

NODC

ACCESSION
NUMBER

7700437

DATA DOCUMENTATION FORM

310071
C139NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE

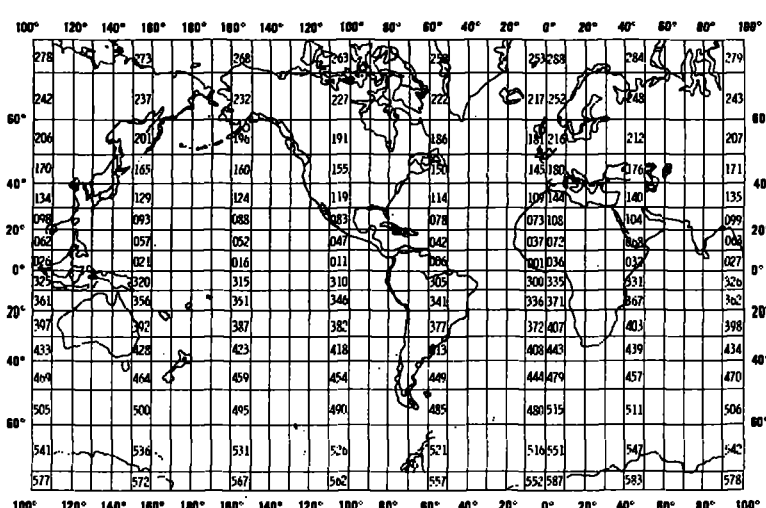
FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81**IMPORTANT**(While you are not
ancillary information)This form should accom-
panied when the data
information at that time
manuscripts which are
handwritten submissionsTHIS MATERIAL IS A PART OF THE DATA/
DOCUMENTATION OF THE CODE-1 DATA SET.
DO NOT REMOVE, DISPOSE OF, OR GIVE
THIS MATERIAL AWAY WITHOUT THE PRIOR
APPROVAL OF THE NODC DATA SERVICES
DIVISION, OCEANOGRAPHIC SERVICES
BRANCH, D761. THANK YOU.

Required

tion, must be
ning pertinent
ublications, or
ics. Readable,
e 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 <i>WHOI</i>			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT <i>Cruise 112</i>	
4. PLATFORM NAME(S) <i>CHAIN</i>	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) <i>Ship</i>	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR <i>CHAIN USA</i>	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR <i>3/11/73 5/14/73</i>
8. ARE DATA PROPRIETARY? <input type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA 	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNA- TIONAL EXCHANGE?) <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)	

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

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING

C. DATA FORMAT

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).
2. Describe briefly how your file is organized.
- 3-13. Self-explanatory.
14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity).
15. Enter starting position of the field.
16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.
17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").
18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

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

GATE Format:
See GATE Manual, Report No. 13,
Appendix E

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

NAME AND PHONE NUMBER _____
ADDRESS _____

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</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</p> <p>1920</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		

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		

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		

RECORD FORMAT DESCRIPTION

RECORD NAME _____

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

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 (✓)	

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

A: 1:01
TO: Mr. Irving Perlroth
National Oceanographic Data Center
Washington, D.C. 20235

REFER TO

ATTENTION
Code D75

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY

☒ ORDINARY MAIL ☐ REGISTERED MAIL ☐ AIR MAIL ☐ CERTIFIED MAIL ☐ GOVERNMENT TRUCK ☐ BY HAND ☐ OTHER

One reel of magnetic tape (number 2#04) containing Part 1 MODE density set from R/V CHAIN Cruise 112. These are CTD data at 2 decibar levels formatted in the GATE Format.

- a) Tape dump beginning with file 3
b) Inventory of stations contained on the tape

148 CTD'S

Note: The remaining CTD stations that comprise the MODE Density Set will be forwarded shortly.

Rec'd 6/3/77

3100071

THIS MATERIAL IS A PART OF THE DATA/ DOCUMENTATION OF THE MODE-1 DATA SET DO NOT REMOVE OR DESTROY IT, OR GIVE THIS MATERIAL AWAY WITHOUT THE PRIOR APPROVAL OF THE NODC DATA SERVICES DIVISION, OCEANOGRAPHIC SERVICES BRANCH, D761. THANK YOU.

IMPORTANT

CC: B. Mallard (WHOI)
S. Marcus (NODC) ✓

FORWARDED BY (Signature)

G. Heimerdinger

TITLE

EDS Liaison Officer

DATE FORWARDED

May 31, 1977

RECEIVED BY (Signature)

