

DDF-B:2:02

DATA DOCUMENTATION FORM

319095

TR1702

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.M.B. No. 41-R2651

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.

RECEIVED
AUG 1 1977

NEGOA

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

<p>1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED</p> <p>PMEL/NOAA 3711 15th NE Seattle, Washington 98105</p>							
<p>2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED</p> <p>OCSEAP- Gulf of Alaska</p>		<p>3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT</p> <p>Cruise: RP4-DI-77A LEG II File ID = D177A2</p>					
<p>4. PLATFORM NAME(S)</p> <p>DISCOVERER</p>	<p>5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)</p> <p>SHIP</p>	<p>6. PLATFORM AND OPERATOR NATIONALITY(IES)</p> <p>U.S. U.S.</p>	<p>7. DATES</p> <table border="1"> <tr> <th>FROM: MO, DAY, YR</th> <th>TO: MO, DAY, YR</th> </tr> <tr> <td>3/2/77</td> <td>3/10/77</td> </tr> </table>	FROM: MO, DAY, YR	TO: MO, DAY, YR	3/2/77	3/10/77
FROM: MO, DAY, YR	TO: MO, DAY, YR						
3/2/77	3/10/77						
<p>8. ARE DATA PROPRIETARY?</p> <p><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES</p> <p>IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____</p>		<p>11. PLEASE DARKEN ALL MARDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.</p> <p>GENERAL AREA</p>					
<p>9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)</p> <p><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)</p>		<p>10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)</p> <p>Mr. Pat Laird (206) 442-4580</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
DEPTH TEMPERATURE SALINITY	Meters °C ‰	CTD Plessey 9040 " "	N/A N/A computed from conductivity	} values averaged over 1 meter intervals

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

Three (3) record types, text record (1), master record (2), and detail record (3), differentiated by byte 10.

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 Donna Bendiner (206) 543-2007
ADDRESS Dept. of Oceanography, University of Washington, Seattle, Wa. 98195

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE <input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____</p>	<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) <input checked="" type="checkbox"/> SEVEN <input type="checkbox"/> NINE <input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input checked="" type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____</p>
<p>7. PARITY <input type="checkbox"/> ODD <input checked="" type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LABEL SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) <i>NOAA/PMEL N.P. Laird 022-138 Cruise: RP4-DI-77A LEG II File ID = DI77A2 March 2-10, 1977 7 track, BCD, 800 BPI, even parity</i></p>
<p>8. DENSITY <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 536 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES <i>3600 bytes</i></p> <p>13. LENGTH OF BYTES IN BITS <i>6 bits</i></p>

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

USER TAPE

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 D752-6347505 - NOAA/NO2C

ADDRESS WASHINGTON, DC 20235

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input 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 type="checkbox"/> _____</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><u>10634(1, NL)</u></p>
<p>8. DENSITY</p> <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	<p>12. PHYSICAL BLOCK LENGTH IN BYTES <u>4800</u></p> <p>13. LENGTH OF BYTES IN BITS <u>120</u></p>

NAME	15. POSITION FROM 1 - MEASURED IN BYTES (e.g., bit, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '022'
File Identification	4	6	"		
Record Type	10	1	"	I1	Always '1'
Cast Number	11	5	"		Analogous to NODC Station Number
Text	16	100	"	100A1	Additional pertinent information
Sequence Number	116	5	"	I5	Ascending numeric, used for sorting
MASTER RECORD (Required Thru Bytes 59)					Date: 10/15/75
File Type	1	3	Bytes	A3	Always '022'
File Identification	4	6	"		
Record Type	10	1	"	I1	Always '2'
Cast Number	11	5	"		Analogous to NODC Station Number
Latitude, Degrees	16	2	"	I2	
Minutes	18	2	"	I2	
Hundredths of Minutes	20	2	"	I2	
Hemisphere	22	1	"	A1	'N' or 'S'
Longitude, Degrees	23	3	"	I3	
Minutes	26	2	"	I2	
Hundredths of Minutes	28	2	"	I2	
Hemisphere	30	1	"	A1	'E' or 'W'
Cruise Identification	31	10	"	10A1	Originator Cruise Identification
Number of Scans	41	5	"	I5	Number of scans in a 'station'. (There are five scans per record type '3')
Year	46	2	"	I2	Last two digits of year)
Month	48	2	"	I2	1-12
Day	50	2	"	I2	1-31
Hour	52	2	"	I2	0-23
Minutes	54	2	"	I2	0-59
Depth Interval Indicator	56	1	"	I1	'0' equals unequally spaced depths '1' equals equal spaced depths
Depth Interval	57	3	"	I3	When above equals '1', the depth interval, to tenths of meters reported
Barometric pressure	60	5	"	I5	Millibars To tenths

