84NODC187 | ACCESSION NUMBER 8400121

DATA DOCUMENTATION FORM

TT1767-71

NOAA FORM 24-13 (4-77)

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. 41-R2651
EXPIRES 1-81

(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

COLLEGE OF OCEANOGRAPHY
OREGON STATE UNIVERSITY
CORVALLIS, ORE 97331

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Code 1 Legs 1, 8
Code 2 Legs 9, 10, 13

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

Code 1 Legs 3,8,
Code 2 Legs 9, 10, 13

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
R/V Wecoma	Oregon State University

7. DATES

FROM: MO/DAY/YR	TO: MO/DAY/YR
4/20/81	4/21/81 *
7/19/81	7/19/81 **
7/14/82	7/27/82 ***
8/3/82	8/19/82 ****

8. ARE DATA PROPRIETARY?

☒ NO ☐ YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ____ MONTH ____

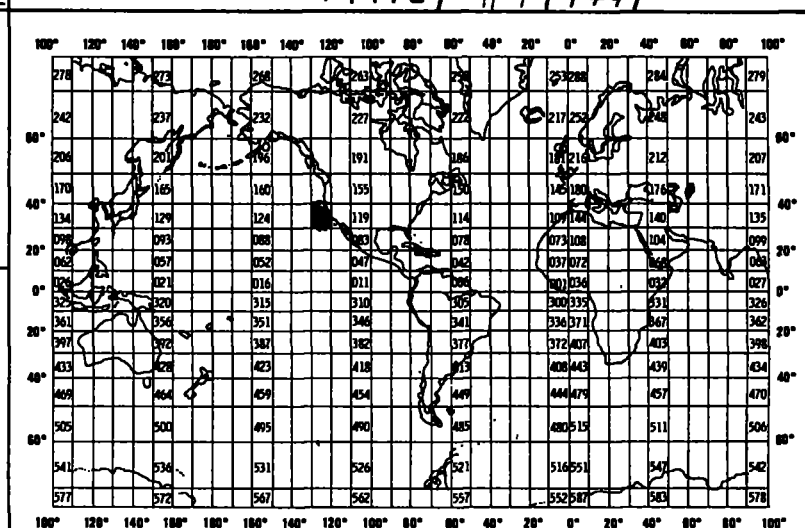
11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

* CODE 1, LEG 3 = TT1767
** CODE 1, LEG 8 = TT1768
*** CODE 2, LEG 9 = E GENERAL AREA TT1769
**** CODE 2, LEG 10 TT1770
CODE 2, LEG 13 TT1771

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

☐ NO ☒ YES ☐ PART *(SPECIFY BELOW)*



10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER *(AND ADDRESS IF OTHER THAN IN ITEM-1)*

Dr. Jane Huyer
(503) 754-2108

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 S 510)	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 CTD Model Mark IIIb	See attached sheets	values averaged over on db intervals
Temperature	°C	" "	" " "	" "
Salinity	°/oo	" "	" " "	" "

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

Following is a description of the format of the accompanying magnetic tapes. The format is OSU's version of the WHOI/NODC Exchange format as proposed by George Heimerdinger at WHOI (617-548-1400) and implemented by Rich Schramm at OSU (503-754-3708). We have tried to follow the proposed format with only the slight modifications as indicated below.

THE TAPE.

The tape is a 9-Track, 800 BPI, NRZ1 format tape. Data are encoded as eight bit ASCII characters with odd parity. The tape contains many casts, with one cast per tape file. Files are separated by a single EOF (End-of File) mark. The last file of the tape is followed by a double EOF.

A file contains many records, each 35 characters long. Records are blocked in groups of 100 to give a physical block length of 3500 characters As the last block will most likley contain fewer than 100 records, the last block is padded to 3500 using the ASCII 'Null' character (decimal 0).

THE FILE FORMAT

The first seven records contain the basic station information as described in the attached 'RECORD FORMAT DESCRIPTION'. This information is followed by 'n' data records (variable length files).

EXCEPTIONS/MODIFICATIONS TO WHOI/NODC EXCHANGE FORMAT.

- The quality word is not used and is always 1.

- The cruise number is blank as OSU does not number cruises sequentially. The cruise designation can be obtained from the directory accompanying the tape.

- If dissolved oxygen is not present it is set to -9.99 . Dissolved oxygen was not a measured parameter on the CODE cruises.

- To avoid odd or variable length blocks, the last block of a file containing fewer than 100 records is padded to 3500 characters using the ASCII 'Null' (decimal 0) character.

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 contains the basis 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 Ø).

3. ATTRIBUTES AS EXPRESSED IN [ ] PL-1 [ ] ALGOL [ ] COBOL [X] 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

5. RECORDING MODE
[ ] BCD [ ] BINARY
[X] ASCII [ ] EBCDIC
[ ] _____

6. NUMBER OF TRACKS (CHANNELS)
[ ] SEVEN
[X] NINE
[ ] _____

7. PARITY
[ ] ODD
[ ] EVEN

8. DENSITY
[ ] 200 BPI [ ] 1600 BPI
[ ] 556 BPI
[X] 800 BPI
[ ] _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) [ ] 3/4 INCH
[X] NRZ1

10. END OF FILE MARK
[X] OCTAL 17
[ ] _____

11. PASTE-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*

Oregon State University
College of Oceanography
ASCII ODD Parity 800 BPI
9-track Code 1 Legs 3,8
Code 2 Legs 9,10,13

12. PHYSICAL BLOCK LENGTH IN BYTES
3500 (35 char/rec. 100 rec/block)

13. LENGTH OF BYTES IN BITS
8

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
DESCRIPTION 1ST HEADER RECORD					(All fields right justified)
BLANK	1	1			BLANK
FIELD LABEL	2	5		5H	ALWAYS "SHIPb" (b = blank)
SHIP CODE	7	2		A2	2 CHAR. SHIP CODE AT = ATLANTIC II, KN = KNORR WC = WECOMA
FIELD LABEL	9	7		7H	ALWAYS "bCRUISb"
CRUISE NUMBER	16	3		I3	CRUISE NO.
FIELD LABEL	19	6		6H	ALWAYS "bSTAT:"
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 "DATEb" (b = 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:b"
TIME	23	4		I4	TIME GMT 24 HR. CLOCK
TIME LABEL	27	2		H2	ALWAYS "bZ" 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 _____ (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
DESCRIPTION 3RD HEADER RECORD					(All fields right justified)
BLANK	1	1			BLANK
FIELD LABEL	2	4		4H	ALWAYS "LATb" (b = 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 "bLGb"
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.bPRES=" (b=blank)
MAX.PRESSURE	11	6		F6.0	MAXIMUM PRESSURE REACHED BY THE CTD CAST, PRESSURE IN DECIBARS
FIELD LABEL	17	11		11H	ALWAYS "bDBbbDEPTH="
DEPTH TO BOTTOM	28	6		F6.0	WATER DEPTH IN METERS
DEPTH LABEL	34	2		2H	ALWAYS "bM" M = Meters
	TOTAL =	35			
DESCRIPTION 5th HEADER RECORD					(All fields right justified)
BLANK	1	1			BLANK
FIELD LABEL	2	5		5H	ALWAYS "AVERb" (b = blank)
AVERAGING INTERVAL	7	5		F5.1	ALL DATA REDUCED TO A COMMON REPORTING INTERVAL, IN DECIBARS
FIELD LABEL	12	6		6H	ALWAYS "bINSTb"
INSTRUMENT NO.	18	4		I4	CTD INSTRUMENT NO.
FIELD LABEL	22	6		6H	ALWAYS "bRATEb"
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 _____ (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
DESCRIPTION 6TH HEADER RECORD					
BLANK	1	1			BLANK
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			
DESCRIPTION 7th HEADER RECORD					
IF TAPE IS DUMPED, THIS RECORD PROVIDES COLUMN HEADING ON LISTING, CONTAINS NO STATION INFORMATION - SEE SAMPLE LISTING, NEXT PAGE.					
DESCRIPTION DATA RECORD					
	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	QUALITY CONTROL CODE NOT USED - ALWAYS 1.