TITLE

DATE RECEIVED

stations 1, 39,44,150,153-157 have been excluded.																	
	STATION NUMBER	DATE	START TIME	STARTING LATITUDE	STARTING LONGITUDE	WATER DEPTH	PRESSURE(min)	PRESSURE(max)	ENDING LATITUDE	ENDING LONGITUDE	No. ROSETTES	POSITION METHOD	END TIME				
NOTES	XXX	YYMMDD	HHMM	DD	MM.M	DD	MM.M	DEPT	Pm	Pmax	DD	MM.M	DD	MM.M	RO	POSIT	HHMM
Leg 1	1	730307	0505	40	45.5	71	03.0				40	44.5	71	02.8		LORAN	0535
	2	730311	0510	28	01.9	69	40.7	5466	5	5561	28	02.9	69	43.8	10	"	0815
	3	730312	0136	28	12.1	68	39.5	5260	5	5355	28	14.3	68	41.9	10	"	0410
	4	730312	1700	29	00.6	68	14.0	5203	3	5299	29	03.1	68	14.0	10	"	2037
	5	730313	1010	27	22.8	68	01.8	5177	3	5257	27	21.2	68	02.4	10	"	1248
	6	730314	0100	26	26.8	69	23.0	5399	5	5495	26	27.7	69	23.3	10	"	0330
	7	730314	1627	27	01.7	71	02.1	5472	5	5573	27	02.8	71	00.8	10	"	2005
	8	730315	1020	28	33.8	71	19.0	5258	7	5461	28	34.2	71	17.5	10	"	1252
	9	730316	0615	29	38.7	69	59.5	5252	7	5523	29	40.6	69	59.1	10	"	0926
Leg 2	10	730331	2140	28	39.5	70	18.2	5446	9	5543	28	39.8	70	19.8	11	"	0152
	11	730401	2029	27	09.0	69	57.2	5477	13	5577	27	09.2	69	59.1	7	"	2351
	12	730402	2037	27	19.7	69	03.9	5280	11	5373	27	21.0	69	04.1	7	"	2305
	13	730403	1902	28	10.0	70	05.5	5456	13	5557	28	12.5	70	09.0	7	"	2234
Leg 3	14	730409	1647	30	24.9	66	47.5	5079	3	5157	30	26.6	66	46.1	10	"	2258
	15	730410	0352	29	47.1	67	39.1	5172	3	2997	29	49.8	69	37.2	10	"	0855
	16	730412	0120	28	35.7	69	39.8	5461	3	3201	28	34.2	69	35.1	0	"	0400
	17	730412	0543	28	36.2	69	18.5	5408	7	2957	28	35.3	69	15.9	8	"	0804
	18	730412	1252	28	37.0	68	52.0	5291	3	2971	28	35.9	68	50.1	10	"	1500
	19	730412	1708	28	18.0	68	58.1	5338	5	3029	28	15.8	68	56.3	10	"	2020
	20	730412	2203	27	59.5	68	58.5	5234	5	3007	27	58.0	68	59.2	10	"	0120
	21	730413	0250	27	41.9	68	59.1	5377	5	3037	27	40.5	69	00.9	10	"	0600
	22	730413	0946	27	21.0	68	55.1	5346	5	3037	27	20.9	68	54.9	9	"	1245
	23	730418	0800	27	24.5	69	19.1	5324	13	3015	27	26.4	69	20.8	9	"	1230
	24	730418	1508	27	41.8	69	19.3	5373	13	3021	27	44.7	69	22.9	9	"	1857
	25	730419	0400	28	00.0	69	19.0		5	3003	28	02.0	69	19.0	2	"	0738
	26	730419	1014	28	18.5	69	19.8	5408	5	3003	28	19.8	69	16.8	2	"	1320
	27	730419	1447	28	06.9	69	38.9	5459	9	5563	28	09.9	69	38.3	6	SAT	2130
	28	730420	0158	27	24.2	70	01.1	5476	3	3029	27	26.9	70	03.2	10	LORAN	0500
	29	730420	0724	27	21.2	70	24.4	5472	9	5549	27	24.5	70	26.5	8	"	1402
	30	730420	1600	27	05.9	70	40.9	5472	3	2969	27	07.7	70	45.8	9	"	2000
	31	730421	0023	27	09.4	70	04.3	5480	5	3029	27	11.3	70	05.7	10	"	0315
	32	730421	0628	27	04.9	69	40.2	5482	9	2795	27	10.1	69	44.0	2	"	1040
	33	730421	1330	27	09.7	69	17.2	5288	9	5385	27	14.0	69	17.9	4	"	1355
	34	730421	2135	27	05.1	68	39.0	5389	5	3033	27	07.6	68	39.1	3	SAT	0052
	35	730422	0533	27	40.7	68	49.6	5255	7	3047	27	42.2	68	48.3	10	LORAN	0911
	36	730422	1140	27	59.4	68	37.5	5291221	3109	27	59.6	68	38.0	10	SAT	1410	
	37	730422	2200	28	58.0	68	36.8	5258	5	3049	28	54.0	68	37.2	9	LORAN	0055
	38	730423	0842	28	38.6	70	18.4	5451	13	5553	28	40.5	70	17.7	10	SAT	1350
	39	730427	1200	28	57.9	70	42.0				28	55.0	70	42.0	8	LORAN	1944
Leg 4	40	730513	0155	33	26.2	72	38.0	5134			33	26.0	72	36.0	0	"	0500
	41	730514	0144	29	49.8	69	40.0	5348	7	5445	29	50.6	69	40.9	7	"	0550
	42	730514	0755	29	46.4	70	05.6	5436	3	4057	29	48.0	70	12.3	8	"	1100
	43	730514	2214	28	52.5	69	13.5	5378	9	4185	28	53.1	69	15.3	0	L/S	0130
	44	730515	1452	28	01.6	68	29.1	5400		~28	03.0~68	30.0	0		LORAN	1600	
	45	730515	2253	28	03.7	68	33.8	5130	7	3031	28	03.0	68	34.0	0	"	0100

