

Reference # 329380-329381

ACCESSION
NUMBER

8500252

DATA DOCUMENTATION FORM

T15343-5344

NOAA FORM 24-13
(2-85)

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. 0648-0024
EXPIRES 2/29/87

(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

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Oregon State University College of Oceanography Corvallis, OR 97331			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
WELOC 83 Legs 1, 4, 5,6		WL 83L1 WL 83L4	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
R/V WECOMA	Ship	R/V WECOMA OSU USA	FROM: MO/DAY/YR TO: MO/DAY/YR 1/11/83 4/6/83 1/16/83 4/18/83
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.	
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)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Rich Schramm (503) 754-3708			

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)

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	db	Neil Brown Mark IIIB CTDs	See attached sheets	Values averaged over on db intervals.
Temperature	°C		" " "	" " "
Salinity	‰		" " "	" " "

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.

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**

The first seven (7) records contain the basic sampling information followed by "n" data records (variable length files). The record type is identified by its position/order in the file. The first 7 records are self documenting in that each field has a readable label. See sample file dump in "RECORD FORMAT DESCRIPTION" section.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

This data set/tape contains the CTD casts from one cruise. The tape is multi-file with each station being a separate file. The first seven records of each file contain the basic sampling information for that station. The remaining records are data records. Each record is 35 char. long.

As the last physical block of each file may contain fewer than 100 records, the block is padded out to 3500 characters using the ASCII "Null" character (Decimal 0).

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Rich Schramm (503) 754-3708
 ADDRESS College of Oceanography, Oregon State University, Corvallis, OR 97331

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 <input checked="" type="checkbox"/> NR 71</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 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 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 3500 (35 char/rec. 100 rec/block)</p> <p>13. LENGTH OF BYTES IN BITS</p>

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
DESCRIPTION 1st HEADER RECORD					(All fields right justified)
BLANK	1	1			BLANK
FIELD LABEL	2	5		5H	ALWAYS "SHIP" (ø=blank)
SHIP CODE	7	2		A2	2 CHAR. SHIP CODE AT=ATLANTIS II, KN=KNORR WC=WECOMA
FIELD LABEL	9	7		7H	ALWAYS "CRUISø"
CRUISE NUMBER	16	3		I3	CRUISE NO.
FIELD LABEL	19	6		6H	ALWAYS "øSTAT:"
STATION NUMBER	25	4		I4	STATION NO.
BLANK	29	1			BLANK
FIELD LABEL	30	3		3H	ALWAYS "C#:"
CAST NUMBER	33	3		I3	CAST NO.
		TOTAL = 35			
DESCRIPTION 2nd HEADER RECORD					(All fields right justified)
BLANK	1	1			BLANK
FIELD LABEL	2	5		H5	ALWAYS "DATEø" (ø = blank)
DATE: YEAR	7	2		I2	YEAR LAST TWO DIGITS
	9	1		H1	ALWAYS "-" FIELD SEPARATER
MONTH	10	2		I2	MONTH (1-12)
	12	1		H1	ALWAYS "-" FIELD SEPARATER
DAY	13	2		I2	DAY (1-31)
BLANK	15	2			BLANK
FIELD LABEL	17	6		H6	ALWAYS "TIME:ø"
TIME	23	4		I4	TIME GMT 24 HR. CLOCK
TIME LABEL	27	2		H2	ALWAYS "øZ" SYMBOL FOR GMT OR ZULU TIME
BLANK	29	7			BLANK
		TOTAL = 35			

RECORD FORMAT DESCRIPTION

RECORD NAME

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (0-6, bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<u>DESCRIPTION 3rd HEADER RECORD</u>					(All fields right justified)
BLANK	1	1			BLANK
FIELD LABEL	2	4		4H	ALWAYS "LATβ" (β=blank)
LATITUDE:DEGREES	6	3		I3	DEGREES OF LATITUDE NEGATIVE FOR SOUTH
LATITUDE:MINUTES	9	6		F6.2	MINUTES OF LATITUDE TO HUNDREDTHS OF A MINUTE
FIELD LABEL	15	4		4H	ALWAYS "BLGβ"
LONGITUDE:DEGREES	19	4		I4	DEGREES OF LONGITUDE NEGATIVE FOR WEST
LONGITUDE:MINUTES	23	6		F6.2	MINUTES OF LONGITUDE TO HUNDREDTHS OF A MINUTE
BLANK	29	7			BLANK
	TOTAL =	35			
<u>DESCRIPTION 4th HEADER RECORD</u>					(All fields right justified)
BLANK	1	1			BLANK
FIELD LABEL	2	9			ALWAYS "MAX.βPRES=" (β=blank)
MAX.PRESSURE	11	6		F6.0	MAXIMUM PRESSURE REACHED BY THE CTD CAST, PRESSURE IN DECIBARS
FIELD LABEL	17	11		11H	ALWAYS "βDBββDEPTH="
DEPTH TO BOTTOM	28	6		F6.0	WATER DEPTH IN METERS
DEPTH LABEL	34	2		2H	ALWAYS "βM" M=METERS
	TOTAL =	35			
<u>DESCRIPTION 5th HEADER RECORD</u>					(All fields right justified)
BLANK	1	1			BLANK
FIELD	2	5		5H	ALWAYS "AVERβ" (β=blank)
AVERAGING INTERVAL	7	5		F5.1	ALL DATA REDUCED TO A COMMON REPORTING INTERVAL, IN DECIBARS
FIELD LABEL	12	6		6H	ALWAYS "βINSTβ"
INSTRUMENT	18	4		I4	CTD INSTRUMENT NO.
FIELD LABEL	22	6		6H	ALWAYS "βRATEβ"
SAMPLING RATE	28	6		F6.2	SAMPLING RATE IN HERTZ (SAMPLES/SECOND), TO HUNDREDTHS
UNITS LABEL	34	2			ALWAYS "HZ"
	TOTAL =	35			

RECORD FORMAT DESCRIPTION

RECORD NAME

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<u>DESCRIPTION 6th HEADER RECORD</u>					
BLANK	1	1			
FIELD LABEL	2	4		H4	ALWAYS "OBS="
TOTAL DATA CYCLES	6	6		I6	TOTAL NUMBER OF DATA CYCLES THIS STATION
FIELD LABEL	12	4		H4	ALWAYS "BFMT" MEANING FORMAT
FORTTRAN FORMAT	16	20		H20	ALWAYS "(F7.1,2F8.4, F6.2,I6)"
	TOTAL = 35				
<u>DESCRIPTION 7th HEADER RECORD</u>					
IF TAPE IS DUMPED, THIS RECORD PROVIDES COLUMN HEADING ON LISTING, CONTAINS NO STATION INFORMATION - see sample listing, next page.					
<u>DESCRIPTION DATA RECORD</u>					
	1	7		F7.1	PRESSURE AS DECIBARS
TEMPERATURE	8	8		F8.4	TEMPERATURE AS DEGREES C
SALINITY	16	8		F8.4	SALINITY AS PARTS/THOUSAND
OXYGEN	24	6		F6.2	OXYGEN AS ML/L
QUALITY WORD	30	6		I6	Not used - always 1