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING

SHIP WC CRUIS STAT: 1 C#:
DATE 81- 4-20 TIME: 2145 Z
LAT 38 34.30 LG -123 32.50
MAX. PRS= 129. DB DEPTH= 132. M
AVER 1.0 INST 2567 RATE 31.25HZ
OBS= 129 FMT(F7.1,2F8.4,F6.2,I6)

PRES	TEMP	SALT	OXYG	QUAL
1.0	9.2749	33.8699	-9.99	1
2.0	9.2743	33.8699	-9.99	1
3.0	9.2722	33.8696	-9.99	1
4.0	9.2475	33.8701	-9.99	1
5.0	9.2220	33.8717	-9.99	1
6.0	9.1948	33.8706	-9.99	1
7.0	9.2027	33.8683	-9.99	1
8.0	9.1755	33.8712	-9.99	1
9.0	9.1471	33.8718	-9.99	1
10.0	9.0875	33.8772	-9.99	1
11.0	9.0326	33.8835	-9.99	1
12.0	8.9932	33.8854	-9.99	1
13.0	8.8820	33.8994	-9.99	1
14.0	8.9077	33.8926	-9.99	1
15.0	8.8388	33.8999	-9.99	1
16.0	8.8129	33.9014	-9.99	1
17.0	8.8005	33.9020	-9.99	1
18.0	8.7727	33.9066	-9.99	1
19.0	8.7578	33.9069	-9.99	1
20.0	8.7335	33.9085	-9.99	1
21.0	8.7271	33.9076	-9.99	1
22.0	8.7240	33.9106	-9.99	1
23.0	8.7164	33.9112	-9.99	1
24.0	8.7094	33.9119	-9.99	1
25.0	8.7000	33.9127	-9.99	1
26.0	8.6775	33.9140	-9.99	1
27.0	8.6606	33.9149	-9.99	1
28.0	8.6558	33.9139	-9.99	1
29.0	8.6545	33.9148	-9.99	1
30.0	8.6457	33.9155	-9.99	1
31.0	8.6312	33.9167	-9.99	1

Tape Directory

1	SHIP	WC	CRUIS	C1L3	STA:	1
2	SHIP	WC	CRUIS	C1L3	STA:	2
3	SHIP	WC	CRUIS	C1L3	STA:	3
4	SHIP	WC	CRUIS	C1L3	STA:	4
5	SHIP	WC	CRUIS	C1L3	STA:	5
6	SHIP	WC	CRUIS	C1L3	STA:	6
7	SHIP	WC	CRUIS	C1L3	STA:	7
8	SHIP	WC	CRUIS	C1L3	STA:	8
9	SHIP	WC	CRUIS	C1L3	STA:	9
10	SHIP	WC	CRUIS	C1L3	STA:	10
11	SHIP	WC	CRUIS	C1L3	STA:	11
12	SHIP	WC	CRUIS	C1L3	STA:	12
13	SHIP	WC	CRUIS	C1L3	STA:	13
14	SHIP	WC	CRUIS	C1L3	STA:	14
15	SHIP	WC	CRUIS	C1L3	STA:	15
16	SHIP	WC	CRUIS	C1L3	STA:	16
17	SHIP	WC	CRUIS	C1L8	STA:	1
18	SHIP	WC	CRUIS	C2L10	STA:	1
19	SHIP	WC	CRUIS	C2L10	STA:	2
20	SHIP	WC	CRUIS	C2L10	STA:	3
21	SHIP	WC	CRUIS	C2L10	STA:	4
22	SHIP	WC	CRUIS	C2L10	STA:	5
23	SHIP	WC	CRUIS	C2L10	STA:	6
24	SHIP	WC	CRUIS	C2L10	STA:	7
25	SHIP	WC	CRUIS	C2L10	STA:	8
26	SHIP	WC	CRUIS	C2L10	STA:	9
27	SHIP	WC	CRUIS	C2L13	STA:	1
28	SHIP	WC	CRUIS	C2L13	STA:	2
29	SHIP	WC	CRUIS	C2L13	STA:	3
30	SHIP	WC	CRUIS	C2L13	STA:	4
31	SHIP	WC	CRUIS	C2L13	STA:	5
32	SHIP	WC	CRUIS	C2L13	STA:	6
33	SHIP	WC	CRUIS	C2L13	STA:	7
34	SHIP	WC	CRUIS	C2L13	STA:	9
35	SHIP	WC	CRUIS	C2L13	STA:	10
36	SHIP	WC	CRUIS	C2L13	STA:	11
37	SHIP	WC	CRUIS	C2L13	STA:	12
38	SHIP	WC	CRUIS	C2L13	STA:	13
39	SHIP	WC	CRUIS	C2L13	STA:	14
40	SHIP	WC	CRUIS	C2L13	STA:	16
41	SHIP	WC	CRUIS	C2L13	STA:	17
42	SHIP	WC	CRUIS	C2L13	STA:	18
43	SHIP	WC	CRUIS	C2L13	STA:	19
44	SHIP	WC	CRUIS	C2L13	STA:	20
45	SHIP	WC	CRUIS	C2L13	STA:	21
46	SHIP	WC	CRUIS	C2L13	STA:	22
47	SHIP	WC	CRUIS	C2L13	STA:	23
48	SHIP	WC	CRUIS	C2L13	STA:	24
49	SHIP	WC	CRUIS	C2L9	STA:	1
50	SHIP	WC	CRUIS	C2L9	STA:	2
51	SHIP	WC	CRUIS	C2L9	STA:	3
52	SHIP	WC	CRUIS	C2L9	STA:	4
53	SHIP	WC	CRUIS	C2L9	STA:	5
54	SHIP	WC	CRUIS	C2L9	STA:	6
55	SHIP	WC	CRUIS	C2L9	STA:	7
56	SHIP	WC	CRUIS	C2L9	STA:	8
57	SHIP	WC	CRUIS	C2L9	STA:	9
58	SHIP	WC	CRUIS	C2L9	STA:	10
59	SHIP	WC	CRUIS	C2L9	STA:	11
60	SHIP	WC	CRUIS	C2L9	STA:	12
61	SHIP	WC	CRUIS	C2L9	STA:	13
62	SHIP	WC	CRUIS	C2L9	STA:	14
63	SHIP	WC	CRUIS	C2L9	STA:	15
64	SHIP	WC	CRUIS	C2L9	STA:	16
65	SHIP	WC	CRUIS	C2L9	STA:	17
66	SHIP	WC	CRUIS	C2L9	STA:	18
67	SHIP	WC	CRUIS	C2L9	STA:	19
68	SHIP	WC	CRUIS	C2L9	STA:	20
69	SHIP	WC	CRUIS	C2L9	STA:	21
70	SHIP	WC	CRUIS	C2L9	STA:	22
71	SHIP	WC	CRUIS	C2L9	STA:	23
72	SHIP	WC	CRUIS	C2L9	STA:	24
73	SHIP	WC	CRUIS	C2L9	STA:	25
74	SHIP	WC	CRUIS	C2L9	STA:	26
75	SHIP	WC	CRUIS	C2L9	STA:	27
76	SHIP	WC	CRUIS	C2L9	STA:	28
77	SHIP	WC	CRUIS	C2L9	STA:	29
78	SHIP	WC	CRUIS	C2L9	STA:	30
79	SHIP	WC	CRUIS	C2L9	STA:	31
80	SHIP	WC	CRUIS	C2L9	STA:	32
81	SHIP	WC	CRUIS	C2L9	STA:	33
82	SHIP	WC	CRUIS	C2L9	STA:	34
83	SHIP	WC	CRUIS	C2L9	STA:	35
84	SHIP	WC	CRUIS	C2L9	STA:	36
85	SHIP	WC	CRUIS	C2L9	STA:	37
86	SHIP	WC	CRUIS	C2L9	STA:	38
87	SHIP	WC	CRUIS	C2L9	STA:	39
88	SHIP	WC	CRUIS	C2L9	STA:	40
89	SHIP	WC	CRUIS	C2L9	STA:	41
90	SHIP	WC	CRUIS	C2L9	STA:	42
91	SHIP	WC	CRUIS	C2L9	STA:	43
92	SHIP	WC	CRUIS	C2L9	STA:	44
93	SHIP	WC	CRUIS	C2L9	STA:	45
94	SHIP	WC	CRUIS	C2L9	STA:	46
95	SHIP	WC	CRUIS	C2L9	STA:	47
96	SHIP	WC	CRUIS	C2L9	STA:	48
97	SHIP	WC	CRUIS	C2L9	STA:	49
98	SHIP	WC	CRUIS	C2L9	STA:	50
99	SHIP	WC	CRUIS	C2L9	STA:	51
100	SHIP	WC	CRUIS	C2L9	STA:	52
101	SHIP	WC	CRUIS	C2L9	STA:	53
102	SHIP	WC	CRUIS	C2L9	STA:	54
103	SHIP	WC	CRUIS	C2L9	STA:	55
104	SHIP	WC	CRUIS	C2L9	STA:	56
105	SHIP	WC	CRUIS	C2L9	STA:	57
106	SHIP	WC	CRUIS	C2L9	STA:	58
107	SHIP	WC	CRUIS	C2L9	STA:	59
108	SHIP	WC	CRUIS	C2L9	STA:	60
109	SHIP	WC	CRUIS	C2L9	STA:	61
110	SHIP	WC	CRUIS	C2L9	STA:	62
111	SHIP	WC	CRUIS	C2L9	STA:	63
112	SHIP	WC	CRUIS	C2L9	STA:	64
113	SHIP	WC	CRUIS	C2L9	STA:	65
114	SHIP	WC	CRUIS	C2L9	STA:	66
115	SHIP	WC	CRUIS	C2L9	STA:	67
116	SHIP	WC	CRUIS	C2L9	STA:	68
117	SHIP	WC	CRUIS	C2L9	STA:	69
118	SHIP	WC	CRUIS	C2L9	STA:	70
119	SHIP	WC	CRUIS	C2L9	STA:	71
120	SHIP	WC	CRUIS	C2L9	STA:	72
121	SHIP	WC	CRUIS	C2L9	STA:	73
122	SHIP	WC	CRUIS	C2L9	STA:	74
123	SHIP	WC	CRUIS	C2L9	STA:	75
124	SHIP	WC	CRUIS	C2L9	STA:	76
125	SHIP	WC	CRUIS	C2L9	STA:	77
126	SHIP	WC	CRUIS	C2L9	STA:	78
127	SHIP	WC	CRUIS	C2L9	STA:	79
128	SHIP	WC	CRUIS	C2L9	STA:	80
129	SHIP	WC	CRUIS	C2L9	STA:	81