	STATION NUMBER	DATE	START TIME	STARTING LATITUDE	STARTING LONGITUDE	WATER DEPTH	PRESSURE(min)	PRESSURE(max)	ENDING LATITUDE	ENDING LONGITUDE	No. ROSETTES	POSITION METHOD	END TIME
NOTES	XXX	YYMMDD	HHMM	DD MM.M	DD MM.M	DEPT	Pm	Pmax	DD MM.M	DD MM.M	RO	POSIT	HHMM
Start adding 4 hours to all times. →	46	730517	0030	27 56.2	68 44.5	5338	3	2015	27 56.3	68 44.3	10	LORAN	0144
	47	730517	1340	27 56.4	68 44.0	5312	3	2977	27 58.2	68 43.9	4	"	1552
	48	730518	0145	28 08.6	68 27.8	5301	3	3035	28 10.0	68 26.8	7	"	0352
	49	730519	1117	28 38.2	68 56.7	5415	3	4197	28 39.2	68 57.7	8	"	1300
	50	730519	1518	28 36.1	69 19.0	5348	13	3881	28 34.8	69 21.9	8	"	1805
	51	730519	1921	28 36.0	69 40.4	5431	7	3723	28 36.5	69 43.5	9	"	2230
	52	730520	0007	28 55.2	69 40.0	5441	7	4357	28 56.9	69 40.7	9	"	0240
	53	730520	0122	28 35.6	70 01.1	5441	5	4077	28 38.0	69 59.2	9	"	0848
	54	730520	1122	28 39.2	70 30.2	5451	9	4457	28 40.0	70 19.1	9	"	1323
	55	730520	1516	28 18.1	70 20.8	5451	11	4365	28 18.8	70 19.0	9	"	1756
	56	730520	2041	27 59.6	70 20.2	5456	9	4415	28 00.0	70 20.3	9	"	2311
	57	730521	0047	28 00.0	70 42.0	5446	9	4291	28 01.6	70 42.0	9	"	0308
	58	730521	0537	27 41.5	70 21.0	5462	9	4323	27 43.2	70 22.3	9	"	0820
	59	730521	1029	27 19.4	70 20.6	5472	9	4439	27 20.8	70 21.3?	9	"	1300
	60	730521	1131	27 24.1	70 01.0	5472	9	4467	27 24.5	70 01.0	9	"	1410
	61	730521	1620	27 22.5	69 39.5	5475	5	4439	27 22.5	69 40.3	9	LO/DR	1835
	62	730521	2051	27 05.9	69 39.9	5472?	5	4457	27 05.8	69 40.6	9	LORAN	2306
	63	730522	0218	27 23.9	69 19.0	5327	3	4301	27 23.5	69 21.0	9	L/S	0448
	64	730522	0805	27 42.7	69 20.0	5379	7	4425	27 43.0	69 19.0	9	LORAN	1021
	65	730522	1338	27 58.4	69 19.9	5389	3	4209	27 58.2	69 17.8	9	S/L	1438
66	730522	1715	28 18.1	69 20.0	5451	9	4345	28 17.1	69 19.4	9	LORAN	1929	
67	730522	2100	28 18.0	69 40.0	5451	9	4443	28 17.0	69 40.4	9	"	2315	
68	730523	0040	28 17.7	70 01.4	5451	7	4455	28 17.6	70 02.1	9	S/L	0335	
69	730523	0808	27 59.7	70 01.0	5456	7	4449	27 59.9	70 01.3	9	LORAN	0735	
70	730523	1113	27 43.1	70 00.9	5462	9	4369	27 43.4	70 02.5	8	"	1335	
71	730523	1630	27 42.5	69 39.9	5462	3	4467	27 41.8	69 39.8	8	"	1850	
72	730523	2323	28 00.1	69 43.9	5462	3	4445	28 00.4	69 44.1	9	S/L	0228	
73	730524	0415	27 54.3	69 32.8	5451	5	1605	27 54.2	69 32.5	9	LORAN	0520	
74	730524	0802	28 03.7	69 31.8	5458	5	2205	28 03.7	69 31.8	9	"	0910	
75	730524	1135	27 59.0	69 40.7	5462	9	4447	27 59.4	69 40.7	9	"	1355	
76	730524	1727	28 04.0	69 46.1		5	1605			6	"		
77	730524	2049	27 53.9	69 46.0	5475	5	1605	27 53.9	69 46.0	5	"	2145	
78	730525	1722	29 21.7	70 42.2	5441	5	4489	29 22.5	70 42.4	9	"	1945	
79	730526	0118	29 21.9	69 39.4	5369	7	4363	29 24.2	69 33.0	9	"	0500	
80	730526	0750	29 44.0	68 57.8	5275	13	4199	29 45.2	68 56.0	9	"	1012	
Leg 5	81	730531	1133	29 23.0	68 09.0	5168	9	2639	29 23.4	68 11.8	7	"	1420
	82	730601	0630	27 56.8	68 45.5	5358	9	1539			4	SAT	
	83	730606	1837	27 44.1	70 00.4	5461	9	1659	27 44.6	70 00.0	4	LORAN	1952
	84	730606	2215	27 43.0	70 31.7	5461	9	1597	27 43.9	70 33.5	4	"	2338
	85	730607	0234	28 02.7	70 07.7	5461	9	1637	28 02.6	70 08.5	4	"	0350
	86	730607	0535	27 43.9	70 00.5	5461	9	3019	27 44.0	70*01.0	9	"	0731
	87	730607	0940	27 25.5	69 55.0	5471	9	1619	27 25.7	69 56.8	4	"	1058
	88	730608	1304	27 24.0	69 19.0		5	3039	27 24.4	69 20.2	9	"	1516
	89	730608	1943	27 18.8	70 00.5		9	1593	27 18.0	70 01.7	0	"	2049
	90	730608	2325	27 27.1	69 57.2		7	1703	27 27.1	69 57.8	4	"	0029

*Original table contains the entry
76 01.0, which is probably an error.
It is corrected here to 70 01.0.

