

DATA DOCUMENTATION FORM

TR-0147

F022

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.

329048 C022

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			
PMEL/NOAA 3711 15th NE Seattle, Washington 98105			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
DCSEAP - Bering Sea		RP4-MW-76C, LEG. II FILE ID = MW-C-2	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
R/V MOANA WAVE	SHIP	U.S.	U.S.
		PLATFORM	OPERATOR
		U.S.	U.S.
		FROM: MO, DAY, YR	TO: MO, DAY, YR
		8/6/76	8/9/76
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.	
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)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Mr. Pat Laird (206) 442-4580			

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	1975		NOIC	6 mo.					

	FORMAT MEASURED IN (e.g., bits, bytes)	UNITS			
		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	GCSEP 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 MOC 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	36	4(20)	"	4(3I5,I4,A1)	Repetition of above
Sequence Number	116	5	"	I5	Ascending numeric, used for sorting

Blanks are used when significance of field indicated exceeds what is measured.

NAME	13. POSITION FROM 1 MEASURED IN Bytes (e.g., bits, bytes)	15. 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'
Station 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'
Station 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

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

[Empty box for file organization description]

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</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 checked="" 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</p> <p><input checked="" 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 KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>141 022 NOAA/PMEL Laird, N.P.</p> <p>MOANA WAVE</p> <p>File 1 ID = MW-C-2 8/6-9/76</p> <p>File 2 ID = MW76B8 6/30-7/8/76</p> <p>7-track, BCD, 800 BPI, even parity</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>3600 bytes</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>6 bits</p>

VOL = SER = 009468

LABEL = (1, NL)

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE
 AND THE METHOD OF IDENTIFYING EACH RECORD TYPE

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

BRIEF DESCRIPTION OF FILE ORGANIZATION

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

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

RECORDING MODE <input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
NUMBER OF TRACKS (CHANNELS) <input checked="" type="checkbox"/> SEVEN <input type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input checked="" type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
PARITY <input type="checkbox"/> ODD <input checked="" type="checkbox"/> EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) 141 022 NOAA/PMEL Laird, N.P. MOANA WAVE File 1 ID = MW-C-2 8/6-9/76 File 2 ID = MW76B8 6/30-7/8/76 7-track, BCD, 800 BPI, even parity
DENSITY <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____	
	13. LENGTH OF BYTES IN BITS 6 bits

VOL = SER = 009468

LABEL = (1, NL)

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	Meters	CTD Plessey 9040	N/A	} values averaged over 1 meter intervals
TEMPERATURE	°C	"	N/A	
SALINITY	‰	"	computed from conductivity	

76-1709



**U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ENVIRONMENTAL RESEARCH LABORATORIES**

Outer Continental Shelf Environmental
Assessment Program
Bering Sea-Gulf of Alaska Project Office
P. O. Box 1808
Juneau, Alaska 99802
PH: 907-586-7432

: October 15, 1976

: Jim Audet
EDS Data Coordinator

: Francesca M. Cava, Assistant Data Manager *FM Cava*
NOAA/OCSEAP - Juneau Project Office

ct: Submission of Data for R.U. 141.

Under separate cover are 1 magnetic tape, partial printouts and DDFs.
This data is labelled as follows:

141 022 #1 MW-C-2, #2 MW76B8
Moana Wave RP4-MW-76C Leg II — 76-1709 (1 of 2) MW-C-2
RP4-MW-76B Leg VIII — 76-1709 (2 of 2) MW76B8
August 6 - 9, 1976, June 30-July 8, 1976
7 Track, BCD, Even Parity Laird/PMEL

cc: P. Laird
M. Pelto
J. Schumacher

END.



DATA DOCUMENTATION FORM

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.

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			
PMEL/NOAA 3711 15th NE Seattle, Washington 98105			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
OCSEAP - Bering Sea		RP4-MW-76C, LEG II FILE ID = MW-C-2	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
R/V MOANA WAVE	SHIP	U.S. U.S.	FROM: MO, DAY, YR TO: MO, DAY, YR 8/6/76 8/9/76
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.	
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)		GENERAL AREA 	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)			
Mr. Pat Laird (206) 442-4580			

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	1975		NOIC	6 mo.					

14. NAME	15. POSITION FROM-T MEASURED IN BYTES (0-A, bits, bytes)	16. LENGTH		17. UNITS	18. COMMENTS
		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	4(20)	"	4(315,I4,A1)	Repetition of above
	116	5	"	I5	Ascending numeric, used for sorting
					Blanks are used when significance of field indicated exceeds what is measured.