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING																																																																																															
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<p>SHIP WC CRUIS STAT: 1 C#:</p> <p>DATE 83- 1-11 TIME: 0755 Z</p> <p>LAT 43 13.00 LG -125 10.00</p> <p>MAX. PRS= 1009. DB DEPTH= 1647. M</p> <p>AVER 2.0 INST 2561 RATE 31.25HZ</p> <p>OBS= 505 FMT(F7.1,2F8.4,F6.2,I6)</p> <table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>PRES</th> <th>TEMP</th> <th>SALT</th> <th>OXYB</th> <th>QUAL</th> </tr> </thead> <tbody> <tr><td>1.0</td><td>10.3311</td><td>32.5367</td><td>-9.99</td><td>1</td></tr> <tr><td>3.0</td><td>10.3392</td><td>32.5370</td><td>-9.99</td><td>1</td></tr> <tr><td>5.0</td><td>10.3425</td><td>32.5370</td><td>-9.99</td><td>1</td></tr> <tr><td>7.0</td><td>10.3459</td><td>32.5364</td><td>-9.99</td><td>1</td></tr> <tr><td>9.0</td><td>10.3589</td><td>32.5390</td><td>-9.99</td><td>1</td></tr> <tr><td>11.0</td><td>10.3907</td><td>32.5469</td><td>-9.99</td><td>1</td></tr> <tr><td>13.0</td><td>10.3950</td><td>32.5479</td><td>-9.99</td><td>1</td></tr> <tr><td>15.0</td><td>10.4028</td><td>32.5528</td><td>-9.99</td><td>1</td></tr> <tr><td>17.0</td><td>10.4171</td><td>32.5553</td><td>-9.99</td><td>1</td></tr> <tr><td>19.0</td><td>10.4514</td><td>32.5632</td><td>-9.99</td><td>1</td></tr> <tr><td>21.0</td><td>10.4561</td><td>32.5683</td><td>-9.99</td><td>1</td></tr> <tr><td>23.0</td><td>10.4591</td><td>32.5694</td><td>-9.99</td><td>1</td></tr> <tr><td>25.0</td><td>10.4592</td><td>32.5694</td><td>-9.99</td><td>1</td></tr> <tr><td>27.0</td><td>10.4592</td><td>32.5702</td><td>-9.99</td><td>1</td></tr> <tr><td>29.0</td><td>10.4595</td><td>32.5708</td><td>-9.99</td><td>1</td></tr> <tr><td>31.0</td><td>10.4602</td><td>32.5711</td><td>-9.99</td><td>1</td></tr> <tr><td>33.0</td><td>10.4626</td><td>32.5720</td><td>-9.99</td><td>1</td></tr> <tr><td>35.0</td><td>10.4633</td><td>32.5714</td><td>-9.99</td><td>1</td></tr> </tbody> </table>						PRES	TEMP	SALT	OXYB	QUAL	1.0	10.3311	32.5367	-9.99	1	3.0	10.3392	32.5370	-9.99	1	5.0	10.3425	32.5370	-9.99	1	7.0	10.3459	32.5364	-9.99	1	9.0	10.3589	32.5390	-9.99	1	11.0	10.3907	32.5469	-9.99	1	13.0	10.3950	32.5479	-9.99	1	15.0	10.4028	32.5528	-9.99	1	17.0	10.4171	32.5553	-9.99	1	19.0	10.4514	32.5632	-9.99	1	21.0	10.4561	32.5683	-9.99	1	23.0	10.4591	32.5694	-9.99	1	25.0	10.4592	32.5694	-9.99	1	27.0	10.4592	32.5702	-9.99	1	29.0	10.4595	32.5708	-9.99	1	31.0	10.4602	32.5711	-9.99	1	33.0	10.4626	32.5720	-9.99	1	35.0	10.4633	32.5714	-9.99	1
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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 (✓)	
Neil Brown MK111-B CTD#2561	Nov. 82		Neil Brown	X					

Tape Directory

1	SHIP	WC	CRUIS	WL83L1	STA:	1
2	SHIP	WC	CRUIS	WL83L1	STA:	2
3	SHIP	WC	CRUIS	WL83L1	STA:	3
4	SHIP	WC	CRUIS	WL83L1	STA:	4
5	SHIP	WC	CRUIS	WL83L1	STA:	5
6	SHIP	WC	CRUIS	WL83L1	STA:	6
7	SHIP	WC	CRUIS	WL83L1	STA:	7
8	SHIP	WC	CRUIS	WL83L1	STA:	8
9	SHIP	WC	CRUIS	WL83L1	STA:	9
10	SHIP	WC	CRUIS	WL83L1	STA:	10
11	SHIP	WC	CRUIS	WL83L1	STA:	11
12	SHIP	WC	CRUIS	WL83L1	STA:	12
13	SHIP	WC	CRUIS	WL83L1	STA:	13
14	SHIP	WC	CRUIS	WL83L1	STA:	14
15	SHIP	WC	CRUIS	WL83L1	STA:	15
16	SHIP	WC	CRUIS	WL83L1	STA:	16
17	SHIP	WC	CRUIS	WL83L1	STA:	17
18	SHIP	WC	CRUIS	WL83L1	STA:	18
19	SHIP	WC	CRUIS	WL83L1	STA:	19
20	SHIP	WC	CRUIS	WL83L1	STA:	20
21	SHIP	WC	CRUIS	WL83L1	STA:	21
22	SHIP	WC	CRUIS	WL83L1	STA:	22
23	SHIP	WC	CRUIS	WL83L1	STA:	23
24	SHIP	WC	CRUIS	WL83L1	STA:	24
25	SHIP	WC	CRUIS	WL83L1	STA:	25
26	SHIP	WC	CRUIS	WL83L1	STA:	26
27	SHIP	WC	CRUIS	WL83L1	STA:	27
28	SHIP	WC	CRUIS	WL83L1	STA:	28
29	SHIP	WC	CRUIS	WL83L1	STA:	29
30	SHIP	WC	CRUIS	WL83L1	STA:	30
31	SHIP	WC	CRUIS	WL83L1	STA:	31
32	SHIP	WC	CRUIS	WL83L1	STA:	32
33	SHIP	WC	CRUIS	WL83L1	STA:	33
34	SHIP	WC	CRUIS	WL83L1	STA:	34
35	SHIP	WC	CRUIS	WL83L1	STA:	35
36	SHIP	WC	CRUIS	WL83L1	STA:	36
37	SHIP	WC	CRUIS	WL83L1	STA:	37
38	SHIP	WC	CRUIS	WL83L1	STA:	38
39	SHIP	WC	CRUIS	WL83L1	STA:	39
40	SHIP	WC	CRUIS	WL83L1	STA:	40
41	SHIP	WC	CRUIS	WL83L1	STA:	41
42	SHIP	WC	CRUIS	WL83L1	STA:	42
43	SHIP	WC	CRUIS	WL83L1	STA:	43
44	SHIP	WC	CRUIS	WL83L1	STA:	44
45	SHIP	WC	CRUIS	WL83L1	STA:	45
46	SHIP	WC	CRUIS	WL83L1	STA:	46
47	SHIP	WC	CRUIS	WL83L1	STA:	47
48	SHIP	WC	CRUIS	WL83L1	STA:	48
49	SHIP	WC	CRUIS	WL83L1	STA:	49
50	SHIP	WC	CRUIS	WL83L1	STA:	50
51	SHIP	WC	CRUIS	WL83L1	STA:	51
52	SHIP	WC	CRUIS	WL83L1	STA:	52
53	SHIP	WC	CRUIS	WL83L1	STA:	53
54	SHIP	WC	CRUIS	WL83L1	STA:	54
55	SHIP	WC	CRUIS	WL83L1	STA:	55
56	SHIP	WC	CRUIS	WL83L1	STA:	56
57	SHIP	WC	CRUIS	WL83L1	STA:	57
58	SHIP	WC	CRUIS	WL83L1	STA:	58
59	SHIP	WC	CRUIS	WL83L1	STA:	59
60	SHIP	WC	CRUIS	WL83L1	STA:	60
61	SHIP	WC	CRUIS	WL83L1	STA:	61
62	SHIP	WC	CRUIS	WL83L1	STA:	62