130	SHIP	WC	CRUIS	C2L9	STA: 82
131	SHIP	WC	CRUIS	C2L9	STA: 83
132	SHIP	WC	CRUIS	C2L9	STA: 84
133	SHIP	WC	CRUIS	C2L9	STA: 85
134	SHIP	WC	CRUIS	C2L9	STA: 86
135	SHIP	WC	CRUIS	C2L9	STA: 87
136	SHIP	WC	CRUIS	C2L9	STA: 88
137	SHIP	WC	CRUIS	C2L9	STA: 89
138	SHIP	WC	CRUIS	C2L9	STA: 90
139	SHIP	WC	CRUIS	C2L9	STA: 91
140	SHIP	WC	CRUIS	C2L9	STA: 92
141	SHIP	WC	CRUIS	C2L9	STA: 93
142	SHIP	WC	CRUIS	C2L9	STA: 94
143	SHIP	WC	CRUIS	C2L9	STA: 95
144	SHIP	WC	CRUIS	C2L9	STA: 96
145	SHIP	WC	CRUIS	C2L9	STA: 97
146	SHIP	WC	CRUIS	C2L9	STA: 98
147	SHIP	WC	CRUIS	C2L9	STA: 99
148	SHIP	WC	CRUIS	C2L9	STA: 100
149	SHIP	WC	CRUIS	C2L9	STA: 101
150	SHIP	WC	CRUIS	C2L9	STA: 102
151	SHIP	WC	CRUIS	C2L9	STA: 103
152	SHIP	WC	CRUIS	C2L9	STA: 104
153	SHIP	WC	CRUIS	C2L9	STA: 105
154	SHIP	WC	CRUIS	C2L9	STA: 106
155	SHIP	WC	CRUIS	C2L9	STA: 107
156	SHIP	WC	CRUIS	C2L9	STA: 108
157	SHIP	WC	CRUIS	C2L9	STA: 109
158	SHIP	WC	CRUIS	C2L9	STA: 110
159	SHIP	WC	CRUIS	C2L9	STA: 111
160	SHIP	WC	CRUIS	C2L9	STA: 112
161	SHIP	WC	CRUIS	C2L9	STA: 113
162	SHIP	WC	CRUIS	C2L9	STA: 114
163	SHIP	WC	CRUIS	C2L9	STA: 115
164	SHIP	WC	CRUIS	C2L9	STA: 116
165	SHIP	WC	CRUIS	C2L9	STA: 117
166	SHIP	WC	CRUIS	C2L9	STA: 118
167	SHIP	WC	CRUIS	C2L9	STA: 119
168	SHIP	WC	CRUIS	C2L9	STA: 120
169	SHIP	WC	CRUIS	C2L9	STA: 121
170	SHIP	WC	CRUIS	C2L9	STA: 122
171	SHIP	WC	CRUIS	C2L9	STA: 123
172	SHIP	WC	CRUIS	C2L9	STA: 124
173	SHIP	WC	CRUIS	C2L9	STA: 125
174	SHIP	WC	CRUIS	C2L9	STA: 126
175	SHIP	WC	CRUIS	C2L9	STA: 127
176	SHIP	WC	CRUIS	C2L9	STA: 128
177	SHIP	WC	CRUIS	C2L9	STA: 129
178	SHIP	WC	CRUIS	C2L9	STA: 130
179	SHIP	WC	CRUIS	C2L9	STA: 131
180	SHIP	WC	CRUIS	C2L9	STA: 132
181	SHIP	WC	CRUIS	C2L9	STA: 133
182	SHIP	WC	CRUIS	C2L9	STA: 134
183	SHIP	WC	CRUIS	C2L9	STA: 135
184	SHIP	WC	CRUIS	C2L9	STA: 136
185	SHIP	WC	CRUIS	C2L9	STA: 137
186	SHIP	WC	CRUIS	C2L9	STA: 138
187	SHIP	WC	CRUIS	C2L9	STA: 139
188	SHIP	WC	CRUIS	C2L9	STA: 140
189	SHIP	WC	CRUIS	C2L9	STA: 141
190	SHIP	WC	CRUIS	C2L9	STA: 142
191	SHIP	WC	CRUIS	C2L9	STA: 143
192	SHIP	WC	CRUIS	C2L9	STA: 144
193	SHIP	WC	CRUIS	C2L9	STA: 145
194	SHIP	WC	CRUIS	C2L9	STA: 146
195	SHIP	WC	CRUIS	C2L9	STA: 147

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 CALIBRATED
		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 CTD Model Mark III	Nov 1980 Nov 1982			XX					
	TEMPERATURE AND CONDUCTIVITY CALIBRATED FROM IN SITU CAST DATA.								