NAME	15. POSITION FRAGMENTS MEASURED IN bytes (C.N., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '022'
File Identification	4	5	"		
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

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

[Empty box for file organization description]

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</p> <p><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)</p> <p><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</p> <p><input type="checkbox"/> ODD <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>141 022 NOAA/PMEL Laird, N.P. MOAMA WAVE File 1 ID = MW-C-2 8/6-9/76 File 2 ID = MW76B8 6/30-7/8/76 7-track, BCD, 800 BPI, even parity</p>
<p>8. DENSITY</p> <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>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES 3600 bytes</p> <p>13. LENGTH OF BYTES IN BITS 6 bits</p>

VOL = SER = 009468

LABEL = (1, NL)

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	Meters	CTD Plessey 9040	N/A	} values averaged over 1 meter intervals
TEMPERATURE	°C	"	N/A	
SALINITY	‰	"	computed from conductivity	

76-1709



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ENVIRONMENTAL RESEARCH LABORATORIES

Outer Continental Shelf Environmental
Assessment Program
Bering Sea-Gulf of Alaska Project Office
P. O. Box 1808
Juneau, Alaska 99802
PH: 907-586-7432

Date : October 15, 1976
To : Jim Audet
EDS Data Coordinator

From : Francesca M. Cava, Assistant Data Manager *MCava*
NOAA/OCSEAP - Juneau Project Office

Subject: Submission of Data for R.U. 141

Under separate cover are 1 magnetic tape, partial printouts and DDFs.
This data is labelled as follows:

141 022 #1 MW-C-2, #2 MW76B8
Moana Wave RP4-MW-76C Leg II — 76-1709 (1 of 2) MW-C-2
RP4-MW-76B Leg VIII — 76-1709 (2 of 2) MW76B8
August 6 - 9, 1976, June 30-July 8, 1976
7 Track, BCD, Even Parity Laird/PMEL

cc: P. Laird
M. Pelto
J. Schumacher

END.



DDF A:1:12

DATA DOCUMENTATION FORM

TR-0148

F022

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

329049

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
00715 1976

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			
PMEL/NOAA 3711 15th NE Seattle, Washington 98105			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
OCSEAP - Bering Sea		RP4 - MW - 76 B - LEG III File ID = MW76B8	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
R/V MOANA WAVE	Ship	U.S. U.S.	FROM: MO, DAY, YR TO: MO, DAY, YR 6/30/76 7/8/76
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.	
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)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Mr. Pat Laird (206) 442-4580			

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	Meters	CTD Plessey 9040	N/A	} values averaged over 1 meter intervals
TEMPERATURE	°C	"	N/A	
SALINITY	‰	"	computed from conductivity	

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</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 checked="" 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</p> <p><input checked="" 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>141 022 NOAA/PMEL Laird, N.P. MOANA WAVE File 1 ID = MW-C-2 8/6-9/76 File 2 ID = MW76B8 6/30-7/8/76 7-track, BCD, 800 BPI, even parity</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>3600 bytes</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>6 bits</p>

896-235 m

LABEL = (2, M)

12. NAME	15. POSITION FROM 1 - MEASURED IN bytes (e.g., bits, 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
Depth Interval	57	3	"	I3	'1' equals equal spaced depths When above equals '1', the depth interval, to tenths of meters reported
Barometric pressure	60	5	"	I5	Millibars To tenths

	FROM - MEASURED IN BYTES (e.g., Liters, bytes)	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 NODC 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(3I5,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	1975		NOIC	6 mo.					

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7601709	F022	TR0147	0081	313F	32MW	1976/08/06	MW-C-2	300742
7601709	C022	329048	0081	313F	32MW	1976/08/06	TR0147	300743
7601709	F022	TR0148	0081	313F	32MW	1976/06/30	MW76B8	300744
7601709	C022	329049	0081	313F	32MW	1976/06/30	TR0148	300745

(4 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
7601709	F022	TR0147	32MW	30	676	76/08/06	76/08/09
7601709	C022	329048	32MW	30	30	76/08/06	76/08/09
7601709	F022	TR0148	32MW	39	378	76/06/30	76/07/08
7601709	C022	329049	32MW	39	39	76/06/30	76/07/08

(4 rows affected)