63	SHIP	WC	CRUIS	WL83L1	STA:	63
64	SHIP	WC	CRUIS	WL83L1	STA:	64
65	SHIP	WC	CRUIS	WL83L1	STA:	65
66	SHIP	WC	CRUIS	WL83L1	STA:	66
67	SHIP	WC	CRUIS	WL83L4	STA:	1
68	SHIP	WC	CRUIS	WL83L4	STA:	2
69	SHIP	WC	CRUIS	WL83L4	STA:	3
70	SHIP	WC	CRUIS	WL83L4	STA:	4
71	SHIP	WC	CRUIS	WL83L4	STA:	5
72	SHIP	WC	CRUIS	WL83L4	STA:	6
73	SHIP	WC	CRUIS	WL83L4	STA:	7
74	SHIP	WC	CRUIS	WL83L4	STA:	8
75	SHIP	WC	CRUIS	WL83L4	STA:	9
76	SHIP	WC	CRUIS	WL83L4	STA:	10
77	SHIP	WC	CRUIS	WL83L4	STA:	11
78	SHIP	WC	CRUIS	WL83L4	STA:	12
79	SHIP	WC	CRUIS	WL83L4	STA:	13
80	SHIP	WC	CRUIS	WL83L4	STA:	14
81	SHIP	WC	CRUIS	WL83L4	STA:	15
82	SHIP	WC	CRUIS	WL83L4	STA:	16
83	SHIP	WC	CRUIS	WL83L4	STA:	17
84	SHIP	WC	CRUIS	WL83L4	STA:	18
85	SHIP	WC	CRUIS	WL83L4	STA:	19
86	SHIP	WC	CRUIS	WL83L4	STA:	20
87	SHIP	WC	CRUIS	WL83L4	STA:	21
88	SHIP	WC	CRUIS	WL83L4	STA:	22
89	SHIP	WC	CRUIS	WL83L4	STA:	23
90	SHIP	WC	CRUIS	WL83L4	STA:	24
91	SHIP	WC	CRUIS	WL83L4	STA:	25
92	SHIP	WC	CRUIS	WL83L4	STA:	26
93	SHIP	WC	CRUIS	WL83L4	STA:	27
94	SHIP	WC	CRUIS	WL83L4	STA:	28
95	SHIP	WC	CRUIS	WL83L4	STA:	29
96	SHIP	WC	CRUIS	WL83L4	STA:	30
97	SHIP	WC	CRUIS	WL83L4	STA:	31
98	SHIP	WC	CRUIS	WL83L4	STA:	32
99	SHIP	WC	CRUIS	WL83L4	STA:	33
100	SHIP	WC	CRUIS	WL83L4	STA:	34
101	SHIP	WC	CRUIS	WL83L4	STA:	35
102	SHIP	WC	CRUIS	WL83L4	STA:	36
103	SHIP	WC	CRUIS	WL83L4	STA:	37
104	SHIP	WC	CRUIS	WL83L4	STA:	38
105	SHIP	WC	CRUIS	WL83L4	STA:	39
106	SHIP	WC	CRUIS	WL83L4	STA:	40
107	SHIP	WC	CRUIS	WL83L4	STA:	41
108	SHIP	WC	CRUIS	WL83L4	STA:	42
109	SHIP	WC	CRUIS	WL83L4	STA:	43
110	SHIP	WC	CRUIS	WL83L4	STA:	44
111	SHIP	WC	CRUIS	WL83L4	STA:	45
112	SHIP	WC	CRUIS	WL83L4	STA:	46
113	SHIP	WC	CRUIS	WL83L4	STA:	47
114	SHIP	WC	CRUIS	WL83L4	STA:	48
115	SHIP	WC	CRUIS	WL83L4	STA:	49
116	SHIP	WC	CRUIS	WL83L4	STA:	50
117	SHIP	WC	CRUIS	WL83L4	STA:	51
118	SHIP	WC	CRUIS	WL83L4	STA:	52
119	SHIP	WC	CRUIS	WL83L4	STA:	53
120	SHIP	WC	CRUIS	WL83L4	STA:	54
121	SHIP	WC	CRUIS	WL83L4	STA:	55
122	SHIP	WC	CRUIS	WL83L4	STA:	56
123	SHIP	WC	CRUIS	WL83L4	STA:	57
124	SHIP	WC	CRUIS	WL83L4	STA:	58
125	SHIP	WC	CRUIS	WL83L4	STA:	59
126	SHIP	WC	CRUIS	WL83L4	STA:	60
127	SHIP	WC	CRUIS	WL83L4	STA:	61
128	SHIP	WC	CRUIS	WL83L4	STA:	62