NOAA FORM 24-18

TAPE ASSIGNMENT SHEET

ACCESSION NO 840012/ TRACK NO(s) TT1767

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	OSUCTD	NL	35	3500	FB	
Duplicate	W11479	SL	35	3500	FB	*
Reformatted	W13462	SL	120	224	SDF	**
First User						
Final User						
*	LABEL = DNOD*84NODC187-01.					
**	LABEL = DNODC*FMWHOI13.					

DATA SET ROUTE SHEET

ACCESSION/TRACK # 84Ø0121

TT1767

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	7/12/84	FJM	OSUCTD	195	3500	35	
QUADI/SCAN TAPE #	9/12/84	FJM	W11479	195(16)	3500	35	
ASSIGNED FOR PROCESS.	9/12/84	FJM	W13462	1	224	120	435
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"							

DATA SET ROUTE SHEET

ACCESSION/TRACK # 840012/

TT1768

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	7/12/84	FDM	DSUCTD	195	3500	35	
QUADI/SCAN TAPE #	9/12/84	↓	W11479	195(1)	↓	↓	
ASSIGNED FOR PROCESS.	9/12/84	↓	W13447	1	224	120	28
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"							

TAPE ASSIGNMENT SHEET

ACCESSION NO 840012/1 TRACK NO(s) TT 1768

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	OSUCTD [redacted]	NL	35	3500	FB	
Duplicate	W11479	SL	35	↓	FB	*
Reformatted	[redacted] W13447	SL	120	224	SDF	**
First User						
Final User						
*	LABEL=DNOD*84			NODC187-01.		
**	LABEL=DNODC*F			MWH0I14.		

TAPE ASSIGNMENT SHEET

ACCESSION NO 840121 TRACK NO(s) TT1769

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	OSUCTD	NL	35	3500	FB	
Duplicate	W11479	SL	35	3500	FB	*
Reformatted	W04352	SL	120	224	SDF	**
First User						
Final User						
*	LABEL = DNOD*8			4NOD	C187	01.
**	LABEL = DNODC*			FMWHOI	17.	

DATA SET ROUTE SHEET

ACCESSION/TRACK # 8400121

[redacted] TT1769

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	7/2/84	FJM	OSUCTD	195	3500	35	
QUADI/SCAN TAPE #	9/12/84	↓	W11479	195(147)	3500	35	
ASSIGNED FOR PROCESS.	9/12/84	↓	W04352	1	224	120	12,646
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"							

DATA SET ROUTE SHEET

ACCESSION/TRACK # 8400121

TT1779

Step	Completion Date/Init.	Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	7/12/84 FJM	OSUCTD	195	3500	35	
QUADI/SCAN TAPE #	9/12/84	W11479	195(9)	3500	35	
ASSIGNED FOR PROCESS.	9/22/84	WP2342	1	224	120	236
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"						

TAPE ASSIGNMENT SHEET

ACCESSION NO 8400121 TRACK NO(s) TT1770

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator [redacted]	OSUCTD	NL	35	3500	FB	
Duplicate	W11479	SL	↓	↓	↓	*
Reformatted	W02342	SL	120	224	SDF	**
First User						
Final User						
*	LABEL=DNOD*84NOOC187-01.					
**	LABEL=DNOOC*FMWHOI15.					

TAPE ASSIGNMENT SHEET

ACCESSION NO 840121 TRACK NO(s) TT1771

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	OSUCTD	NL	35	3500	FB	
Duplicate	W11479	SL	35	3500	FB	*
Reformatted	W04858	SL	120	224	SDF	**
First User						
Final User						
*	LABEL = DN00*84N00C187-01					
**	LABEL = DN00C*FMWH-0I16,					

DATA SET ROUTE SHEET

ACCESSION/TRACK # 840012/

TT1771

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	7/12/84	FJM	OSUCTD	195	3500	35	
QUADI/SCAN TAPE #	9/12/84	↓	W11479	195(22)	3500	35	
ASSIGNED FOR PROCESS.	9/12/84	↓	W04858	1	224	120	867
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"							

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8400121

1) File Type: F022

2) Project Ident.: CODE

3) Track Nos.: TT1767 - 71

I. Error Corrections as reported to Principal Investigator:

Error	Correction Completed (Check)

II. Additional error corrections:

Error	Correction Completed (Check)