NOTES	STATION NUMBER	DATE	START TIME*	STARTING LATITUDE	STARTING LONGITUDE	WATER DEPTH	PRESSURE(min)	PRESSURE(max)	ENDING LATITUDE	ENDING LONGITUDE	No. ROSETTES	POSITION METHOD	END TIME*
*ADD FOUR HOURS TO ALL TIMES	91	730609	0213	27 35.1	69 59.6		5	1707	27 35.3	69 59.4	4	LORAN	0321
	92	730609	0510	27 26.9	70 03.3	5472	7	1733	27 26.8	70 03.3	3	S/L	0620
	93	730609	0936	27 19.0	70 00.0	5473	7	1731	27 19.0	70 00.2	4	LORAN	1035
	94	730609	1226	27 27.1	70 03.2	5472	11	1713	27 27.2	70 03.8	4	"	1332
	95	730609	1545	27 35.0	69 59.7	5472	5	1707	27 35.4	70 00.0	4	"	1648
	96	730609	1845	27 27.1	69 59.2	5472	5	1731	27 26.6	69 56.4	4	"	2023
	97	730610	0130	27 37.9	69 29.0	5497	9	1691	27 38.3	69 29.6	4	"	0243
	98	730610	0509	27 42.9	69 30.0	5456	9	1699	27 40.3	69 29.7	4	"	0700
	99	730610	1005	27 39.7	69 34.2	5471	5	1667	27 39.3	69 31.7	4	"	~1200
	100	730610	1314	27 48.0	69 29.8	5430	9	1633	27 48.6	69 29.5	4	"	1403
	101	730610	1505	27 43.0	69 30.0	5423	9	1693	27 43.0	69 30.0	4	"	1614
	102	730610	1646	27 40.0	69 33.5	5430	9	1653	27 39.0	69 32.6	4	"	1735
	103	730610	1830	27 38.6	69 30.0	5451	9	1701			4	"	
	104	730610	2036	27 48.0	69 30.2		9	1675	27 48.0	69 30.0	4	"	2200
	105	730610	2249	27 53.5	69 30.3	5433	9	1663	27 54.0	69 29.8	4		0005
	106	730611	1200	27 57.5	69 36.6	5445	9	1649	27 57.2	69 35.5	4	"	1311
	107	730611	1452	27 57.7	69 36.8	5445	9	1655	27 57.6	69 36.6	4	"	1552
	108	730611	1600	27 57.6	69 36.6	5442	9	995	27 57.6	69 36.6	4	"	1655
	109	730611	1812	27 57.4	69 36.3	5442	11	1703	27 57.2	69 35.9	4	"	1913
	110	730611	2123	27 58.0	69 36.4	5442	9	1665			4		
	111	730611	2230	27 57.8	69 35.9	5442	9	987	27 58.2	69 35.7	4	LORAN	2310
	112	730612	0052	27 57.6	69 36.8	5466	9	1659	27 57.6	69 36.2	4	S/L	0200
	113	730612	0347	27 57.6	69 36.7	5466	9	1675	27 57.2	69 35.8	4	LORAN	0443
	114	730612	0447	27 57.2	69 35.8	5466	9	971	27 57.8	69 35.4	4	"	0534
	115	730612	0656	27 57.7	69 36.3	5466	11	971	27 57.6	69 36.3	4	"	0800
	116	730612	0950	27 56.4	69 39.0	5461	9	1545	27 56.2	69 37.7	4	"	1110
	117	730612	1615	27 57.4	69 36.1	5441	9	1625			4		
	118	730612	1929	28 00.1	69 34.6		9	847	28 00.0	69 36.6	4	LORAN	2113
	119	730612	2306	28 03.6	69 43.0		9	1607	28 04.0	69 41.9	6	"	0027
	120	730613	0146	27 57.7	69 36.8	5461	9	711	27 57.4	69 35.7	4	"	0302
	121	730613	0438	27 56.0	69 39.0	5450	9	1691			6		
	122	730613	0925	27 56.0	69 39.0	5450	9	1689	27 56.0	69 38.0	4	LORAN	1043
	123	730613	1442	27 55.8	69 38.9	5450	9	2241			6		
	124	730613	1747	27 57.5	69 36.2	5460	9	1687	27 57.1	69 36.0	4	LORAN	1906
	125	730613	2142	27 56.0	69 39.0	5450	9	1699	27 56.0	69 39.0	4	"	2308
126	730614	0125	27 57.6	69 36.6	5460	9	1673	27 57.8	69 37.0	4	"	0250	
127	730614	0508	27 56.0	69 39.0	5450	9	1701	27 56.0	69 39.4	4	"	0640	
128	730614	0852	27 57.6	69 35.5		9	1683	27 58.0	69 35.3	4	S/L	1000	
129	730614	1323	28 03.3	69 42.6		5	1645	28 03.6	69 42.0	4	LORAN	1432	
130	730614	1708	28 03.6	69 42.8	5435	9	1593	28 03.4	69 41.8	4	"	1832	
131	730614	2127	28 03.5	69 42.9		9	1699	28 03.5	69 43.2	0	"	2214	
132	730615	0112	28 00.0	69 34.6		9	1703	27 59.6	69 34.5	4	"	0241	
133	730615	0513	28 03.4	69 43.0		9	1701	28 03.6	69 42.9	4	"	0611	
134	730615	0951	28 00.0	69 34.3		9	1675	28 00.6	69 33.7	4	"	1005	
135	730615	1017	28 00.6	69 33.3		9	1217	28 00.8	69 32.9	0	"	1054	

STATION NUMBER	DATE	START TIME*	STARTING LATITUDE	STARTING LONGITUDE	WATER DEPTH	PRESSURE (min)	PRESSURE (max)	ENDING LATITUDE	ENDING LONGITUDE	No. ROSETTES	POSITION METHOD	END TIME*
NOTES XXX	YYMMDD	HHMM	DD MM.M	DD MM.M	DEPT	Pm	Pmax	DD MM.M	DD MM.M	RO	POSIT	HHMM
Leg 6	136	730626	0948	28 09.0	68 38.5	5224	11 5317	28 11.9	68 40.3	0	LORAN	1335
*ADD	137	730627	1313	28 01.7	69 47.8	5462	11 5557			9		
FOUR	138	730627	2300	28 08.0	70 07.5	5462	11 5559	28 06.9	70 06.3	8	LORAN	0259
HOURS	139	730628	0700	27 32.9	69 34.6	5462	11 5567	27 32.6	69 35.7	8	"	1238
TO	140	730628	1820	27 19.9	69 00.3		11 5375	27 22.4	69 00.5	9	S/L	2200
ALL	141	730629	0645	27 08.6	70 01.3	5477	5 3651	27 08.6	70 02.0	6	LORAN	0836
TIMES	142	730630	2000	29 36.2	69 58.8	5436	3 5539	29 37.5	70 00.0	7	"	0000
	143	730701	1015	28 33.1	71 23.0	5317	3 5419	28 31.6	71 24.3	2	"	1310
yoyo	144	730701	2300	26 56.2	71 04.0		5 4877	26 55.4	71 07.7	0	"	0338
	145	730702	1500	26 22.9	69 21.0		7 1015	26 21.3	69 21.9	0	"	1717
	146	730703	0410	27 24.6	67 58.6	5120	7 1263	27 23.5	67 58.0	0	"	0500
	147	730703	1722	29 02.3	68 14.0		5 2701	29 01.9	68 14.5	0	S/L	1904
	148	730704	0400	28 00.9	69 35.7	5451	7 5545	27 58.0	69 41.6	0	LORAN	1205
	149	730705	0042	30 05.5	70 05.7	5425	3 5533			0		
	150	730705	0550	30 04.5	70 06.8			30 03.8	70 06.9		LORAN	0723
	151	730705	1545	30 45.1	70 11.8	5384	9 5377	30 45.0	70 12.0		"	1831
	152	730705	2300	31 35.5	70 20.0	5415	7 4469	31 37.0	70 16.5		"	0226
	153	730706	0341	31 37.2	70 14.9			31 37.2	70 11.3		"	0530
	154	730706	2012	33 58.5	70 00.0	5368		33 58.5	69 58.5		"	2300
	155	730707	0355	34 52.5	70 03.0	5027		34 54.0	70 02.8		"	0646
	156	730707	0930	39 06.1	69 56.1			39 05.6	69 55.0		"	1050
	157	730708	1400	39 25.5	69 59.0			39 25.3	69 59.3		"	1517

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77-0437

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO: Mr. Irving Perlroth
National Oceanographic Data Center
Washington, D.C. 20235

REFER TO

ATTENTION
Code D75

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY

☒ ORDINARY MAIL ☐ REGISTERED MAIL ☐ AIR MAIL ☐ CERTIFIED MAIL ☐ GOVERNMENT TRUCK ☐ BY HAND ☐ OTHER

One reel of magnetic tape (number 2#04) containing Part 1 MODE density set from R/V CHAIN Cruise 112. These are CTD data at 2 decibar levels formatted in the GATE Format.