129	SHIP	WC	CRUIS	WL83L4	STA: 63
130	SHIP	WC	CRUIS	WL83L4	STA: 64
131	SHIP	WC	CRUIS	WL83L4	STA: 65
132	SHIP	WC	CRUIS	WL83L4	STA: 66
133	SHIP	WC	CRUIS	WL83L4	STA: 67
134	SHIP	WC	CRUIS	WL83L4	STA: 68
135	SHIP	WC	CRUIS	WL83L4	STA: 69
36	SHIP	WC	CRUIS	WL83L4	STA: 70
37	SHIP	WC	CRUIS	WL83L4	STA: 71
138	SHIP	WC	CRUIS	WL83L4	STA: 72
139	SHIP	WC	CRUIS	WL83L4	STA: 73
140	SHIP	WC	CRUIS	WL83L4	STA: 74
141	SHIP	WC	CRUIS	WL83L4	STA: 75
142	SHIP	WC	CRUIS	WL83L4	STA: 76
143	SHIP	WC	CRUIS	WL83L4	STA: 77
144	SHIP	WC	CRUIS	WL83L4	STA: 78
145	SHIP	WC	CRUIS	WL83L4	STA: 79
146	SHIP	WC	CRUIS	WL83L4	STA: 80
147	SHIP	WC	CRUIS	WL83L4	STA: 81
148	SHIP	WC	CRUIS	WL83L4	STA: 82
149	SHIP	WC	CRUIS	WL83L4	STA: 83
150	SHIP	WC	CRUIS	WL83L4	STA: 84
151	SHIP	WC	CRUIS	WL83L4	STA: 85
152	SHIP	WC	CRUIS	WL83L4	STA: 86
153	SHIP	WC	CRUIS	WL83L4	STA: 87
154	SHIP	WC	CRUIS	WL83L4	STA: 88
155	SHIP	WC	CRUIS	WL83L4	STA: 89
156	SHIP	WC	CRUIS	WL83L4	STA: 90
157	SHIP	WC	CRUIS	WL83L4	STA: 91
158	SHIP	WC	CRUIS	WL83L4	STA: 92
159	SHIP	WC	CRUIS	WL83L4	STA: 93
160	SHIP	WC	CRUIS	WL83L4	STA: 94
61	SHIP	WC	CRUIS	WL83L4	STA: 95
62	SHIP	WC	CRUIS	WL83L4	STA: 96

ACCESSION NO. 8500252

FILETYPE F022

TRACK NO. TT5343-5344 PROJECT IDENTIFICATION _____

STEP	DATE	INIT.	TAPE OR DISK DSN.	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	11/27/85	J. E. Jr.	A00050	486	35	3500	47,400
DUPLICATE TAPE	11/27/85	J. E. Jr.	W05034	486	35	3500	47,400
REFORMATTED TAPE			WEL0C2OUT.				
REFORMATTED DISK							
FIRST MULCHEK	12/11/85	CBJ	S&L DATA.F022TT5343	1	120		2608
FINAL MULCHEK			*				1
MPD75 OR F022	12/12/85		F022.TT5343/F022	1	60		1
DATA SET FINALIZED	12/12/85	CBJ	..		"		2608

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

none

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

Changed 60 min time to 1 hour.

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

USER NAME Cover PHONE # _____ ORG/TASK # _____ DATE SUBMITTED 11/14/85 DATE DUE _____ BIN # 27

EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED
SL COPY/SCAN

INPUT MEDIUM: PAPER CARD DISK TAPE DISKETTE OTHER(SPECIFY) _____
 OUTPUT MEDIUM: CARD DISK PRINT TAPE PLOT DISKETTE OTHER(SPECIFY) _____

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE	
INPUT	<u>A0005D</u>		<u>9</u>	<u>800</u>	<u>odd</u>	<u>NL</u>	<u>FB</u>	<u>35</u>	<u>3500</u>	<u>1/2</u>	
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
OUTPUT	<u>Wp5p34</u>		<u>9</u>	<u>1600</u>	<u>odd</u>	<u>SL</u>	<u>FB</u>	<u>35</u>	<u>3500</u>	<u>1/2</u>	
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME <u>DNOD*8500252-01</u>				PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE

SPECIAL INSTRUCTIONS _____ ESTIMATED EXECUTION TIME _____

3731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
<u>15111402</u>	<u>11/15/85</u>			<u>Q</u>	<u>MTA0-MTA1-2 mounts</u>

COMMENTS
Send to Asheville
Completed by E. G. Smith

Password:

accNo	fileA	refNo	proj	inst	ship	startDate	cruise	catId
8500252	C022	329380	9999	3103	32WC	1983/01/11	TT5343	156832
8500252	C022	329381	9999	3103	32WC	1983/04/06	TT5344	156833
8500252	F022	TT5343	9999	3103	32WC	1983/01/11	WL83L1	156834
8500252	F022	TT5344	9999	3103	32WC	1983/04/06	WL83L4-6	156835

(4 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8500252	C022	329380	32WC	66	98	83/01/11	83/01/16
8500252	C022	329381	32WC	96	142	83/04/06	83/04/18
8500252	F022	TT5343	32WC	66	3167	83/01/11	83/01/16
8500252	F022	TT5344	32WC	96	4441	83/04/06	83/04/18

(4 rows affected)

Reference # 329380-329381

ACCESSION NUMBER

8500252

DATA DOCUMENTATION FORM

T15343-5344

NOAA FORM 24-13
(2-85)

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. 0648-0024
EXPIRES 2/29/87

(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

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Oregon State University College of Oceanography Corvallis, OR 97331			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED WELOC 83 Legs 1, 4, 5,6		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT WL 83L1 WL 83L4	
4. PLATFORM NAME(S) R/V WECOMA	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES)	
		PLATFORM	OPERATOR
		7. DATES	
		FROM: MO/DAY/YR	TO: MO/DAY/YR
		R/V WECOMA USA	1/11/83 4/6/83 1/16/83 4/18/83
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.	
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)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Rich Schramm (503) 754-3708			

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**

The first seven (7) records contain the basic sampling information followed by "n" data records (variable length files). The record type is identified by its position/order in the file. The first 7 records are self documenting in that each field has a readable label. See sample file dump in "RECORD FORMAT DESCRIPTION" section.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

This data set/tape contains the CTD casts from one cruise. The tape is multi-file with each station being a separate file. The first seven records of each file contain the basic sampling information for that station. The remaining records are data records. Each record is 35 char. long.