III. Processor Name: _____

Tape Directory

1	SHIP	WC	CRUIS	C1L3	STA:	1
2	SHIP	WC	CRUIS	C1L3	STA:	2
3	SHIP	WC	CRUIS	C1L3	STA:	3
4	SHIP	WC	CRUIS	C1L3	STA:	4
5	SHIP	WC	CRUIS	C1L3	STA:	5
6	SHIP	WC	CRUIS	C1L3	STA:	6
7	SHIP	WC	CRUIS	C1L3	STA:	7
8	SHIP	WC	CRUIS	C1L3	STA:	8
9	SHIP	WC	CRUIS	C1L3	STA:	9
10	SHIP	WC	CRUIS	C1L3	STA:	10
11	SHIP	WC	CRUIS	C1L3	STA:	11
12	SHIP	WC	CRUIS	C1L3	STA:	12
13	SHIP	WC	CRUIS	C1L3	STA:	13
14	SHIP	WC	CRUIS	C1L3	STA:	14
15	SHIP	WC	CRUIS	C1L3	STA:	15
16	SHIP	WC	CRUIS	C1L3	STA:	16
17	SHIP	WC	CRUIS	C1L8	STA:	1
18	SHIP	WC	CRUIS	C2L10	STA:	1
19	SHIP	WC	CRUIS	C2L10	STA:	2
20	SHIP	WC	CRUIS	C2L10	STA:	3
21	SHIP	WC	CRUIS	C2L10	STA:	4
22	SHIP	WC	CRUIS	C2L10	STA:	5
23	SHIP	WC	CRUIS	C2L10	STA:	6
24	SHIP	WC	CRUIS	C2L10	STA:	7
25	SHIP	WC	CRUIS	C2L10	STA:	8
26	SHIP	WC	CRUIS	C2L10	STA:	9
27	SHIP	WC	CRUIS	C2L13	STA:	1
28	SHIP	WC	CRUIS	C2L13	STA:	2
29	SHIP	WC	CRUIS	C2L13	STA:	3
30	SHIP	WC	CRUIS	C2L13	STA:	4
31	SHIP	WC	CRUIS	C2L13	STA:	5
32	SHIP	WC	CRUIS	C2L13	STA:	6
33	SHIP	WC	CRUIS	C2L13	STA:	7
34	SHIP	WC	CRUIS	C2L13	STA:	9
35	SHIP	WC	CRUIS	C2L13	STA:	10
36	SHIP	WC	CRUIS	C2L13	STA:	11
37	SHIP	WC	CRUIS	C2L13	STA:	12
38	SHIP	WC	CRUIS	C2L13	STA:	13
39	SHIP	WC	CRUIS	C2L13	STA:	14
40	SHIP	WC	CRUIS	C2L13	STA:	16
41	SHIP	WC	CRUIS	C2L13	STA:	17
42	SHIP	WC	CRUIS	C2L13	STA:	18
43	SHIP	WC	CRUIS	C2L13	STA:	19
44	SHIP	WC	CRUIS	C2L13	STA:	20
45	SHIP	WC	CRUIS	C2L13	STA:	21
46	SHIP	WC	CRUIS	C2L13	STA:	22
47	SHIP	WC	CRUIS	C2L13	STA:	23
48	SHIP	WC	CRUIS	C2L13	STA:	24
49	SHIP	WC	CRUIS	C2L9	STA:	1
50	SHIP	WC	CRUIS	C2L9	STA:	2
51	SHIP	WC	CRUIS	C2L9	STA:	3
52	SHIP	WC	CRUIS	C2L9	STA:	4
53	SHIP	WC	CRUIS	C2L9	STA:	5
54	SHIP	WC	CRUIS	C2L9	STA:	6
55	SHIP	WC	CRUIS	C2L9	STA:	7
56	SHIP	WC	CRUIS	C2L9	STA:	8
57	SHIP	WC	CRUIS	C2L9	STA:	9
58	SHIP	WC	CRUIS	C2L9	STA:	10
59	SHIP	WC	CRUIS	C2L9	STA:	11
60	SHIP	WC	CRUIS	C2L9	STA:	12
61	SHIP	WC	CRUIS	C2L9	STA:	13
62	SHIP	WC	CRUIS	C2L9	STA:	14
63	SHIP	WC	CRUIS	C2L9	STA:	15
64	SHIP	WC	CRUIS	C2L9	STA:	16
65	SHIP	WC	CRUIS	C2L9	STA:	17
66	SHIP	WC	CRUIS	C2L9	STA:	18
67	SHIP	WC	CRUIS	C2L9	STA:	19
68	SHIP	WC	CRUIS	C2L9	STA:	20
69	SHIP	WC	CRUIS	C2L9	STA:	21
70	SHIP	WC	CRUIS	C2L9	STA:	22
71	SHIP	WC	CRUIS	C2L9	STA:	23
72	SHIP	WC	CRUIS	C2L9	STA:	24
73	SHIP	WC	CRUIS	C2L9	STA:	25
74	SHIP	WC	CRUIS	C2L9	STA:	26
75	SHIP	WC	CRUIS	C2L9	STA:	27
76	SHIP	WC	CRUIS	C2L9	STA:	28
77	SHIP	WC	CRUIS	C2L9	STA:	29
78	SHIP	WC	CRUIS	C2L9	STA:	30

84NODC187 | ACCESSION NUMBER 8400124

DATA DOCUMENTATION FORM 329328-9332

NOAA FORM 24-13
(4-77)

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. 41-R2651
EXPIRES 1-81

(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

COLLEGE OF OCEANOGRAPHY
OREGON STATE UNIVERSITY
CORVALLIS, ORE 97331

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Code 1 Legs 1, 8
Code 2 Legs 9, 10, 13

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 3

Code 1 Legs 1,8
Code 2 Legs 9, 10, 13

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
R/V Wecoma	Oregon State University

7. DATES

FROM: MO/DAY/YR	TO: MO/DAY/YR
4/20/81	4/21/81*
7/19/81	7/19/81**
7/14/82	7/27/82***
8/3/82	8/19/82****

8. ARE DATA PROPRIETARY?

☒ NO ☐ YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR____ MONTH____

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

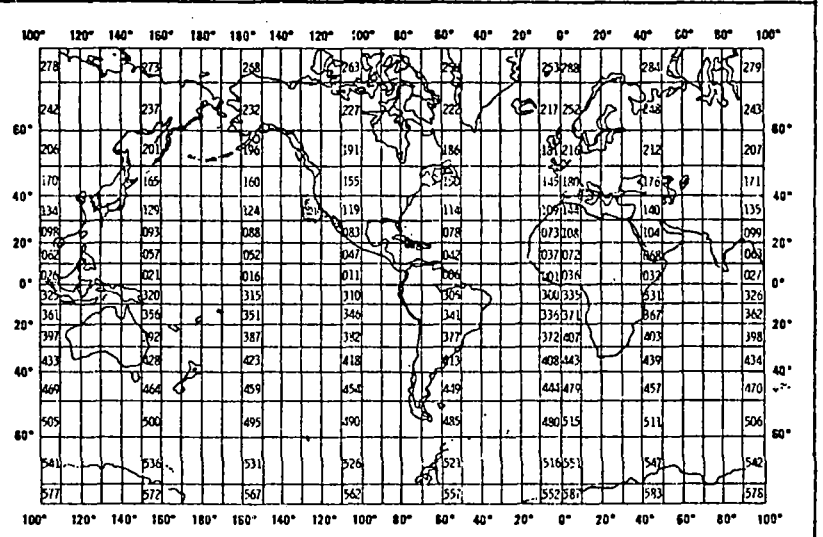
☐ NO ☒ YES ☐ PART *(SPECIFY BELOW)*

10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER *(AND ADDRESS IF OTHER THAN IN ITEM-1)*

Dr. Jane Huyer
(503) 754-2108

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

* CODE 1, LEG 1 = 329328
** CODE 1, LEG 8 = 329329
*** CODE 2, LEG 9 = 329330
**** CODE 2, LEG 10 329331
GENERAL AREA CODE 2, LEG 13 = 329332



NOAA FORM 24-13

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 CTD Model Mark IIIb	See attached sheets	values averaged over on db intervals
Temperature	°C	" "	" " "	" "
Salinity	°/oo	" "	" " "	" "

Following is a description of the format of the accompanying magnetic tapes. The format is OSU's version of the WHOI/NODC Exchange format as proposed by George Heimerdinger at WHOI (617-548-1400) and implemented by Rich Schramm at OSU (503-754-3708). We have tried to follow the proposed format with only the slight modifications as indicated below.

THE TAPE.

The tape is a 9-Track, 800 BPI, NRZ1 format tape. Data are encoded as eight bit ASCII characters with odd parity. The tape contains many casts, with one cast per tape file. Files are separated by a single EOF (End-of File) mark. The last file of the tape is followed by a double EOF.

A file contains many records, each 35 characters long. Records are blocked in groups of 100 to give a physical block length of 3500 characters As the last block will most likley contain fewer than 100 records, the last block is padded to 3500 using the ASCII 'Null' character (decimal 0).

THE FILE FORMAT

The first seven records contain the basic station information as described in the attached 'RECORD FORMAT DESCRIPTION'. This information is followed by 'n' data records (variable length files).

EXCEPTIONS/MODIFICATIONS TO WHOI/NODC EXCHANGE FORMAT.

- The quality word is not used and is always 1.

- The cruise number is blank as OSU does not number cruises sequentially. The cruise designation can be obtained from the directory accompanying the tape.

- If dissolved oxygen is not present it is set to -9.99 . Dissolved oxygen was not a measured parameter on the CODE cruises.

- To avoid odd or variable length blocks, the last block of a file containing fewer than 100 records is padded to 3500 characters using the ASCII 'Null' (decimal 0) character.

NOAA FORM 24-13

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 contains the basis 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 Ø).

