

DDF-13:3:02

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-72)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852

FORM APPROVED
O.M.B. No. 41-R2651

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

NODC REEL 10329

Cruise

310020

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

UNIVERSITY OF HAWAII
Dept. of Oceanography
Honolulu, HA, 96822

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

LINE ISLANDS EXPEDITION

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

NONE
STATION NUMBER ONLY

4. PLATFORM NAME(S)

USCGC
SURVEYOR

5. PLATFORM TYPE(S)
(E.G., SHIP, BUOY, ETC.)

Ship

6. PLATFORM AND OPERATOR NATIONALITY(IES)

PLATFORM	OPERATOR
US	US

7. DATES

FROM: MO, DAY, YR	TO: MO, DAY, YR
13 FEB 1967	31 MARCH 1967

8. ARE DATA PROPRIETARY?

NO YES

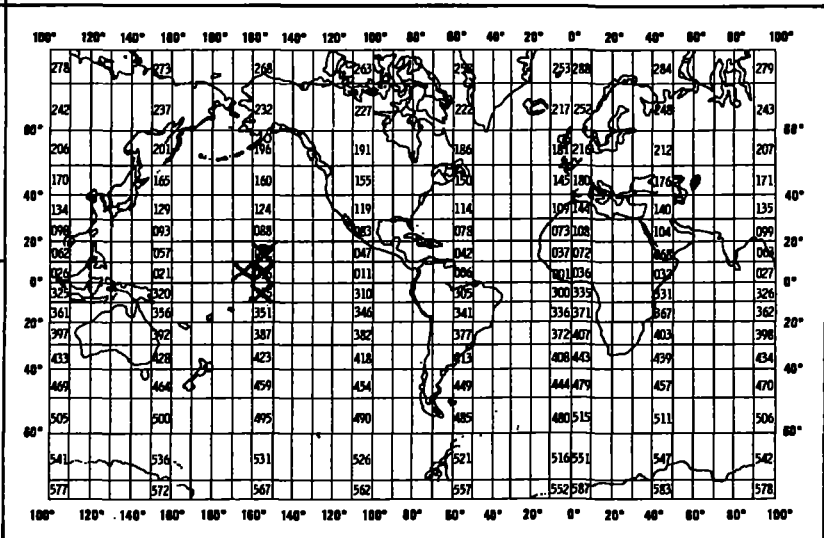
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ___ MONTH ___

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

GENERAL AREA

9. ARE DATA DECLARED NATIONAL DATA (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. KLAUS WYRTKI
University of Hawaii
Department of Oceanography
2525 Correa Road
Honolulu, Hawaii 96822

