST)		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT A82-36	
4. PLATFORM NAME(S) R/V ALPHA HULLIX	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) SHIP	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR USA USA	7. DATES FROM: MO/PAY/YR TO: MO/DAY/YR 10/23/83 5/14/83
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 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) JOHN T. GUNN (206) 747-7152			

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 (°C)	°C	Aanderaa water level meter	—	—
Pressure	decibars	"	—	—

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.

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

Record type used conforms to NODC file type ~~017~~ ⁰¹⁷ format
for pressure guage.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Unlabeled tape, 3 files
file 1: 95 blocks of 5000 bytes, 1 block of 4000 bytes.
file 2: 95 blocks of 5000 bytes, 1 block of 4100 bytes.
file 3: 95 blocks of 5000 bytes, 1 block of 3950 bytes.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER JOHN T. GUNNADDRESS SAME AS A1.

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <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 checked="" type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input checked="" type="checkbox"/> ANSI EOF</p>
<p>7. PARITY</p> <input checked="" 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>Science Applications, Inc. 1983 MIZEX Pressure Data NODC File Type 017 3 Files 5000 Byte Blocks ASCII 9 Track 50 Byte Records Odd Parity</p>
<p>8. DENSITY</p> <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____	<p>12. PHYSICAL BLOCK LENGTH IN BYTES <u>5000</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 <small>(e.g., mile, degree)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
SEE ATTACHMENT					

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 (✓)	
Aandema Pressure Gauge model TG3A			UNIV. of Wa.			X			

FILE TYPE 017 - PRESSURE GAUGE - 7/1/78 VERSION

NOTES AND CORRECTIONS

THIS FORMAT IS DESIGNED TO RECORD TIME SERIES PRESSURE VALUES AT DEPTH FOR A BOTTOM-MOUNTED OR ANCHORED INSTRUMENT. THE MEASUREMENTS SUPPORT STUDIES FOR DETERMINING SEA SLOPE, TIDAL AND STORM FLOWS AND CIRCULATION PATTERNS, WHICH PROVIDE INFORMATION ON TRANSPORT CHARACTERISTICS FOR A PARTICULAR AREA.

THE FORMAT CONSISTS OF FOUR DATA RECORDS FOR REPORTING TOTAL PRESSURE (IN DECIBARS) VS TIME AS WELL AS INSTRUMENT POSITION AND INSTRUMENT DEPTH, DATES OF OPERATION, WATER DEPTH, GAUGE NUMBER, INSTITUTION AND OTHER SUPPLEMENTARY INFORMATION INCLUDING A RECORD FOR TEXT.

ALL RECORDS IN THIS FORMAT ARE 50 COLUMNS IN LENGTH. DATA CAN BE REPORTED FOR ANY TIME INTERVAL (ACTUAL OR FILTERED) AND IS EXPRESSED IN HOURS AND MINUTES. THIS FILE IS SORTED BY STATION NUMBER (GAUGE NUMBER) RECORD TYPE AND SEQUENCE NUMBER TO OBTAIN THE PROPER SEQUENCE OF RECORDS.