3. ATTRIBUTES AS EXPRESSED IN [ ] PL-1 [ ] ALGOL [ ] COBOL [X] 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

5. RECORDING MODE
[ ] BCD [ ] BINARY
[X] ASCII [ ] EBCDIC
[ ] _____

6. NUMBER OF TRACKS (CHANNELS)
[ ] SEVEN
[X] NINE
[ ] _____

7. PARITY
[ ] ODD
[ ] EVEN

8. DENSITY
[ ] 200 BPI [ ] 1600 BPI
[ ] 556 BPI
[X] 800 BPI
[ ] _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN)
[ ] 3/4 INCH
[X] NRZ1

10. END OF FILE MARK
[X] OCTAL 17
[ ] _____

11. PASTE-ON-PAPER LABEL DESCRIPTION (*INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER*)

Oregon State University
College of Oceanography
ASCII ODD Parity 800 BPI
9-track Code 1 Legs 3,8
Code 2 Legs 9,10,13

12. PHYSICAL BLOCK LENGTH IN BYTES
3500 (35 char/rec. 100 rec/block)

13. LENGTH OF BYTES IN BITS
8

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
DESCRIPTION 1ST HEADER RECORD					(All fields right justified)
BLANK	1	1			BLANK
FIELD LABEL	2	5		5H	ALWAYS "SHIPb" (b = blank)
SHIP CODE	7	2		A2	2 CHAR. SHIP CODE AT = ATLANTIC II, KN = KNORR WC = WECOMA
FIELD LABEL	9	7		7H	ALWAYS "bCRUISb"
CRUISE NUMBER	16	3		I3	CRUISE NO.
FIELD LABEL	19	6		6H	ALWAYS "bSTAT:"
STATION NUMBER	25	4		I4	STATION NO.
BLANK	29	1			BLANK
FIELD LABEL	30	3		3H	ALWAYS "G#:"
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 "DATEb" (b = 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:b"
TIME	23	4		I4	TIME GMT 24 HR. CLOCK
TIME LABEL	27	2		H2	ALWAYS "bZ" 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 _____ (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
DESCRIPTION 3RD HEADER RECORD					(All fields right justified)
BLANK	1	1			BLANK
FIELD LABEL	2	4		4H	ALWAYS "LATb" (b = 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 "bLGb"
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.bPRES=" (b=blank)
MAX.PRESSURE	11	6		F6.0	MAXIMUM PRESSURE REACHED BY THE CTD CAST, PRESSURE IN DECIBARS
FIELD LABEL	17	11		11H	ALWAYS "bDBbbDEPTH="
DEPTH TO BOTTOM	28	6		F6.0	WATER DEPTH IN METERS
DEPTH LABEL	34	2		2H	ALWAYS "bM" M = Meters
	TOTAL =	35			
DESCRIPTION 5th HEADER RECORD					(All fields right justified)
BLANK	1	1			BLANK
FIELD LABEL	2	5		5H	ALWAYS "AVERb" (b = blank)
AVERAGING INTERVAL	7	5		F5.1	ALL DATA REDUCED TO A COMMON REPORTING INTERVAL, IN DECIBARS
FIELD LABEL	12	6		6H	ALWAYS "bINSTb"
INSTRUMENT NO.	18	4		I4	CTD INSTRUMENT NO.
FIELD LABEL	22	6		6H	ALWAYS "bRATEb"
SAMPLING RATE	28	6		F6.2	SAMPLING RATE IN HERTZ (SAMPLES/SECOND), TO HUNDREDTHS
UNITS LABEL	34	2			ALWAYS "HZ"
	TOTAL =	35			

NOAA FORM 24-13

Directory

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
DESCRIPTION 6TH HEADER RECORD					
BLANK	1	1			BLANK
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 "ØFMT" MEANING FORMAT
FORTRAN FORMAT	16	20		H20	ALWAYS "(F7.1,2F8.4, F6.2,I6)"
	TOTAL =	35			
DESCRIPTION 7th HEADER RECORD					
IF TAPE IS DUMPED, THIS RECORD PROVIDES COLUMN HEADING ON LISTING, CONTAINS NO STATION INFORMATION - SEE SAMPLE LISTING, NEXT PAGE.					
DESCRIPTION DATA RECORD					
	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	QUALITY CONTROL CODE NOT USED - ALWAYS 1.

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING

```
SHIP WC CRUIS      STAT:   1 C#:
DATE 81- 4-20  TIME: 2145 Z
LAT  38 34.30 LG -123 32.50
MAX. PRS=  129. DB  DEPTH=  132. M
AVER   1.0 INST 2567 RATE  31.25HZ
OBS=   129 FMT(F7.1,2F8.4,F6.2,I6)
 PRES     TEMP     SALT    OXYG  QUAL
   1.0  9.2749 33.8699 -9.99     1
   2.0  9.2743 33.8699 -9.99     1
   3.0  9.2722 33.8696 -9.99     1
   4.0  9.2475 33.8701 -9.99     1
   5.0  9.2220 33.8717 -9.99     1
   6.0  9.1948 33.8706 -9.99     1
   7.0  9.2027 33.8683 -9.99     1
   8.0  9.1755 33.8712 -9.99     1
   9.0  9.1471 33.8718 -9.99     1
  10.0  9.0875 33.8772 -9.99     1
  11.0  9.0326 33.8835 -9.99     1
  12.0  8.9932 33.8854 -9.99     1
  13.0  8.8820 33.8994 -9.99     1
  14.0  8.9077 33.8926 -9.99     1
  15.0  8.8388 33.8999 -9.99     1
  16.0  8.8129 33.9014 -9.99     1
  17.0  8.8005 33.9020 -9.99     1
  18.0  8.7727 33.9066 -9.99     1
  19.0  8.7578 33.9069 -9.99     1
  20.0  8.7335 33.9085 -9.99     1
  21.0  8.7271 33.9076 -9.99     1
  22.0  8.7240 33.9106 -9.99     1
  23.0  8.7164 33.9112 -9.99     1
  24.0  8.7094 33.9119 -9.99     1
  25.0  8.7000 33.9127 -9.99     1
  26.0  8.6775 33.9140 -9.99     1
  27.0  8.6606 33.9149 -9.99     1
  28.0  8.6558 33.9139 -9.99     1
  29.0  8.6545 33.9148 -9.99     1
  30.0  8.6457 33.9155 -9.99     1
  31.0  8.6312 33.9167 -9.99     1
```