As the last physical block of each file may contain fewer than 100 records, the block is padded out to 3500 characters using the ASCII "Null" character (Decimal 0).

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Rich Schramm (503) 754-3708

ADDRESS College of Oceanography, Oregon State University, Corvallis, OR 97331

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____</p> <p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____</p> <p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN</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>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input checked="" type="checkbox"/> NR 71</p> <p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____</p> <p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p> </p> <p>12. PHYSICAL BLOCK LENGTH IN BYTES 3500 (35 char/rec. 100 rec/block)</p> <p>13. LENGTH OF BYTES IN BITS</p> <p> </p>
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RECORD FORMAT DESCRIPTION

RECORD NAME

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
DESCRIPTION 1st HEADER RECORD					(All fields right justified)
BLANK	1	1			BLANK
FIELD LABEL	2	5		5H	ALWAYS "SHIPØ" (Ø=blank)
SHIP CODE	7	2		A2	2 CHAR. SHIP CODE AT=ATLANTIS II, KN=KNORR WC=WECOMA
FIELD LABEL	9	7		7H	ALWAYS "CRUISØ"Ø
CRUISE NUMBER	16	3		I3	CRUISE NO.
FIELD LABEL	19	6		6H	ALWAYS "ØSTAT:"
STATION NUMBER	25	4		I4	STATION NO.
BLANK	29	1			BLANK
FIELD LABEL	30	3		3H	ALWAYS "C#:"
CAST NUMBER	33	3		I3	CAST NO.
	TOTAL =	35			
DESCRIPTION 2nd HEADER RECORD					(All fields right justified)
BLANK	1	1			BLANK
FIELD LABEL	2	5		H5	ALWAYS "DATEØ" (Ø = blank)
DATE: YEAR	7	2		I2	YEAR LAST TWO DIGITS
MONTH	9	1		H1	ALWAYS "-" FIELD SEPARATER
DAY	10	2		I2	MONTH (1-12)
DAY	12	1		H1	ALWAYS "-" FIELD SEPARATER
DAY	13	2		I2	DAY (1-31)
BLANK	15	2			BLANK
FIELD LABEL	17	6		H6	ALWAYS "TIME:Ø"
TIME	23	4		I4	TIME GMT 24 HR. CLOCK
TIME LABEL	27	2		H2	ALWAYS "ØZ" SYMBOL FOR GMT OR ZULU TIME
BLANK	29	7			BLANK
	TOTAL =	35			

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bit, byte)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
DESCRIPTION 3rd HEADER RECORD					(All fields right justified)
BLANK	1	1			BLANK
FIELD LABEL	2	4		4H	ALWAYS "LAT β " (β =blank)
LATITUDE:DEGREES	6	3		I3	DEGREES OF LATITUDE NEGATIVE FOR SOUTH
LATITUDE:MINUTES	9	6		F6.2	MINUTES OF LATITUDE TO HUNDREDTHS OF A MINUTE
FIELD LABEL	15	4		4H	ALWAYS "bLG β "
LONGITUDE:DEGREES	19	4		I4	DEGREES OF LONGITUDE NEGATIVE FOR WEST
LONGITUDE:MINUTES	23	6		F6.2	MINUTES OF LONGITUDE TO HUNDREDTHS OF A MINUTE
BLANK	29	7			BLANK
	TOTAL = 35				
DESCRIPTION 4th HEADER RECORD					(All fields right justified)
BLANK	1	1			BLANK
FIELD LABEL	2	9			ALWAYS "MAX. β PRES=" (β =blank)
MAX.PRESSURE	11	6		F6.0	MAXIMUM PRESSURE REACHED BY THE CTD CAST, PRESSURE IN DECIBARS
FIELD LABEL	17	11		11H	ALWAYS " β DB β DEPTH="
DEPTH TO BOTTOM	28	6		F6.0	WATER DEPTH IN METERS
DEPTH LABEL	34	2		2H	ALWAYS " β M" M=METERS
	TOTAL = 35				
DESCRIPTION 5th HEADER RECORD					(All fields right justified)
BLANK	1	1			BLANK
FIELD	2	5		5H	ALWAYS "AVER β " (β =blank)
AVERAGING INTERVAL	7	5		F5.1	ALL DATA REDUCED TO A COMMON REPORTING INTERVAL, IN DECIBARS
FIELD LABEL	12	6		6H	ALWAYS " β INST β "
INSTRUMENT	18	4		I4	CTD INSTRUMENT NO.
FIELD LABEL	22	6		6H	ALWAYS " β RATE β "
SAMPLING RATE	28	6		F6.2	SAMPLING RATE IN HERTZ (SAMPLES/SECOND), TO HUNDREDTHS
UNITS LABEL	34	2			ALWAYS "HZ"
	TOTAL = 35				

RECORD FORMAT DESCRIPTION

RECORD NAME

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<u>DESCRIPTION 6th HEADER RECORD</u>					
BLANK	1	1			
FIELD LABEL	2	4		H4	ALWAYS "OBS="
TOTAL DATA CYCLES	6	6		I6	TOTAL NUMBER OF DATA CYCLES THIS STATION
FIELD LABEL	12	4		H4	ALWAYS "BFMT" MEANING FORMAT
FORTRAN FORMAT	16	20		H20	ALWAYS "(F7.1,2F8.4, F6.2,I6)"
	TOTAL = 35				
<u>DESCRIPTION 7th HEADER RECORD</u>					
IF TAPE IS DUMPED, THIS RECORD PROVIDES COLUMN HEADING ON LISTING, CONTAINS NO STATION INFORMATION - see sample listing, next page.					
<u>DESCRIPTION DATA RECORD</u>					
	1	7		F7.1	PRESSURE AS DECIBARS
TEMPERATURE	8	8		F8.4	TEMPERATURE AS DEGREES C
SALINITY	16	8		F8.4	SALINITY AS PARTS/THOUSAND
OXYGEN	24	6		F6.2	OXYGEN AS ML/L
QUALITY WORD	30	6		I6	Not used - always 1