B. SCIENTIFIC CONTENT

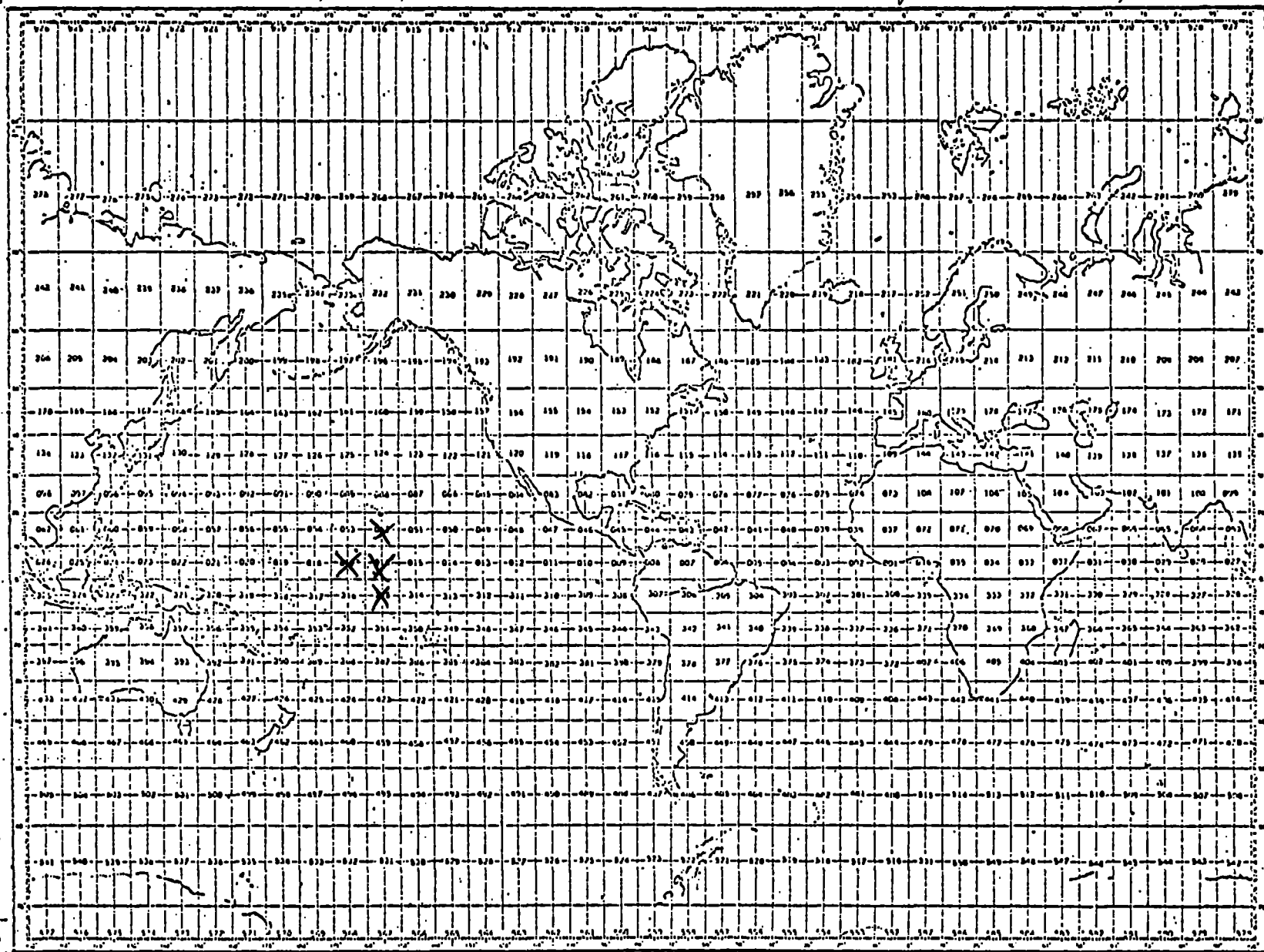
Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and 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)

Line Island Expedition, 1967



Please place a large X in the square(s) for which data are documented in attached Data Documentation Form.

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
<p>Temp.</p> <p>Sal.</p> <p>Depth</p>	<p>°C</p> <p>‰</p> <p>m</p>	<p>} STD</p> <p>Bissett-Berman</p> <p>Model 9006</p>	<p>N/A.</p>	<p>Values are integrals over 2 seconds during lowering at 2 m/sec</p> <hr/> <p>they were filtered to remove salinity spikes.</p> <hr/> <p>* Data for stations 11, 42, 48, 71, 72, 78, 81 were read from the graphical recorder, because of breakdown of the electronic processing equipment</p>

B. SCIENTIFIC CONTENT

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

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:

*NODC Station Data I Format
See NODC Pub: M-2*

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER _____
ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
7. PARITY <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN	
8. DENSITY <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES 3200
	13. LENGTH OF BYTES IN BITS

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 <small>(e.g., bits, bytes)</small>	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 (✓)	

ERROR CORRECTION DOCUMENTATION FORM

DATE:

TO: OC12

FROM: OC13

SUBJECT: Error Correction in Processing of Data Set - Accession # 6800217

- 1) File Type: C148(STD)
- 2) Project Ident.:
- 3) ~~#~~^{Ref} Nos.: 310020

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name:

TAPE ASSIGNMENT SHEET

ACCESSION NO.: 6800217

^{Rel.}
~~TRACT~~ NO(s): 310020

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	Ø1358	S #L	80	3200	9-tr 1600 BPI EBCDIC (?)	
Duplicate	W08222	SL	80	4000	9-tr 1600 BPI ASCII	
Reformatted						
First User						
Final User						

DATA SET ROUTE SHEET

ACCESSION/TRACK # ^{Ref} 6800217/310020

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
IGNITOR TAPE	8/8/83	8/8/83	01358	74	3200	80	
ADI/SCAN TAPE	8/8/83	8/8/83	W08222	74	4000	80	
SIGNED FOR PROCESS.							
OF 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"							

>C11 EQ 6800217

ACCESSION NUMBER 6800217
DATE RECEIVED 112268

07/28/83 07:16:33

REFERENCE = 310020 CRUISE = DATES 020167-030167 DUC = 3
COUNTRY = 31 UNITED STATES
 = 02-HI UNIV. OF HAWAII (HONOLULU)
FILE-ALIAS = 0149 HIGH RESOLUTION STD DATA
PROJECT = ♦♦♦♦ NO PROJECT MEDIUM = 21 MAG TAPE NON-MDDC
PLATFORM = SU SURVEYOR TYPE = SHIP
 STATIONS-IN = 74 STATIONS-OUT = 0 RECORD COUNT = 0
STATUS: RES SU SP H-PRO PROCESS DIP MASTER RETCOR
 110392 030176

NOV 22 REC'D

UNIVERSITY OF HAWAII

Department of Oceanography

30 October 1968

Mr. W. L. Molo
N O D C - Services Division
Washington, D.C. 20390

Dear Mr. Molo:

I am sending you data from 29 current meter stations. These measurements were made in the Hawaiian Archipelago and near Palmyra between 1965 and 1968. The data are being submitted in the form of punched cards. For each current meter station you will find that the first seven punched cards contain information relevant to the station in clear text, such as station number, dates, position, depth, time zone, and some information regarding absolute times. The following cards are data cards, each one containing 12 sets of current speed and current direction for a given three-hour period at 15-minute intervals. Current speed is given by the first three digits in centimeters per second without decimals. Current direction is given by the next three digits from 001° to 360°. The direction given is the true direction (not the magnetic) into which the current flows. Twelve such pairs fill a three-hour interval at the recording interval of 15 minutes. Columns 74 through 76 on the punched cards repeat the number of the current meter station, and columns 78 through 80 give the running card number. This information has been added in order to avoid confusion of cards between different sets. I am including a listing of the punched cards for current meter station #206 as an example.

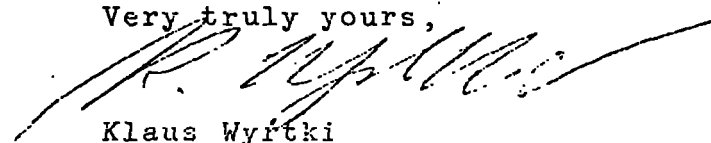
The records from current meter stations 1 through 27 were obtained with paddle-wheel current meters manufactured by Hydrowerkstätten of Kiel, Germany, and were recording at five-minute intervals. Those data were reduced to 15-minute intervals.

The records from current meter stations 102 through 107 were obtained with Geodyne magnetic-tape-recording current meters, recording at 15-minute intervals.

The records from current meter stations 200 through 207 were obtained with Geodyne film-recording current meters, also measuring at 15-minute intervals.

I hope that the data are useful to you. We are including a National Marine Data Inventory sheet listing them. We intend to submit more data of this nature in the future as our operations continue.