79	SHIP	WC	CRUIS	C2L9	STA:	31
80	SHIP	WC	CRUIS	C2L9	STA:	32
81	SHIP	WC	CRUIS	C2L9	STA:	33
82	SHIP	WC	CRUIS	C2L9	STA:	34
83	SHIP	WC	CRUIS	C2L9	STA:	35
84	SHIP	WC	CRUIS	C2L9	STA:	36
85	SHIP	WC	CRUIS	C2L9	STA:	37
86	SHIP	WC	CRUIS	C2L9	STA:	38
87	SHIP	WC	CRUIS	C2L9	STA:	39
88	SHIP	WC	CRUIS	C2L9	STA:	40
89	SHIP	WC	CRUIS	C2L9	STA:	41
90	SHIP	WC	CRUIS	C2L9	STA:	42
91	SHIP	WC	CRUIS	C2L9	STA:	43
92	SHIP	WC	CRUIS	C2L9	STA:	44
93	SHIP	WC	CRUIS	C2L9	STA:	45
94	SHIP	WC	CRUIS	C2L9	STA:	46
95	SHIP	WC	CRUIS	C2L9	STA:	47
96	SHIP	WC	CRUIS	C2L9	STA:	48
97	SHIP	WC	CRUIS	C2L9	STA:	49
98	SHIP	WC	CRUIS	C2L9	STA:	50
99	SHIP	WC	CRUIS	C2L9	STA:	51
100	SHIP	WC	CRUIS	C2L9	STA:	52
101	SHIP	WC	CRUIS	C2L9	STA:	53
102	SHIP	WC	CRUIS	C2L9	STA:	54
103	SHIP	WC	CRUIS	C2L9	STA:	55
104	SHIP	WC	CRUIS	C2L9	STA:	56
105	SHIP	WC	CRUIS	C2L9	STA:	57
106	SHIP	WC	CRUIS	C2L9	STA:	58
107	SHIP	WC	CRUIS	C2L9	STA:	59
108	SHIP	WC	CRUIS	C2L9	STA:	60
109	SHIP	WC	CRUIS	C2L9	STA:	61
110	SHIP	WC	CRUIS	C2L9	STA:	62
111	SHIP	WC	CRUIS	C2L9	STA:	63
112	SHIP	WC	CRUIS	C2L9	STA:	64
113	SHIP	WC	CRUIS	C2L9	STA:	65
114	SHIP	WC	CRUIS	C2L9	STA:	66
115	SHIP	WC	CRUIS	C2L9	STA:	67
116	SHIP	WC	CRUIS	C2L9	STA:	68
117	SHIP	WC	CRUIS	C2L9	STA:	69
118	SHIP	WC	CRUIS	C2L9	STA:	70
119	SHIP	WC	CRUIS	C2L9	STA:	71
120	SHIP	WC	CRUIS	C2L9	STA:	72
121	SHIP	WC	CRUIS	C2L9	STA:	73
122	SHIP	WC	CRUIS	C2L9	STA:	74
123	SHIP	WC	CRUIS	C2L9	STA:	75
124	SHIP	WC	CRUIS	C2L9	STA:	76
125	SHIP	WC	CRUIS	C2L9	STA:	77
126	SHIP	WC	CRUIS	C2L9	STA:	78
127	SHIP	WC	CRUIS	C2L9	STA:	79
128	SHIP	WC	CRUIS	C2L9	STA:	80
129	SHIP	WC	CRUIS	C2L9	STA:	81
130	SHIP	WC	CRUIS	C2L9	STA:	82
131	SHIP	WC	CRUIS	C2L9	STA:	83
132	SHIP	WC	CRUIS	C2L9	STA:	84
133	SHIP	WC	CRUIS	C2L9	STA:	85
134	SHIP	WC	CRUIS	C2L9	STA:	86
135	SHIP	WC	CRUIS	C2L9	STA:	87
136	SHIP	WC	CRUIS	C2L9	STA:	88
137	SHIP	WC	CRUIS	C2L9	STA:	89
138	SHIP	WC	CRUIS	C2L9	STA:	90
139	SHIP	WC	CRUIS	C2L9	STA:	91
140	SHIP	WC	CRUIS	C2L9	STA:	92
141	SHIP	WC	CRUIS	C2L9	STA:	93
142	SHIP	WC	CRUIS	C2L9	STA:	94
143	SHIP	WC	CRUIS	C2L9	STA:	95
144	SHIP	WC	CRUIS	C2L9	STA:	96
145	SHIP	WC	CRUIS	C2L9	STA:	97
146	SHIP	WC	CRUIS	C2L9	STA:	98
147	SHIP	WC	CRUIS	C2L9	STA:	99
148	SHIP	WC	CRUIS	C2L9	STA:	100
149	SHIP	WC	CRUIS	C2L9	STA:	101
150	SHIP	WC	CRUIS	C2L9	STA:	102
151	SHIP	WC	CRUIS	C2L9	STA:	103
152	SHIP	WC	CRUIS	C2L9	STA:	104
153	SHIP	WC	CRUIS	C2L9	STA:	105
154	SHIP	WC	CRUIS	C2L9	STA:	106
155	SHIP	WC	CRUIS	C2L9	STA:	107
156	SHIP	WC	CRUIS	C2L9	STA:	108
157	SHIP	WC	CRUIS	C2L9	STA:	109
158	SHIP	WC	CRUIS	C2L9	STA:	110
159	SHIP	WC	CRUIS	C2L9	STA:	111
160	SHIP	WC	CRUIS	C2L9	STA:	112
161	SHIP	WC	CRUIS	C2L9	STA:	113
162	SHIP	WC	CRUIS	C2L9	STA:	114
163	SHIP	WC	CRUIS	C2L9	STA:	115
164	SHIP	WC	CRUIS	C2L9	STA:	116
165	SHIP	WC	CRUIS	C2L9	STA:	117
166	SHIP	WC	CRUIS	C2L9	STA:	118
167	SHIP	WC	CRUIS	C2L9	STA:	119
168	SHIP	WC	CRUIS	C2L9	STA:	120
169	SHIP	WC	CRUIS	C2L9	STA:	121
170	SHIP	WC	CRUIS	C2L9	STA:	122
171	SHIP	WC	CRUIS	C2L9	STA:	123
172	SHIP	WC	CRUIS	C2L9	STA:	124
173	SHIP	WC	CRUIS	C2L9	STA:	125
174	SHIP	WC	CRUIS	C2L9	STA:	126
175	SHIP	WC	CRUIS	C2L9	STA:	127
176	SHIP	WC	CRUIS	C2L9	STA:	128
177	SHIP	WC	CRUIS	C2L9	STA:	129
178	SHIP	WC	CRUIS	C2L9	STA:	130
179	SHIP	WC	CRUIS	C2L9	STA:	131
180	SHIP	WC	CRUIS	C2L9	STA:	132
181	SHIP	WC	CRUIS	C2L9	STA:	133
182	SHIP	WC	CRUIS	C2L9	STA:	134
183	SHIP	WC	CRUIS	C2L9	STA:	135
184	SHIP	WC	CRUIS	C2L9	STA:	136
185	SHIP	WC	CRUIS	C2L9	STA:	137
186	SHIP	WC	CRUIS	C2L9	STA:	138
187	SHIP	WC	CRUIS	C2L9	STA:	139
188	SHIP	WC	CRUIS	C2L9	STA:	140
189	SHIP	WC	CRUIS	C2L9	STA:	141
190	SHIP	WC	CRUIS	C2L9	STA:	142
191	SHIP	WC	CRUIS	C2L9	STA:	143
192	SHIP	WC	CRUIS	C2L9	STA:	144
193	SHIP	WC	CRUIS	C2L9	STA:	145
194	SHIP	WC	CRUIS	C2L9	STA:	146
195	SHIP	WC	CRUIS	C2L9	STA:	147

TAPE ASSIGNMENT SHEET

ACCESSION NO 840021

TRACK NO(s) [redacted]

329328

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	OSUCTD	NL	35	3500	FB	
Duplicate	W11479	SL	35	3500	FB	*
Reformatted	W13462	SL	120	224	SDF	* *
First User						
Final User						
*	LABEL = DNOD *84NOOC187-01.					
**	LABEL = DNODC * FM WHOI13.					