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM-1. MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<pre> SHIP WC CRUIS STAT: 1 C#: DATE 83- 1-11 TIME: 0755 Z LAT 43 13.00 LG -125 10.00 MAX. PRS= 1009. DB DEPTH= 1647. M AVER 2.0 INST 2561 RATE 31.25HZ OBS= 505 FMT(F7.1,2F8.4,F6.2,I6) PRES TEMP SALT OXYG QUAL 1.0 10.3311 32.5367 -9.99 1 3.0 10.3392 32.5370 -9.99 1 5.0 10.3425 32.5370 -9.99 1 7.0 10.3459 32.5364 -9.99 1 9.0 10.3589 32.5390 -9.99 1 11.0 10.3907 32.5469 -9.99 1 13.0 10.3950 32.5479 -9.99 1 15.0 10.4028 32.5528 -9.99 1 17.0 10.4171 32.5553 -9.99 1 19.0 10.4514 32.5632 -9.99 1 21.0 10.4561 32.5683 -9.99 1 23.0 10.4591 32.5694 -9.99 1 25.0 10.4592 32.5694 -9.99 1 27.0 10.4592 32.5702 -9.99 1 29.0 10.4595 32.5708 -9.99 1 31.0 10.4602 32.5711 -9.99 1 33.0 10.4626 32.5720 -9.99 1 35.0 10.4633 32.5714 -9.99 1 </pre>					

Tape Directory

1	SHIP	WC	CRUIS	WL83L1	STA:	1
2	SHIP	WC	CRUIS	WL83L1	STA:	2
3	SHIP	WC	CRUIS	WL83L1	STA:	3
4	SHIP	WC	CRUIS	WL83L1	STA:	4
5	SHIP	WC	CRUIS	WL83L1	STA:	5
6	SHIP	WC	CRUIS	WL83L1	STA:	6
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16	SHIP	WC	CRUIS	WL83L1	STA:	16
17	SHIP	WC	CRUIS	WL83L1	STA:	17
18	SHIP	WC	CRUIS	WL83L1	STA:	18
19	SHIP	WC	CRUIS	WL83L1	STA:	19
20	SHIP	WC	CRUIS	WL83L1	STA:	20
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22	SHIP	WC	CRUIS	WL83L1	STA:	22
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33	SHIP	WC	CRUIS	WL83L1	STA:	33
34	SHIP	WC	CRUIS	WL83L1	STA:	34
35	SHIP	WC	CRUIS	WL83L1	STA:	35
36	SHIP	WC	CRUIS	WL83L1	STA:	36
37	SHIP	WC	CRUIS	WL83L1	STA:	37
38	SHIP	WC	CRUIS	WL83L1	STA:	38
39	SHIP	WC	CRUIS	WL83L1	STA:	39
40	SHIP	WC	CRUIS	WL83L1	STA:	40
41	SHIP	WC	CRUIS	WL83L1	STA:	41
42	SHIP	WC	CRUIS	WL83L1	STA:	42
43	SHIP	WC	CRUIS	WL83L1	STA:	43
44	SHIP	WC	CRUIS	WL83L1	STA:	44
45	SHIP	WC	CRUIS	WL83L1	STA:	45
46	SHIP	WC	CRUIS	WL83L1	STA:	46
47	SHIP	WC	CRUIS	WL83L1	STA:	47
48	SHIP	WC	CRUIS	WL83L1	STA:	48
49	SHIP	WC	CRUIS	WL83L1	STA:	49
50	SHIP	WC	CRUIS	WL83L1	STA:	50
51	SHIP	WC	CRUIS	WL83L1	STA:	51
52	SHIP	WC	CRUIS	WL83L1	STA:	52
53	SHIP	WC	CRUIS	WL83L1	STA:	53
54	SHIP	WC	CRUIS	WL83L1	STA:	54
55	SHIP	WC	CRUIS	WL83L1	STA:	55
56	SHIP	WC	CRUIS	WL83L1	STA:	56
57	SHIP	WC	CRUIS	WL83L1	STA:	57
58	SHIP	WC	CRUIS	WL83L1	STA:	58
59	SHIP	WC	CRUIS	WL83L1	STA:	59
60	SHIP	WC	CRUIS	WL83L1	STA:	60
61	SHIP	WC	CRUIS	WL83L1	STA:	61
62	SHIP	WC	CRUIS	WL83L1	STA:	62

63	SHIP	WC	CRUIS	WL83L1	STA:	63
64	SHIP	WC	CRUIS	WL83L1	STA:	64
65	SHIP	WC	CRUIS	WL83L1	STA:	65
66	SHIP	WC	CRUIS	WL83L1	STA:	66
67	SHIP	WC	CRUIS	WL83L4	STA:	1
68	SHIP	WC	CRUIS	WL83L4	STA:	2
69	SHIP	WC	CRUIS	WL83L4	STA:	3
70	SHIP	WC	CRUIS	WL83L4	STA:	4
71	SHIP	WC	CRUIS	WL83L4	STA:	5
72	SHIP	WC	CRUIS	WL83L4	STA:	6
73	SHIP	WC	CRUIS	WL83L4	STA:	7
74	SHIP	WC	CRUIS	WL83L4	STA:	8
75	SHIP	WC	CRUIS	WL83L4	STA:	9
76	SHIP	WC	CRUIS	WL83L4	STA:	10
77	SHIP	WC	CRUIS	WL83L4	STA:	11
78	SHIP	WC	CRUIS	WL83L4	STA:	12
79	SHIP	WC	CRUIS	WL83L4	STA:	13
80	SHIP	WC	CRUIS	WL83L4	STA:	14
81	SHIP	WC	CRUIS	WL83L4	STA:	15
82	SHIP	WC	CRUIS	WL83L4	STA:	16
83	SHIP	WC	CRUIS	WL83L4	STA:	17
84	SHIP	WC	CRUIS	WL83L4	STA:	18
85	SHIP	WC	CRUIS	WL83L4	STA:	19
86	SHIP	WC	CRUIS	WL83L4	STA:	20
87	SHIP	WC	CRUIS	WL83L4	STA:	21
88	SHIP	WC	CRUIS	WL83L4	STA:	22
89	SHIP	WC	CRUIS	WL83L4	STA:	23
90	SHIP	WC	CRUIS	WL83L4	STA:	24
91	SHIP	WC	CRUIS	WL83L4	STA:	25
92	SHIP	WC	CRUIS	WL83L4	STA:	26
93	SHIP	WC	CRUIS	WL83L4	STA:	27
94	SHIP	WC	CRUIS	WL83L4	STA:	28
95	SHIP	WC	CRUIS	WL83L4	STA:	29
96	SHIP	WC	CRUIS	WL83L4	STA:	30
97	SHIP	WC	CRUIS	WL83L4	STA:	31
98	SHIP	WC	CRUIS	WL83L4	STA:	32
99	SHIP	WC	CRUIS	WL83L4	STA:	33
100	SHIP	WC	CRUIS	WL83L4	STA:	34
101	SHIP	WC	CRUIS	WL83L4	STA:	35
102	SHIP	WC	CRUIS	WL83L4	STA:	36
103	SHIP	WC	CRUIS	WL83L4	STA:	37
104	SHIP	WC	CRUIS	WL83L4	STA:	38
105	SHIP	WC	CRUIS	WL83L4	STA:	39
106	SHIP	WC	CRUIS	WL83L4	STA:	40
107	SHIP	WC	CRUIS	WL83L4	STA:	41
108	SHIP	WC	CRUIS	WL83L4	STA:	42
109	SHIP	WC	CRUIS	WL83L4	STA:	43
110	SHIP	WC	CRUIS	WL83L4	STA:	44
111	SHIP	WC	CRUIS	WL83L4	STA:	45
112	SHIP	WC	CRUIS	WL83L4	STA:	46
113	SHIP	WC	CRUIS	WL83L4	STA:	47
114	SHIP	WC	CRUIS	WL83L4	STA:	48
115	SHIP	WC	CRUIS	WL83L4	STA:	49
116	SHIP	WC	CRUIS	WL83L4	STA:	50
117	SHIP	WC	CRUIS	WL83L4	STA:	51
118	SHIP	WC	CRUIS	WL83L4	STA:	52
119	SHIP	WC	CRUIS	WL83L4	STA:	53
120	SHIP	WC	CRUIS	WL83L4	STA:	54
121	SHIP	WC	CRUIS	WL83L4	STA:	55
122	SHIP	WC	CRUIS	WL83L4	STA:	56
123	SHIP	WC	CRUIS	WL83L4	STA:	57
124	SHIP	WC	CRUIS	WL83L4	STA:	58
125	SHIP	WC	CRUIS	WL83L4	STA:	59
126	SHIP	WC	CRUIS	WL83L4	STA:	60
127	SHIP	WC	CRUIS	WL83L4	STA:	61
128	SHIP	WC	CRUIS	WL83L4	STA:	62