Very truly yours,


Klaus Wyr̄tki
Professor of Oceanography

Encls-2

3 boxes of punched cards under separate cover

6800217

NO. → 68-0217 - ~~68-0217~~

72.0520
[Handwritten signature]

UNIVERSITY OF HAWAII

Department of Oceanography

14 March 1972

Acquisition Branch
NATIONAL OCEANOGRAPHIC DATA CENTER
Washington, D.C. 20390

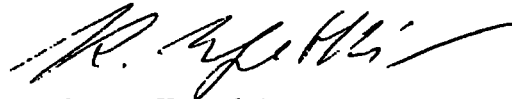
Gentlemen:

I am sending you current meter data from six stations which were acquired under an Office of Naval Research contract. These data are being submitted in the form of punched cards, under separate mailing, and in the same format as data we have previously submitted (see attached copy of my letter of 30 October 1968). These data contain five stations occupied on deep moorings north of Hawaii and one long record taken on Penguin Bank near Molokai. These data have been used in the preparation of Hawaii Institute of Geophysics report "Current Measurements in the Central North Pacific Ocean" by Wm. C. Patzert, Klaus Wyrтки, and Howard J. Santamore (Reference No. HIG-70-31).

The format of the data cards is explained in the attached copy of my letter and is also explained in the above-mentioned publication. The records are all from Geodyne film-recording current meters with the exception of Station 301 which is from a Aanderaa-type current meter.

I hope that these data will be useful to you. We are also including a National Marine Data Inventory sheet listing these data.

Very truly yours,



Klaus Wyrтки
Professor of Oceanography

Encl

30 October 1968

Mr. W. L. Molo
N O D C
Washington, D.C. 20390

Dear Mr. Molo:

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Very truly yours,

Klaus Wyrcki
Professor of Oceanography

Encls-2

3 boxes of punched cards under separate cover

000166

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY)

RPS

DATE OF ENTRY: 09/09/85

REFERENCE NUMBER: TT3206 ACCESSION NUMBER: 6800217

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

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape DINDB CODE 09

EXCHANGE (FORMAT): E018 - STD/CTD (F022)

PROCESSING (FORMAT): F022 - CTD/STD

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

INSTITUTE (COUNTRY AND INSTITUTE CODES): 31R2 - Univ. Hawaii (Honolulu)

PLATFORM (COUNTRY AND PLATFORM CODES): 31TU -

PLATFORM TYPE: 9 - Ship DINDB CODE 09

ORIGINATORS FILE ID: _____ ORIGINATORS CRUISE ID: _____

CRUISE START DATE: 06/14/67 CRUISE END DATE: 06/17/67 Press PgDn

PROJECT CODE: _____ DATA USE CODE (DUC): 3 to continue

VOLUME - NUMBER OF STATIONS: 37 NUMBER OF RECORDS: 2,810

If STA/REC counts are not appropriate then enter -

NUMBER: _____ UNITS: _____

OCEAN AREA

CODE 1: 57 MEANING: North Pacific Ocean

CODE 2: _____ MEANING: _____

CODE 3: _____ MEANING: _____

DINDB TRACK TRANSACTION GENERATED: / /

ACCESSION NO. 6800217

FILETYPE F022

TRACK NO. TT3206

PROJECT IDENTIFICATION _____

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE <u>LINEIS</u>				1	80	3200	
DUPLICATE TAPE <u>W12715</u>	<u>1/21/83</u>		<u>DNODX82NODC152-01.</u>	1	80	3200	
REFORMATTED TAPE							
REFORMATTED DISK	<u>9/5/85</u>	<u>RPS</u>	<u>DNODC*LINEISOUT.</u>	1	120	224	<u>2810</u>
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.)

D3206c
copy
022 checked
1
9
21
28
44
56

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-72)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20882

FORM APPROVED
O.M.B. No. 41-R2651

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A. ORIGINATOR IDENTIFICATION

NOTE

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
UNIVERSITY OF HAWAII
Dept. of Oceanography 31R2
Honolulu, HA, 96822