ACCESSION/TRACK # 8400121

[redacted]

329328

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	7/12/84	FJM	OSUCTD	195	3500	35	
QUADI/SCAN TAPE #	9/12/84	FJM	W11479	195(16)	3500	35	
ASSIGNED FOR PROCESS.	9/12/84	FJM	W13462	1	224	120	435
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"							

DATA SET ROUTE SHEET

ACCESSION/TRACK # 8400121

329329 [redacted]

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	7/12/84	FDM	DSUCTD	195	3500	35	
QUADI/SCAN TAPE #	9/12/84		W11479	195(1)	↓	↓	
ASSIGNED FOR PROCESS.	9/12/84	↓	W13447	1	224	120	28
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"							

TAPE ASSIGNMENT SHEET

ACCESSION NO 840012/ TRACK NO(s) 329329

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	OSUCTD [redacted]	NL	35	3500	FB	
Duplicate	W11479	SL	35	↓	FB	*
Reformatted	[redacted] W13447	SL	120	224	SDF	**
First User						
Final User						
*	LABEL=DNOD*84 NODC187-01.					
**	LABEL=DNODC*FMW1402-14.					

DATA SET ROUTE SHEET

ACCESSION/TRACK # 8400121

329330 [redacted]

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	7/2/84	FJM	OSUCTD	195	3500	35	
QUADI/SCAN TAPE #	9/12/84	↓	W11479	195(147)	3500	35	
ASSIGNED FOR PROCESS.	9/12/84	↓	W04352	1	224	120	12,646
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"							

TAPE ASSIGNMENT SHEET

329330

ACCESSION NO 8400121

TRACK NO(s) [redacted]

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	054CTD	NL	35	3500	FB	
Duplicate	W11479	*SL	35	3500	FB	*
Reformatted	W04352	SL	120	224	SDF	**
First User						
Final User						
*	LABEL = DN0D*8		4 NOD	C187	01.	
**	LABEL = DN0DC*		FMWH0	I 17.		

TAPE ASSIGNMENT SHEET

ACCESSION NO 8400121 TRACK NO(s) [redacted] 32933

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	OSUCID	NL	35	3500	FB	
Duplicate	W11479	SL	↓	↓	↓	*
Reformatted	W02342	SL	120	224	SDF	**
First User						
Final User						
*	LABEL=DNOD*84NODC187-01.					
**	LABEL=DNODC*FMWHOI15.					

DATA SET ROUTE SHEET

ACCESSION/TRACK # 8400121

329331 [redacted]

Step	Completion Date/Init.	Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	7/12/84 FJM	OSUCTD	195	3500	35	
QUADI/SCAN TAPE #	9/12/84	W11479	195(9)	3500	35	
ASSIGNED FOR PROCESS.	9/22/84	W02342	1	224	120	236
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"						

DATA SET ROUTE SHEET

ACCESSION/TRACK # 840012/

[redacted] 329332

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	7/12/84	FJM	OSUCTD	195	3500	35	
QUADI/SCAN TAPE #	9/12/84	↓	W11479	195(22)	3500	35	
ASSIGNED FOR PROCESS.	9/12/84	↓	W04858	1	224	120	~~867~~
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"							

TAPE ASSIGNMENT SHEET

ACCESSION NO 8400121 TRACK NO(s) [redacted] 329332

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	OSUCTD	NL	35	3500	FB	
Duplicate	W11479	SL	35	3500	FB	*
Reformatted	W04858	SL	120	224	SDF	**
First User						
Final User						
*	LABEL = DN00*84N00C187-01					
**	LABEL = DN00C*FMWH0I16,					

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 84001/21

1) File Type: C 022

2) Project Ident.: CODE

3) Track Nos.: 329328 - 9332

I. Error Corrections as reported to Principal Investigator:

Error	Correction Completed (Check)

II. Additional error corrections:

Error	Correction Completed (Check)

III. Processor Name: _____

```
Password:
 accNo   fleA refNo  proj inst ship    startDate  cruise   catId
 ------- ---- ------ ---- ---- ------- ---------- -------- ----------
 8400121 F022 TT1767 0119 3103 32WC    1981/04/20 C1L3          149173
 8400121 C022 329328 0119 3103 32WC    1981/04/20 TT1767        149174
 8400121 F022 TT1768 0119 3103 32WC    1981/07/19 C1L8          149175
 8400121 C022 329329 0119 3103 32WC    1981/07/19 TT1768        149176
 8400121 F022 TT1769 0119 3103 32WC    1982/07/15 C2L9          149177
 8400121 C022 329330 0119 3103 32WC    1982/07/15 TT1769        149178
 8400121 F022 TT1770 0119 3103 32WC    1982/08/03 C2L10         149179
 8400121 C022 329331 0119 3103 32WC    1982/08/03 TT1770        149180
 8400121 F022 TT1771 0119 3103 32WC    1982/08/19 C2L13         149181
 8400121 C022 329332 0119 3103 32WC    1982/08/19 TT1771        149182

(10 rows affected)
```

```
Password:
 accNo   fleA refNo  ship staCnt recCnt startDate  endDate
 ------- ---- ------ ---- ------ ------ ---------- ----------
 8400121 F022 TT1767 32WC 16     435    81/04/20   81/04/21
 8400121 C022 329328 32WC 16     16     81/04/20   81/04/21
 8400121 F022 TT1768 32WC 1      28     81/07/19   81/07/19
 8400121 C022 329329 32WC 1      1      81/07/19   81/07/19
 8400121 F022 TT1769 32WC 147    12646  82/07/15   82/07/27
 8400121 C022 329330 32WC 147    217    82/07/15   82/07/27
 8400121 F022 TT1770 32WC 9      236    82/08/03   82/08/05
 8400121 C022 329331 32WC 9      9      82/08/03   82/08/05
 8400121 F022 TT1771 32WC 24     867    82/08/19   82/08/19
 8400121 C022 329332 32WC 24     27     82/08/19   82/08/19

(10 rows affected)
```

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8400121	F022	~~TT1767~~	0119	3103	32WC	1981/04/20	C1L3	149173
8400121	C022	329328	0119	3103	32WC	1981/04/20	TT1767	149174
8400121	F022	~~TT1768~~	0119	3103	32WC	1981/07/19	C1L8	149175
8400121	C022	329329	0119	3103	32WC	1981/07/19	TT1768	149176
8400121	F022	~~TT1769~~	0119	3103	32WC	1982/07/15	C2L9	149177
8400121	C022	329330	0119	3103	32WC	1982/07/15	TT1769	149178
8400121	F022	~~TT1770~~	0119	3103	32WC	1982/08/03	C2L10	149179
8400121	C022	329331	0119	3103	32WC	1982/08/03	TT1770	149180
8400121	F022	~~TT1771~~	0119	3103	32WC	1982/08/19	C2L13	149181
8400121	C022	329332	0119	3103	32WC	1982/08/19	TT1771	149182

(10 rows affected)

8400121

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Password:
 accNo   fleA refNo  ship staCnt recCnt startDate  endDate
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 8400121 F022 TT1767 32WC 16     435    81/04/20   81/04/21
 8400121 C022 329328 32WC 16     16     81/04/20   81/04/21
 8400121 F022 TT1768 32WC 1      28     81/07/19   81/07/19
 8400121 C022 329329 32WC 1      1      81/07/19   81/07/19
 8400121 F022 TT1769 32WC 147    12646  82/07/15   82/07/27
 8400121 C022 329330 32WC 147    217    82/07/15   82/07/27
 8400121 F022 TT1770 32WC 9      236    82/08/03   82/08/05
 8400121 C022 329331 32WC 9      9      82/08/03   82/08/05
 8400121 F022 TT1771 32WC 24     867    82/08/19   82/08/19
 8400121 C022 329332 32WC 24     27     82/08/19   82/08/19

(10 rows affected)
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