129	SHIP	WC	CRUIS	WL83L4	STA: 63
130	SHIP	WC	CRUIS	WL83L4	STA: 64
131	SHIP	WC	CRUIS	WL83L4	STA: 65
132	SHIP	WC	CRUIS	WL83L4	STA: 66
133	SHIP	WC	CRUIS	WL83L4	STA: 67
134	SHIP	WC	CRUIS	WL83L4	STA: 68
35	SHIP	WC	CRUIS	WL83L4	STA: 69
36	SHIP	WC	CRUIS	WL83L4	STA: 70
37	SHIP	WC	CRUIS	WL83L4	STA: 71
138	SHIP	WC	CRUIS	WL83L4	STA: 72
139	SHIP	WC	CRUIS	WL83L4	STA: 73
140	SHIP	WC	CRUIS	WL83L4	STA: 74
141	SHIP	WC	CRUIS	WL83L4	STA: 75
142	SHIP	WC	CRUIS	WL83L4	STA: 76
143	SHIP	WC	CRUIS	WL83L4	STA: 77
144	SHIP	WC	CRUIS	WL83L4	STA: 78
145	SHIP	WC	CRUIS	WL83L4	STA: 79
146	SHIP	WC	CRUIS	WL83L4	STA: 80
147	SHIP	WC	CRUIS	WL83L4	STA: 81
148	SHIP	WC	CRUIS	WL83L4	STA: 82
149	SHIP	WC	CRUIS	WL83L4	STA: 83
150	SHIP	WC	CRUIS	WL83L4	STA: 84
151	SHIP	WC	CRUIS	WL83L4	STA: 85
152	SHIP	WC	CRUIS	WL83L4	STA: 86
153	SHIP	WC	CRUIS	WL83L4	STA: 87
154	SHIP	WC	CRUIS	WL83L4	STA: 88
155	SHIP	WC	CRUIS	WL83L4	STA: 89
156	SHIP	WC	CRUIS	WL83L4	STA: 90
157	SHIP	WC	CRUIS	WL83L4	STA: 91
158	SHIP	WC	CRUIS	WL83L4	STA: 92
159	SHIP	WC	CRUIS	WL83L4	STA: 93
60	SHIP	WC	CRUIS	WL83L4	STA: 94
61	SHIP	WC	CRUIS	WL83L4	STA: 95
62	SHIP	WC	CRUIS	WL83L4	STA: 96

NAHSEN REF. #

329380

MULDARS TRACK #

TT5343

MONITOR: CONTACT

Gerald W. Damen

LOCATION OF F022 SOURCE

Archives (TT5343)

RECORD ALL ERRORS FOUND

CONSEC(S)

All

ERRORS FOUND

Today: change hundreds col.
from 0 to 1

ok
M. PC
7/30/86

NANSEN REF. #

329381

MULDARS TRACK #

TT5344

MONITOR: CONTACT

Gerald W. Damen

LOCATION OF F022 SOURCE

Archives (TT5344)

RECORD ALL ERRORS FOUND

CONSEC(S)

111

89

68

ERRORS FOUND

Lodeg: change hundreds^{col.} from
0 to 1

Lodeg: change 43 to 44

change time on master
record to 000 from
010

radf
4/30

ok
MPD/75

03216

ENTRY INFORMATION SYSTEM
(DATASET INVENTORY)

IEG

DATE OF ENTRY: 11/14/85

REFERENCE NUMBER: TT5343 ACCESSION NUMBER: 8500252
FORM REFERENCE NUMBER: _____ FORMER ACCESSION NUMBER: _____ (RESUB ONLY)

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape DINDB CODE 09
EXCHANGE (FORMAT): E071 - WHOI CTD Exchange
PROCESSING (FORMAT): F022 - CTD/STD

* NOTE * If data is F022, create an additional record for C022.

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3103
PLATFORM (COUNTRY AND PLATFORM CODES): 32WC
PLATFORM TYPE: 9 - Ship DINDB CODE 09

ORIGINATORS FILE ID: _____ ORIGINATORS CRUISE ID: WL83L1
CRUISE START DATE: 01/11/83 CRUISE END DATE: 01/16/83 Press PgDn
PROJECT CODE: _____ DATA USE CODE (DUC): 1 to continue

VOLUME - NUMBER OF STATIONS: 66 NUMBER OF RECORDS: 3167
~~19,500~~

If STA/REC counts are not appropriate then enter -

NUMBER: _____ UNITS: _____

OCEAN AREA

CODE 1: 57D MEANING: Coastal Waters of California
CODE 2: 57E MEANING: Coastal Waters of Washington/Oregon
CODE 3: _____ MEANING: _____

DINDB TRACK TRANSACTION GENERATED: / /

***** Record 3485 in INVENTORY *****

003217

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY)

DATE OF ENTRY: 11/14/85

REFERENCE NUMBER: 329380 ACCESSION NUMBER: 8500252
FORMER REFERENCE NUMBER: _____ FORMER ACCESSION NUMBER: _____ (RESUB ONL)

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape DINDB CODE 09
EXCHANGE (FORMAT): E001 - Low Resolution STD
PROCESSING (FORMAT): C022 - Low Resolution STD (SD2 Format)

* NOTE * If data is F022, create an additional record for C022.