WRONG DDF

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

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

4. PLATFORM NAME(S)
USCGC
SURVEYOR
3154

5. PLATFORM TYPE(S)
(E.G., SHIP, BUOY, ETC.)
Ship

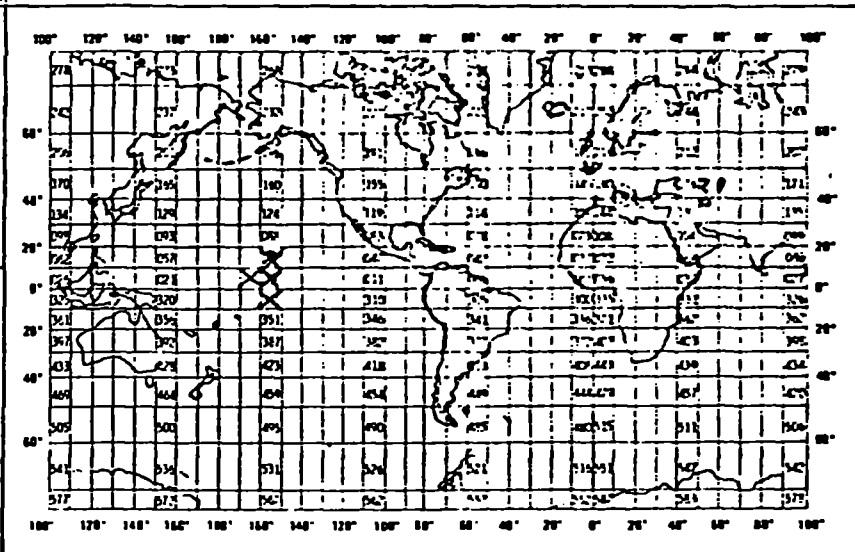
6. PLATFORM AND OPERATOR NATIONALITY(IES)
PLATFORM OPERATOR
US US

7. DATES
FROM: MO, DAY, YR TO: MO, DAY, YR
13 FEB 1967 31 MARCH 1967

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.
GENERAL AREA

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. KLAUS WYRTKI
University of Hawaii
Department of Oceanography
2525 Correa Road
Honolulu, Hawaii 96822

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE
 GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

*NODC Station Data I Format
 See NODC Pub. 11-2*

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:
 NAME AND PHONE NUMBER _____
 ADDRESS _____

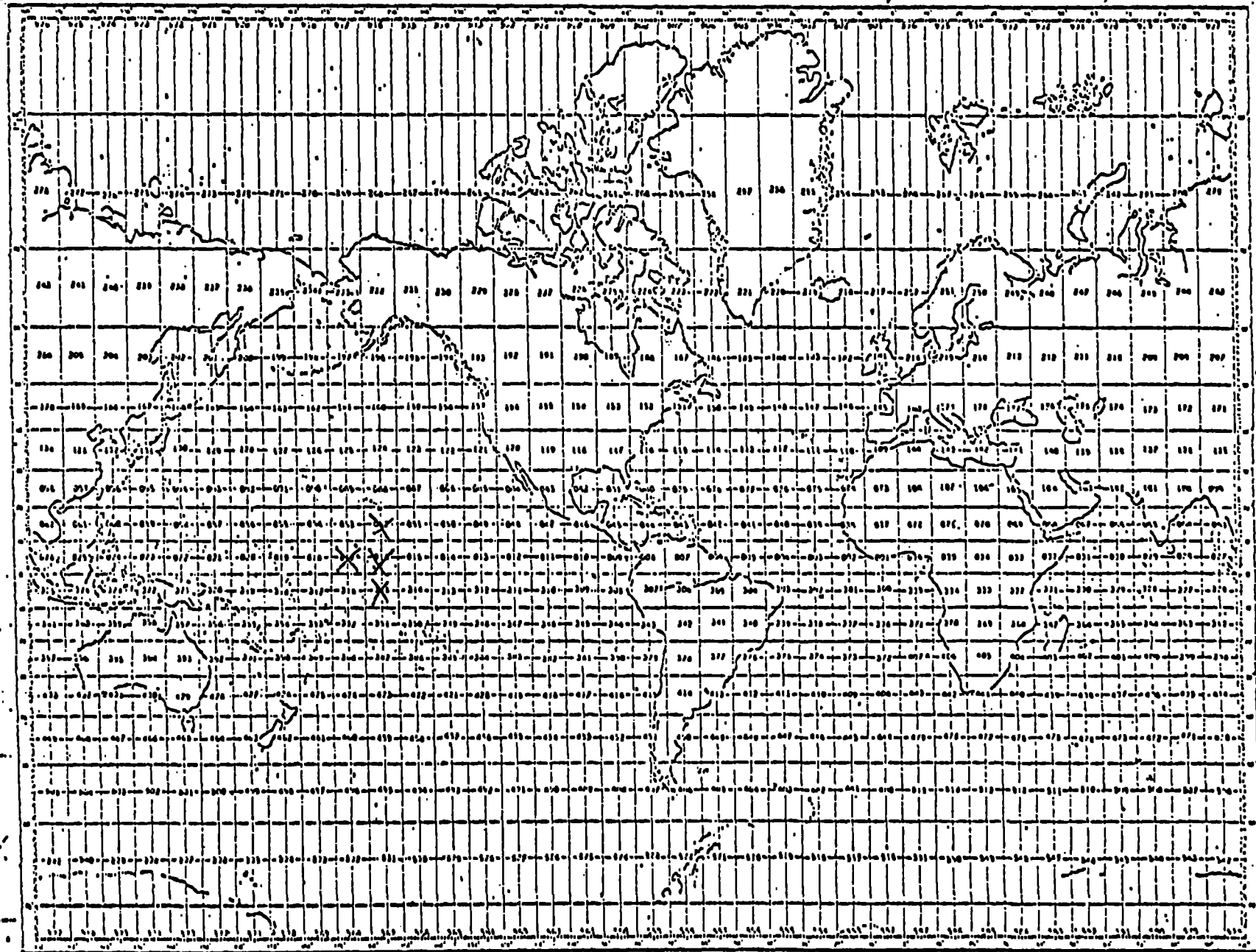
COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input 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><i>Tape # LINE IS</i></p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p><i>3200</i></p>
	<p>13. LENGTH OF BYTES IN BITS</p>