- a) Tape dump beginning with file 3
- b) Inventory of stations contained on the tape

Note: The remaining CTD stations that comprise the MODE Density Set will be forwarded shortly.

Acc. No. 77-0437
3100071

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CC: B. Mollard (WHOI)
S. Marcus (NODC)

FORWARDED BY (Signature)
G. Heimerdinger
RECEIVED BY (Signature)

EDS Liaison Officer

May 31, 1977
DATE RECEIVED

Copy sent to Geo. Heimerdinger in acknowledgment

	STATION NO.	DATE (YR-MON)	TIME	START LAT.	START LONG.	WATER DEPTH	PMIN	PMAX	DISTANCE FROM BOTTOM	END LAT.	END LONG.	NO. ROSETTES	POSITION METHOD	END TIME
LEG 1	1	73-3-7	0505	40° 45.5	71° 03					40° 44.5	71° 02.8		LORAN	0535
↓	2	73-3-10	0510	28° 01.9	69° 40.7	5466	5	5561		28° 02.9	69° 43.8	10		0815
	3	73-3-12	0136	28° 12.1	68° 37.5	5260	5	5355		28° 14.2	68° 41.9	10		0410
	4	-12	1700	27° 00.6	68° 14.0	5203	3	5299		27° 03.1	68° 14.0	10		2037
	5	73-3-13	1010	27° 22.8	68° 01.8	5177	3	5257		27° 21.2	68° 02.4	10		1242
	6	73-3-14	0100	26° 26.2	69° 23.0	5379	6	5475		26° 27.7	69° 23.3	15		0230
	7	14	1627	27° 01.7	71° 02.1	5472	5	5573		27° 02.8	71° 03.8	10		2008
	8	73-3-15	1020	28° 33.8	71° 19.0	5258	7	5461		28° 34.2	71° 17.5	10		1250
	9	73-3-16	0615	27° 32.7	69° 59.5	5252	7	5523		27° 40.6	69° 59.1	10		0926
LEG 2	10	73-3-31	2140	28° 39.5	70° 12.2	5446	9	5543		28° 39.8	70° 13.8	11		0152
↓	11	73-4-1	2029	27° 09	69° 57.2	5477	13	5577		27° 09.2	69° 59.1	7		2351
	12	73-4-2	2027	27° 19.7	69° 03.7	5280	11	5373		27° 21.0	69° 04.1	7		2305
	13	73-4-3	1902	28° 12.0	70° 05.5	5456	12	5557		28° 12.5	70° 07.0	7		2231
LEG 3	14	73-4-9	1647	30° 24.7	66° 47.5	5079	3	5157		30° 26.4	66° 46.1	10		2258
	15	73-4-10	0352	29° 47.5	67° 37.1	5172	3	5277		29° 47.8	67° 37.2	10		0855
	16	73-4-12	0130	28° 35.7	69° 39.8	5461	3	5501		28° 34.2	69° 35.1	0		0405
	17	12	0543	28° 36.2	69° 18.5	5409	7	5457		28° 35.3	69° 15.9	8		0504
	18	12	1252	28° 57.0	68° 52.0	5271	3	5371		28° 35.9	68° 50.1	10		1500
	19	12	1708	28° 18.0	68° 58.1	5338	5	5329		28° 15.8	68° 56.2	10		2020
	20	12	2003	27° 59.5	68° 58.5	5234	5	5307		27° 59.0	68° 59.2	10		0120
	21	73-4-13	0250	27° 41.7	68° 59.1	5377	5	5327		27° 40.5	68° 00.9	10		0600
	22	13	0946	27° 21.0	68° 55.1	5346	5	5327		27° 22.9	68° 54.9	9		1245
	23	73-4-18	0200	27° 24.5	69° 19.1	5324	13	5315		27° 26.4	69° 20.8	9		1232
	24	18	1502	27° 41.8	67° 19.5	5373	13	5321		27° 44.7	67° 22.9	9		1857
	25	73-4-19	0400	28° 01.0	67° 11.0	-	5	5303		28° 02.0	67° 11.0	2		0738
	26	19	1014	28° 18.5	69° 17.2	5408	5	5353		28° 19.7	69° 16.2	2		1320
	27	19	1447	27° 02.9	67° 38.9	5459	9	5563		27° 04.9	67° 32.3	0	SAT	2130
	28	73-4-20	0158	27° 24.2	70° 01.1	5476	2	5327		27° 25.9	70° 02.2	10	LORAN	0500
	29	20	0734	27° 21.2	70° 24.4	5472	9	5549		27° 24.5	70° 26.5	8		1400
	30	20	1600	27° 05.9	70° 40.9	5472	3	5309		27° 07.7	70° 45.7	9		2000
	31	73-4-21	0523	27° 09.4	70° 04.3	5480	5	5329		27° 11.3	70° 05.7	10		0315
	32	21	0638	27° 04.9	69° 42.2	5472	9	5395		27° 12.1	69° 44.0	3		1240
	33	21	1220	27° 04.7	69° 17.2	5284	9	5325		27° 14.0	69° 17.9	4		1355
	34	21	2125	27° 05.1	68° 25.0	5384	5	5323		27° 07.6	68° 27.1	3	SAT	0050
	35	21	0533	27° 42.7	68° 47.6	5255	9	5347		27° 42.2	68° 42.3	10	LORAN	0911