14. NAME	15. POSITION FROM MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Wet bulb temperature	65	4	Bytes	I4	Degrees C To tenths
Dry bulb temperature	69	4	"	I4	Degrees C To tenths
Wind direction	73	2	"	I2	Tens of degrees WMO Codes 0855
Wind speed	75	2	"	I2	Whole knots and 0877
Weather Code	77	1	"	I1	WMO 4501
Sea State Code	78	1	"	I1	WMO 3700
Visibility Code	79	1	"	I1	WMO 4300
Cloud Type Code	80	1	"	A1	WMO 0500
Cloud Amount Code	81	1	"	I1	WMO 2700
Instrument Information	82	20	"	20A1	Type and Serial Number
Location Name	102	6	"	A6	OCSEP Internal Location Code
Depth to bottom	108	5	"	I5	To whole meters
Maximum depth of cast	113	4	"	I4	To whole meters
Blank	117	4	"	4X	
DETAIL RECORD (Required)					Date: 10/15/75
File Type	1	3	Bytes	A3	Always '022'
File Identification	4	6	"		
Record Type	10	1	"	I1	Always '3'
Cast Number	11	5	"	I1	Analogous to MODC Station Number
Depth	16	5	"	I5	Meters to Tenths)
Temperature	21	5	"	I5	Deg. C to Thousandths)
Salinity	26	5	"	I5	P.P.T. to Thousandths) SCAN DATA
Sigma-t	31	4	"	I4	To hundredths)
Scan Condition Code	35	1	"	A1	Code describing how data arrived at)
SCAN DATA Sequence Number	36 116	4(20) 5	"	4(315,I4,A1) I5	Repetition of above Ascending numeric, used for sorting
					Blanks are used when significance of field indicated exceeds what is measured.

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 (✓)	
CTD Plessey 9040	<i>Feb 1977</i>		NOIC	6 mo.					

022-2

#2 001545
007508
120/4800, F022

ANSE 000295
5464
(C4049)
#1 U020118

TR 268, 530-531, 551, 578, 582, 592, 740-741, 1320-1321,
1338, 1339, 1449-1453, 1541-1548, 1702-1707, 1720-1721,
1846-1851, 1854, 1892, 2095, 2100-2101, 2127-2128,
2381, 2387-2388, 2776-2777, 2931-2933

263,398

Lu 1702 *revision no:* 77-0659
Lu 1703-4 " 77-0660

NANSEN REF. #

319095

MULDARS TRACK #

TR1702

MONITOR: CONTACT

Gerald W. Damon

LOCATION OF F022 SOURCE

Archives (TR1702)

RECORD ALL ERRORS FOUND

<u>CONSEC(S)</u>	<u>ERRORS FOUND</u>
2	Depth to bottom not applicable: Delete C/390271/
4	" " " " " " C/550251/
5	" " " " " " C/860251/
17	" " " " " " C/180261/
19	" " " " " " C/540251/
23	" " " " " " C/770251/
31	" " " " " " C/670251/
35	" " " " " " C/500271/
36	" " " " " " C/490271/
49	" " " " " " C/740231/
52	" " " " " " C/390251/
55	" " " " " " C/450251/

Muldans corrections made 1/24/89 - JWB

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7700659	F022	TR1702	0081	313F	31DS	1977/03/02	RP4DI77A	304878
7700659	C022	319095	0081	313F	31DS	1977/03/02	TR1702	304879

(2 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
7700659	F022	TR1702	31DS	58	3437	77/03/02	77/03/10
7700659	C022	319095	31DS	58	68	77/03/02	77/03/10

(2 rows affected)