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Temp. Sal. Depth	°C ‰ m	} STD } Bissett-Berman Model 9006	N/A	Values are integrals over 2 seconds during lowering at 2 m/sec <hr/> They were filtered to remove salinity spikes. <hr/> * Data for Stations 11, 42, 48, 71, 72, 78, 81 were read from the graphical recorder, because of breakdown of the electronic processing equipment

Line Island Expedition, 1967



Please place a large X in the square(s) for which data are documented in attached
Data Documentation Form

DATE:

TO: D711

FROM: D713

SUBJECT: Error Correction in Processing of Data Set - Accession # 68-0217

- 1) File Type: STD (SD-1 format)
- 2) Project Ident.: (Line Island Exp)
- 3) Track Nos.: _____

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: _____

CCFS' IN/TRACK NO.: *LG-0217*

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	<i>LINE IS</i> 112715	<i>N</i>	<i>80</i>	<i>3200</i>	<i>F</i>	<i>SD1 format 9TRK 1600BPI ODD EBCDIC</i>	
DUPLICATE	<i>W12715</i> 112715 112714	<i>N</i>	<i>80</i>	<i>3200</i>	<i>F</i>	<i>MASTER REC MISSING SD1 format 9TRK 1600BPI ODD EBCDIC</i>	
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

Step	Completion Date/Init.	Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE	<i>{old data}</i>	<i>(BP)</i>	LINEIS	1	3200	80
QUADI/SCAN TAPE			W12715	1	4000	80
ASSIGNED FOR PROCESS.			<i>(W12715)</i>			
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"						

MANSEN REF. #

6800217

MULDARS TRACK #

319554

TT 3206

MONITOR: CONTACT

Gerald W. Darnen

LOCATION OF F022 SOURCE

Archives (TT3206)

RECORD ALL ERRORS FOUND

CONSEC(S)

ERRORS FOUND

CONSEC(S)	ERRORS FOUND
10	Quest. Sal., levels 276 m, 376 m, 476 m
11	" " " 16 m, 276 m, 376 m
12	" " " 36 m, 376 m, 476 m
13	" " " 276 m, 376 m
14	" " " 376 m, 476 m
16	" " " 400 m
31	" " " 276 m, 376 m
2-5	" TEMP 0-276 m

✓

TEMP + SAL QUAD FLAGS ON 8 STATIONS

000170

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY)