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STATION NO.	DATE (YR-MON)	TIME	START LAT.	START LONG.	WATER DEPTH	PMIN	PMAX	DISTANCE FROM BOTTOM	END LAT.	END LONG.	NO. POSITIVES	POSITION METHOD	END TIME
36	73-4-22	1140	27° 59.0	68° 37.6	5271	221	3109		27° 59.6	68° 38.0	10	SAT	1410
37	22	2200	28° 52.0	68° 36.8	5258	5	3049		28° 54.0	68° 37.2	9	LORAN	0055
38	73-4-23	0842	28° 39.6	70° 12.4	5451	13	5553		28° 40.5	70° 12.7	10	SAT	1350
39	73-4-27	1200	28° 53.9	70° 42.0	5434				28° 55	70° 42.0	8	LORAN	1944
EG 4 ↓ 40	73-5-13	0155	33° 26.2	70° 38.0	5434				33° 26	70° 38.0	0	LORAN	0500
41	73-5-14	0144	29° 49.2	69° 40.1	5434	7	5445		29° 50.6	69° 40.4	2	LORAN	0550
42	14	0755	29° 40.4	70° 05.6	5434	3	4057		29° 42	70° 05.3	8		1100
43	14	2214	28° 52.5	69° 13.5	5405	9	4125		28° 53.1	69° 13.3	0	L/S	01300
44	73-5-15	1452	28° 01.6	68° 29.1	5434				28° 03	68° 30	0	LORAN	~160
45	15	2253	28° 02.7	68° 23.8	5434	7	3031		28° 03.0	68° 24.0	0	LORAN	0100
46	73-5-17	0030	27° 56.2	68° 44.5	5339	3	2005		27° 56.2	68° 44.3	10	LORAN	0144
47	12	1342	27° 56.4	68° 44.0	5312	3	2777		27° 56.2	68° 43.9	4	LORAN	1550
48	73-5-18	0145	28° 02.6	68° 27.2	5301	3	3035		28° 10.0	68° 26.8	7	LORAN	0350
49	73-5-19	1117	28° 32.2	68° 56.7	5415	3	4197		28° 32.2	68° 57.7	8	LORAN	1300
50	19	1518	28° 36.1	69° 19.0	5349	13	3721		28° 34.5	69° 21.7	8	LORAN	1805
51	19	1901	28° 36.5	69° 40.4	5431	7	3703		28° 36.5	69° 43.5	9	LORAN	2000
52	73-5-20	0007	28° 55.2	69° 40.0	5441	7	4357		28° 56.9	69° 40.7	9	LORAN	0040
53	20	0122	28° 35.6	70° 01.1	5441	5	4077		28° 32.0	69° 59.2	9	LORAN	0848
54	20	1122	28° 37.2	70° 30.2	5451	9	4457		28° 40.0	70° 19.1	9	LORAN	1303
55	20	1516	28° 18.1	70° 00.8	5451	11	4365		28° 18.5	70° 19.05	9	LORAN	1756
56	20	2041	28° 59.6	70° 00.2	5456	9	4415		28° 00.0	70° 20.3	9	LORAN	2311
57	73-5-21	0047	28° 00.0	70° 42.0	5446	9	4091		28° 01.6	70° 42.0	9	LORAN	0308
58	21	0537	27° 41.5	70° 21.0	5462	9	4303		27° 43.2	70° 20.3	9	LORAN	0820
59	21	1027	27° 12.4	70° 20.6	5472	9	4439		27° 20.5	70° 21.3	9	LORAN	1300
60	21	1131	27° 24.1	70° 01.0	5472	9	4467		27° 24.5	70° 01.0	9	LORAN	1410
61	21	1220	27° 22.5	69° 39.5	5475	5	4439		27° 22.5	69° 40.3	9	LORAN	1735
62	21	2001	27° 05.9	69° 39.9	5472	5	4457		27° 05.9	69° 40.6	0	LORAN	2306
63	22	0202	27° 23.9	70° 19.0	5327	3	4301		27° 23.5	69° 21.0	9	SAT/LOR	0445
64	22	0305	27° 42.5	69° 22.0	5379	7	4425		27° 42.0	69° 19.0	0	LORAN	1021
65	22	1338	27° 59.4	69° 19.9	5389	3	4209		27° 58.0	69° 17.2	0	SAT/LOR	1422
66	22	1215	28° 12.1	69° 22.0	5451	9	4345		28° 12.1	69° 19.4	0	LORAN	1711
67	22	2120	28° 12.0	69° 40.0	5451	9	4443		28° 12.0	69° 42.4	0	LORAN	2312
68	23	0000	28° 17.7	70° 01.4	5451	7	4435		28° 14.0	70° 00.1	0	SAT/LOR	0335
69	23	0605	27° 50.7	70° 01.0	5456	7	4449		27° 50.3	70° 01.3	0	LORAN	0735
70	23	1113	27° 43.1	70° 00.9	5462	9	4369		27° 42.4	70° 00.5	0	LOR	1235