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3103
PLATFORM (COUNTRY AND PLATFORM CODES): 32WC
PLATFORM TYPE: 9 - Ship DINDB CODE 09

ORIGINATORS FILE ID: _____ ORIGINATORS CRUISE ID: TT5343
CRUISE START DATE: 01/11/83 CRUISE END DATE: 01/16/83 Press Pg1
PROJECT CODE: _____ DATA USE CODE (DUC): 1 to contir

VOLUME - NUMBER OF STATIONS: 66 NUMBER OF RECORDS: 3167
~~19,500~~

If STA/REC counts are not appropriate then enter -

NUMBER: _____ UNITS: _____

OCEAN AREA

CODE 1: 57D MEANING: Coastal Waters of California
CODE 2: 57E MEANING: Coastal Waters of Washington/Oregon
CODE 3: _____ MEANING: _____

DINDB TRACK TRANSACTION GENERATED: / /

DATE OF ENTRY: 11/14/85

REFERENCE NUMBER: TT5344 ACCESSION NUMBER: 8500252
FORMER REFERENCE NUMBER: _____ FORMER ACCESSION NUMBER: _____ (RESUB ONLY)

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape DINDB CODE 09
EXCHANGE (FORMAT): E071 - WHOI CTD Exchange
PROCESSING (FORMAT): F022 - CTD/STD

* NOTE * If data is F022, create an additional record for C022.

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3103
PLATFORM (COUNTRY AND PLATFORM CODES): 32WC
PLATFORM TYPE: 9 - Ship DINDB CODE 09

ORIGINATORS FILE ID: _____ ORIGINATORS CRUISE ID: WL83L4-6
CRUISE START DATE: 04/06/83 CRUISE END DATE: 04/18/83 Press PgDn
PROJECT CODE: _____ DATA USE CODE (DUC): 1 to continue

VOLUME - NUMBER OF STATIONS: 96 NUMBER OF RECORDS: 4000+
~~27,900~~

If STA/REC counts are not appropriate then enter -

NUMBER: _____ UNITS: _____

OCEAN AREA

CODE 1: 57D MEANING: Coastal Waters of California
CODE 2: 57E MEANING: Coastal Waters of Washington/Oregon
CODE 3: _____ MEANING: _____

NDB TRACK TRANSACTION GENERATED: / /

***** ... 0487 in INVENTORY *****

003219

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY)

DATE OF ENTRY: 11/14/85

REFERENCE NUMBER: 329381 ACCESSION NUMBER: 8500252
FORMER REFERENCE NUMBER: _____ FORMER ACCESSION NUMBER: _____ (RESUB ONLY)

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape DINDB CODE 09
EXCHANGE (FORMAT): E001 - Low Resolution STD
PROCESSING (FORMAT): C022 - Low Resolution STD (SD2 Format)

* NOTE * If data is F022, create an additional record for C022.

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3103
PLATFORM (COUNTRY AND PLATFORM CODES): 32WC
PLATFORM TYPE: 9 - Ship DINDB CODE 09

ORIGINATORS FILE ID: _____ ORIGINATORS CRUISE ID: TT5344
CRUISE START DATE: 04/06/83 CRUISE END DATE: 04/18/83 Press Pg
PROJECT CODE: _____ DATA USE CODE (DUC): 1 to conti

VOLUME - NUMBER OF STATIONS: _____ 96 NUMBER OF RECORDS: ~~27,900~~ 4000+

If STA/REC counts are not appropriate then enter -

NUMBER: _____ UNITS: _____

OCEAN AREA

CODE 1: 57D MEANING: Coastal Waters of California
CODE 2: 57E MEANING: Coastal Waters of Washington/Oregon
CODE 3: _____ MEANING: _____

DINDB TRACK TRANSACTION GENERATED: / /

ACCESSION NO. 8500252FILETYPE C022TRACK NO. 329380-81PROJECT
IDENTIFICATION _____

STEP	DATE	INIT.	TAPE OR DISK DSN.	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	11/27/85	D. E. Greer	A00050	486	33	3500	47,400
DUPLICATE TAPE	11/27/85	D. E. Greer	W05034	486	33	3500	47,400
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

Green

DATE SUBMITTED 11/14/85 DATE DUE BIR # 27

EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

SL COPY / SCAN

INPUT MEDIUM PAPER CARD DISK <u>TAPE</u> DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <u>PRINT</u> <u>TAPE</u> PLOT DISKETTE OTHER(SPECIFY)
--	---

TAPE/DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE	
A0005D		9	800	odd	NL	FB	35	3500	1/2	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE	
Wp5p34		9	1600	odd	SL	FB	35	3500	1/4	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME DNOD*8500252-01.				PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED EXECUTION TIME

31 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
111402	11/15/85			Q	MTA0-MTA1-2 mounts

REMARKS

Send to Asheville
Completed by E. G. Smith

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8500252	C022	329380	9999	3103	32WC	1983/01/11	TT5343	156832
8500252	C022	329381	9999	3103	32WC	1983/04/06	TT5344	156833
8500252	F022	TT5343	9999	3103	32WC	1983/01/11	WL83L1	156834
8500252	F022	TT5344	9999	3103	32WC	1983/04/06	WL83L4-6	156835

(4 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
8500252	C022	329380	32WC	66	98	83/01/11	83/01/16
8500252	C022	329381	32WC	96	142	83/04/06	83/04/18
8500252	F022	TT5343	32WC	66	3167	83/01/11	83/01/16
8500252	F022	TT5344	32WC	96	4441	83/04/06	83/04/18

(4 rows affected)

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8500252	C022	329380	9999	3103	32WC	1983/01/11	TT5343	156832
8500252	C022	329381	9999	3103	32WC	1983/04/06	TT5344	156833
8500252	F022	TT5343	9999	3103	32WC	1983/01/11	WL83L1	156834
8500252	F022	TT5344	9999	3103	32WC	1983/04/06	WL83L4-6	156835

(4 rows affected)

8500252

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
8500252	C022	329380	32WC	66	98	83/01/11	83/01/16
8500252	C022	329381	32WC	96	142	83/04/06	83/04/18
8500252	F022	TT5343	32WC	66	3167	83/01/11	83/01/16
8500252	F022	TT5344	32WC	96	4441	83/04/06	83/04/18

(4 rows affected)