PARAMETER	DESCRIPTION	SC
TEXT RECORD	ALWAYS '1'	10
GAUGE NUMBER	FIVE-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR - ALSO INCLUDED ON RECORD TYPES 2, 3 AND 4	11
TEXT	TWENTY-CHARACTER FIELD FOR COMMENTS OR PERTINENT INFORMATION	16
SEQUENCE NUMBER	XXXXX - USED FOR SORTING TEXT RECORDS	36
BLANKS		41
GAUGE MASTER RECORD I	ALWAYS '2'	10
GAUGE NUMBER	SEE RECORD '1'	11
LATITUDE	DDMMXX PLUS HEMISPHERE 'N' OR 'S' - MINUTES TO HUNDRETHS	16
LONGITUDE	DDMMXX PLUS HEMISPHERE 'E' OR 'W' - MINUTES TO HUNDRETHS	22
DEPTH OF PRESSURE GAUGE	XXXXX (METERS TO TENTHS)	31
NUMBER OF DETAIL RECORDS	XXXXX - USED TO INDICATE NUMBER OF DETAIL RECORDS (4) TO FOLLOW	36
BLANKS		41
GAUGE MASTER RECORD II	ALWAYS '3'	10
GAUGE NUMBER	SEE RECORD '1'	11
DEPTH TO BOTTOM	XXXXX (WHOLE METERS)	16
METER USAGE SEQUENCE NUMBER	XXX - USED FOR INDICATING NUMBER OF TIMES METER HAS BEEN USED	21
INSTITUTION	TWO-CHARACTER NODC INSTITUTION CODE - USE CODE 0218	24
LOCATION NAME	SIX-CHARACTER NAME DETERMINED BY THE ORIGINATOR	26
BLANKS		32
DETAIL RECORD	ALWAYS '4'	10
GAUGE NUMBER	SEE RECORD '1'	11
DATE (GMT)	YYMMDD	16
TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDRETHS)	22
TOTAL PRESSURE	XXXXXXXX (DECIBARS TO THOUSANDTHS)	28
SEQUENCE NUMBER	XXXXX - USED FOR SORTING DATA RECORDS	36
TEMPERATURE	XXXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO THOUSANDTHS	41
BLANKS		46

N O D C F I L E T Y P E C O D E S

82/05/25

THE FOLLOWING CODES ARE USED IN FILE TYPE 017

0218 DATA SOURCE

09 -- UNIVERSITY OF WASHINGTON(SEATTLE)
3F -- PMEL-UNIVERSITY OF WASHINGTON(SEATTLE)
CI -- UNIV. OF ALASKA
I7 -- UNIVERSITY OF ALASKA-IMS (FAIRBANKS)
TB -- NATIONAL OCEAN SURVEY, PMC (SEATTLE)

0500 LAT HEMISPHERE

N -- NORTH
S -- SOUTH

0501 LON HEMISPHERE

E -- EAST
W -- WEST

DATE:

TO: 0C12

FROM: 0C13

SUBJECT: Error Correction in Processing of Data Set - Accession 18400015

- 1) File Type: F017
- 2) Project Ident.: 0126 (Marginal Ice Zone Exper.)
- 3) Track Nos.: TT1276-8

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: _____

TAPE ASSIGNMENT SHEET

ACCESSION NO.: 8400015

TRACK NO(s): TT1276-8

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	SAINW2	NL	50	5000	9-tt 800BPI ASCII	3 files
Duplicate	22187	SL	50	5000	9-tt 1600BPI ASCII	3 files *
Reformatted						
First User						
Final User						
* Label = DNOD * 83NODC 803-02						

ACCESSION/TRACK # 8400015/TT12-76-8

<u>Step</u>	<u>Completion Date/Init.</u>		<u>Tape # or DSN</u>	<u># of Files</u>	<u>BLKSIZE</u>	<u>LRECL</u>	<u># RECORDS</u>
ORIGINATOR TAPE	3/1/84	8/1/84	SAINW2	3	5000	50	
QUADI/SCAN TAPE	3/7/84	8/1/84	22187	3	5000	50	
ASSIGNED FOR PROCESS.							
DDF EVALUATION							
QUALITY REVIEW							
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK							
FIRST USER TAPE							
WORK DISK FILE							
FINAL USER TAPE							
FINAL MULCHEK							
EDITED DISK FILE							
DATA SET "FINALIZED"							

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8400015	F017	TT1276	0126	31SA	317F	1982/10/23	A82-36	148296
8400015	F017	TT1277	0126	31SA	317F	1982/10/23	A82-36	148297
8400015	F017	TT1278	0126	31SA	317F	1982/10/22	A82-36	148298

(3 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8400015	F017	TT1276	317F	8	9500	82/10/23	83/05/01
8400015	F017	TT1277	317F	8	9500	82/10/23	83/05/01
8400015	F017	TT1278	317F	8	9500	82/10/22	83/05/01

(3 rows affected)