START
ADDING
SUBTRACTING

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	STATION NO.	DATE (YR-MON)	TIME	START LAT.	START LONG.	WATER DEPTH	PMIN	PMAX	DISTANCE FROM BOTTOM	END LAT.	END LONG.	NO. ROSETTES	POSITION METHOD	END TIME
4	71	73-5-23	1630	27° 40.5	69° 37.7	5462	3	4467		27° 41.2	69° 37.5	8	LOTRAN	1850
	72	23	2323	28° 00.1	69° 43.9	5462	3	4445		28° 00.4	69° 44.1	9	LOTRAN	0028
	73	73-5-24	0415	27° 54.3	69° 32.3	5451	5	1605		27° 54.2	69° 32.5	9	LOTRAN	0520
445	74	24	0802	28° 03.7	69° 31.7	5453	5	3225		28° 03.7	69° 31.5	9	LOTRAN	0910
445	75	24	1135	27° 57.0	69° 40.7	5462	9	4447		27° 57.4	69° 40.7	9	LOTRAN	1355
445	76	24	1727	28° 04.0	69° 46.1	-	5	1605				6	LOTRAN	
	77	24	2049	27° 53.9	69° 46.0	5475	5	1605		27° 53.9	69° 46.0	5	LOTRAN	2115
	78	73-5-25	1732	29° 21.7	70° 40.3	5441	5	4427		29° 22.5	70° 42.4	9	LOTRAN	1945
	79	73-5-26	0118	29° 21.7	69° 37.7	5369	7	4363		29° 24.2	69° 33.0	9	LOTRAN	0300
	80	26	0750	29° 44.0	68° 57.8	5275	13	4199		29° 45.2	68° 56.0	9	LOTRAN	1016
LEG 5	81	73-5-31	1133	29° 23.0	68° 09.0	5168	9	2639		29° 23.4	68° 11.8	7	LOTRAN	1400
4	82	73-6-01	0630	27° 56.5	68° 45.5	5358	9	1539				4	SAT	
	83	06	1227	27° 44.1	70° 00.4	5461	9	1659		27° 44.6	70° 00.1	4	LOTRAN	1716
	84	06	2015	27° 43.0	70° 21.9	5461	9	1597		27° 43.9	70° 23.5	4	LOTRAN	2232
	85	73-6-07	0024	28° 05.2	70° 09.7	5461	9	1637		28° 02.6	70° 02.5	4	LOTRAN	0230
	86	07	0635	27° 43.9	70° 00.5	5461	9	3019		27° 44.0	70° 01.0	9	LOTRAN	0731
	87	07	0940	27° 25.5	69° 55.0	5471	9	1619		27° 25.7	69° 56.2	4	LOTRAN	1058
	88	73-6-08	1304	27° 24.0	69° 19.0	-	5	3039		27° 24.4	69° 20.2	9	LOTRAN	1516
	89	08	1943	27° 12.2	70° 00.5	-	9	1593		27° 12.0	70° 01.7	0	LOTRAN	2249
	90	08	2325	27° 27.1	69° 57.2	-	7	1703		27° 27.1	69° 57.8	4	LOTRAN	0029
	91	73-6-09	0015	27° 35.1	69° 57.6	-	5	1707		27° 35.2	69° 57.4	4	LOTRAN	0201
	92	09	0540	27° 26.7	70° 03.2	5472	7	1723		27° 26.8	70° 03.2	3	LOTRAN	0700
	93	09	0926	27° 19.0	70° 00.0	5473	7	1731		27° 19.0	70° 00.2	4	LOTRAN	1000
	94	09	1200	27° 24.1	70° 03.2	5472	11	1713		27° 24.2	70° 03.7	4	LOTRAN	1336
	95	09	1545	27° 35.0	69° 57.5	5472	5	1707		27° 35.4	70° 00.0	4	LOTRAN	1642
	96	09	1245	27° 27.1	69° 57.6	5472	5	1731		27° 26.6	69° 56.4	4	LOTRAN	2022
	97	73-6-10	0130	27° 37.9	69° 57.8	5477	9	1691		27° 38.3	69° 59.6	4	LOTRAN	0242
	98	10	0509	27° 40.9	69° 32.0	5456	9	1697		27° 42.2	69° 31.4	7	LOTRAN	0700
	99	10	1025	27° 37.7	69° 34.2	5471	5	1667		27° 39.3	69° 31.7	4	LOTRAN	1200
	100	10	1311	27° 42.0	69° 32.7	5430	9	1633		27° 42.6	69° 32.5	4	LOTRAN	1516
	101	10	1500	27° 41.0	69° 32.0	5423	9	1692		27° 42.0	69° 32.0	4	LOTRAN	1649
	102	10	1646	27° 40.0	69° 32.5	5430	9	1653		27° 40.0	69° 32.6	4	LOTRAN	1700
	103	10	1820	27° 32.6	69° 30.0	5451	9	1701				4	LOTRAN	
	104	10	2026	27° 40.0	69° 32.0	-	9	1625		27° 40.0	69° 32.0	4	LOTRAN	2020
	105	10	2247	27° 51.5	69° 30.0	5423	9	1603		27° 51.0	69° 30.7	4	LOTRAN	2200

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STATION NO.	DATE (YR-MON)	TIME	START LAT.	START LONG.	WATER DEPTH	PMIN	PMAX	DISTANCE FROM BOTTOM	END LAT.	END LONG.	NO. ROSETTES	POSITION METHOD	END TIME
106	73-6-11	1200	27° 57.5' 69° 36.6'	5445	9	1649			27° 57.2' 69° 35.8'	4		LORAN	1211
107	11	1452	27° 57.7' 69° 36.2'	5445	9	1655			27° 57.6' 69° 36.6'	4		LORAN	1552
108	11	1600	27° 57.6' 69° 36.6'	5442	9	995			27° 57.6' 69° 36.6'	4		LORAN	1655
109	11	1812	27° 57.4' 69° 36.3'	5442	11	1703			27° 57.2' 69° 35.9'	4		LORAN	1712
110	11	2023	27° 58.1' 69° 36.4'	5442	9	1665					4		
111	11	2220	27° 57.8' 69° 35.9'	5442	9	929			27° 58.2' 69° 35.7'	4		LORAN	2210
112	73-6-12	0052	27° 57.6' 69° 35.8'	5466	9	1659			27° 57.6' 69° 35.2'	4		LORAN	0000
113	12	0347	27° 57.6' 69° 36.7'	5466	9	1675			27° 57.2' 69° 35.8'	4		LORAN	0443
114	12	0447	27° 57.2' 69° 35.8'	5466	9	971			27° 57.2' 69° 35.4'	4		LORAN	0534
115	12	0656	27° 57.7' 69° 36.3'	5466	11	971			27° 57.6' 69° 36.3'	4		LORAN	0700
116	12	0950	27° 56.4' 69° 37.0'	5461	9	1545			27° 56.2' 69° 37.7'	4		LORAN	1110
117	12	1615	27° 57.4' 69° 36.1'	5441	9	1625					4		
118	12	1929	28° 03.1' 69° 34.6'	-	9	247			28° 03.0' 69° 34.6'	4		LORAN	2113
119	12	2306	28° 03.6' 69° 43.0'	-	9	1607			28° 04.0' 69° 41.9'	6		LORAN	0007
120	73-6-13	0146	27° 57.7' 69° 36.8'	5461	9	711			27° 57.4' 69° 35.7'	4		LORAN	0302
121	13	0437	27° 56.0' 69° 37.1'	5450	9	1691					6		
122	13	0925	27° 56.0' 69° 39.1'	5450	9	1689			27° 56.2' 69° 38.0'	4		LORAN	1043
123	13	1442	27° 55.8' 69° 38.9'	5450	9	2041					6		
124	13	1747	27° 57.5' 69° 36.2'	5460	9	1687			27° 57.1' 69° 36.2'	4		LORAN	1726
125	13	2142	27° 56.0' 69° 39.0'	5450	9	1699			27° 56.2' 69° 39.0'	4		LORAN	2308
126	73-6-14	0105	27° 57.6' 69° 36.6'	5460	9	1673			27° 57.8' 69° 37.0'	4		LORAN	0250
127	14	0508	27° 56.0' 69° 37.0'	5450	9	1701			27° 56.0' 69° 37.4'	4		LORAN	0640
128	14	0852	27° 57.6' 69° 35.5'	-	9	1693			27° 57.0' 69° 35.3'	4		SA/LOR	1000
129	14	1303	28° 03.3' 69° 40.6'	-	5	1645			28° 03.2' 69° 40.0'	4		LORAN	1432
130	14	1702	28° 03.6' 69° 40.2'	5435	9	1593			28° 03.4' 69° 41.2'	4		LORAN	1832
131	14	2017	28° 03.5' 69° 40.9'	-	9	1699			28° 03.5' 69° 43.2'	0		LORAN	2014
132	73-6-15	0112	27° 59.0' 69° 34.0'	-	9	1723			27° 59.6' 69° 34.5'	4		LORAN	0241
133	15	0513	28° 03.4' 69° 40.0'	-	9	1701			28° 03.6' 69° 42.9'	4		LORAN	0611
134	15	0751	28° 02.0' 69° 38.3'	-	9	1675			28° 02.0' 69° 37.7'	4		LORAN	1005
135	15	1017	28° 02.0' 69° 38.3'	-	9	1517			28° 02.0' 69° 38.9'	0		LORAN	1054
136	73-6-15	0757	28° 02.0' 69° 38.3'	5004	11	5317			28° 01.7' 69° 40.3'	0		LORAN	1335
137	73-6-15	1313	27° 01.7' 69° 37.8'	5462	11	5557					9		
138	15	2300	28° 02.0' 69° 38.3'	5462	11	5559			28° 02.9' 69° 36.3'	9		LORAN	0701
139	15	1217	27° 57.9' 69° 37.0'	5462	11	5567			27° 57.6' 69° 35.9'	9		LORAN	1235
140	15	1217	27° 57.9' 69° 37.0'	-	11	5275			27° 57.4' 69° 36.5'	9		SA/LOR	2010

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STATION NO.	DATE (YR-MON)	TIME	START LAT.	START LONG.	WATER DEPTH	FMIN	FMAX	DISTANCE FROM BOTTOM	END LAT.	END LONG.	NO. ROSETTES	POSITION METHOD	END TIME
141	73-6-29	0045	27° 02.0	70° 01.3	5437	5	3651		27° 02.6	70° 02.0	6	LORAN	0836
142	73-6-30	0000	27° 36.2	69° 58.3	5436	3	5539		27° 37.5	70° 00.0	7	LORAN	0000
143	73-7-1	1015	28° 33.1	71° 03.0	5317	3	5417		28° 31.6	71° 04.3	2	LORAN	1310
144	1	2300	26° 56.2	71° 04.3	-	5	4277		26° 55.4	71° 07.7	0	LORAN	0338
145	73-7-2	1500	26° 22.7	69° 01.0	-	7	1015		26° 21.3	69° 01.9	6	LORAN	1717
146	73-7-3	0410	27° 24.6	67° 52.6	5130	7	1063		27° 23.5	67° 58	0	LORAN	0500
147	3	1700	27° 00.3	67° 14.0	-	5	2701		27° 01.9	67° 14.5	0	SAT/LOR	1704
148	73-7-4	0400	27° 00.7	67° 35.7	5451	7	5545		27° 00.3	67° 41.6	0	LOR	1205
149	73-7-5	0042	30° 05.5	70° 05.9	5425	3	5533				0		
150	5	0530	30° 04.5	70° 05.8	-				30° 03.7	70° 06.7		LORAN	0703
151	5	1345	30° 45.1	70° 14.2	5384	4	5377		30° 45.6	70° 15.0		LORAN	1231
152	5	2300	31° 35.5	70° 00.0	5415	7	4469		31° 37.0	70° 16.5		LORAN	0026
153	73-7-6	0341	31° 37.2	70° 14.9	-				31° 37.2	70° 14.3		LORAN	0530
154	6	2002	32° 58.5	70° 00.0	5368				32° 58.5	69° 58.5		LORAN	2300
155	73-7-7	0355	34° 52.5	70° 02.0	5027				34° 51.0	70° 02.2		LORAN	0646
156	7	0920	37° 00.1	69° 56.1	-				37° 02.6	69° 55.0		LORAN	1050
157	73-7-8	1400	37° 25.5	69° 57.0	-				37° 25.3	69° 59.3		LORAN	1517

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DATE:

TO: OC12

FROM: OC/3

SUBJECT: Error Correction in Processing of Data Set - Accession 17700437

1) File Type: C139 (STD)

2) Project Ident.: _____

3) ~~Tech~~ ^{Ref:} Nos.: 310071

Error

Correction Completed (Check)

Erreuer

Correction Completed (check)

III. Processor Name: _____

TAPE ASSIGNMENT SHEET

ACCESSION NO.: 7700437

REF. TRACK NO(s): 310071

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	02745	NL	V	1920	9-tr 1600 BPI EBCDIC	
Duplicate	W08744	SL	V	1920	9-tr 1600 BPI ASCII	
Reformatted						
First User						
Final User						

Ref: 7700437/310071
 ACCESSION/TRACK #

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
IGNITOR TAPE	8/8/83	8/8/83	02745	51	1920	V	
ADI/SCAN TAPE	1/8/83	8/8/83	W08744	51	1920	V	
SIGNED FOR PROCESS.							
IF EVALUATION							
QUALITY REVIEW							
RELIMINARY DATA SORT							
RELIMINARY MULCHEK							
FIRST USER TAPE							
WORK DISK FILE							
FINAL USER TAPE							
FINAL MULCHEK							
EDITED DISK FILE							
DATA SET "FINALIZED"							

YC11 EQ 7700437

07/28/83 07:21:55

ACCESSION NUMBER 7700437
DATE RECEIVED 060178

REFERENCE = 310071 CRUISE = 112 DATES 031173-051473 DUC = 1
COUNTRY = 31 UNITED STATES
02-MA WOODS HOLE OCEANOGRAPHIC INST (WOODS HOLE)
FILE-ALIAS = C139 OCEAN STATION DATA (ELECTRONIC CTD)
PROJECT = ♦♦♦♦ NO PROJECT MEDIUM = 09 MAG TAPE DIG NDDC
PLATFORM = CI CHAIN // TYPE = SHIP
STATIONS-IN = 40 STATIONS-OUT = 0 RECORD COUNT = 0
STATUS: RES SU SP H-PRO PROCESS DIP MASTER RETCOR
 060178 060178

1 TRACK RECORD SELECTED