RPS

DATE OF ENTRY: 09/10/85

REFERENCE NUMBER: 319554 ACCESSION NUMBER: 6800217

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): 31R2

PLATFORM (COUNTRY AND PLATFORM CODES): 31TU

PLATFORM TYPE: 9 - Ship DINDB CODE 09

ORIGINATORS FILE ID: _____ ORIGINATORS CRUISE ID: IT3206

CRUISE START DATE: 06/14/67 CRUISE END DATE: 06/17/67 Press PgDn

PROJECT CODE: _____ DATA USE CODE (DUC): 3 to continue

VOLUME - NUMBER OF STATIONS: 37 NUMBER OF RECORDS: 2,810

If STA/REC counts are not appropriate then enter -

NUMBER: _____ UNITS: _____

CEAN AREA

CODE 1: 57 MEANING: North Pacific Ocean

CODE 2: _____ MEANING: _____

CODE 3: _____ MEANING: _____

DINDB TRACK TRANSACTION GENERATED: / /

ACCESSION NO. 6800217FILETYPE C022TRACK NO. 319554PROJECT
IDENTIFICATION _____

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	NO. LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE				1	80	3200	
LINE IS							
DUPLICATE TAPE	1/21/83		DNOD*82NODC152-01.	1	80	3200	
WI2715							
REFORMATTED TAPE							
REFORMATTED DISK	9/5/85	RPS	DNODC*LINEISOUT.	1	120	224	2810
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.)

DATA DOCUMENTATION FORM

NOAA FORM 24-13
14-731

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20882

FORM APPROVED
O.M.B. No. 41-R7651

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 <i>UNIVERSITY OF HAWAII Dept. of Oceanography 31R2 Honolulu, HA, 96822</i>				<i>NOTE: WRONG DDF</i>											
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED <i>LINE ISLANDS EXPEDITION</i>			3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SUBMITMENT <i>NONE STATION NUMBER ONLY</i>												
4. PLATFORM NAME(S) <i>USCGC SURVEYOR 3154</i>		5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) <i>Ship</i>		6. PLATFORM AND OPERATOR NATIONALITY(IES) <table border="1"> <tr> <th>PLATFORM</th> <th>OPERATOR</th> <th>FROM: MO, DAY, YR</th> <th>TO: MO, DAY, YR</th> </tr> <tr> <td><i>US</i></td> <td><i>US</i></td> <td><i>13 FEB 1967</i></td> <td><i>31 MARCH 1967</i></td> </tr> </table>		PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR	<i>US</i>	<i>US</i>	<i>13 FEB 1967</i>	<i>31 MARCH 1967</i>	7. DATES	
PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR												
<i>US</i>	<i>US</i>	<i>13 FEB 1967</i>	<i>31 MARCH 1967</i>												
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. <i>GENERAL AREA</i>												
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)															
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) <i>DR. KLAUS WYRTKI University of Hawaii Department of Oceanography 2525 Correa Road Honolulu, Hawaii 96822</i>															

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

NODC Station Data I Format
See NODC Pub. 11-2

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER _____

ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) <i>Tape # LINE IS</i>
7. PARITY <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN	
8. DENSITY <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES <i>3200</i>
	13. LENGTH OF BYTES IN BITS

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
<p>Temp.</p> <p>Sal.</p> <p>Depth</p>	<p>°C</p> <p>‰</p> <p>m</p>	<p>} STD</p> <p>Bissett-Berman</p> <p>Model 9006</p>	<p>N/A.</p>	<p>Values are integrals over 2 seconds during lowering at 2 m/sec</p> <hr/> <p>They were filtered to remove salinity spikes.</p> <hr/> <p>* Data for Stations 11, 42, 48, 71, 72, 78, 81 were read from the graphical recorder, because of breakdown of the electronic processing equipment</p>

DATE:

TO: D711

FROM: D713

SUBJECT: Error Correction in Processing of Data Set - Accession # 68-0217

- 1) File Type: STD (SD-1 format)
- 2) Project Ident.: (Linc Island Exp)
- 3) Track Nos.: _____

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

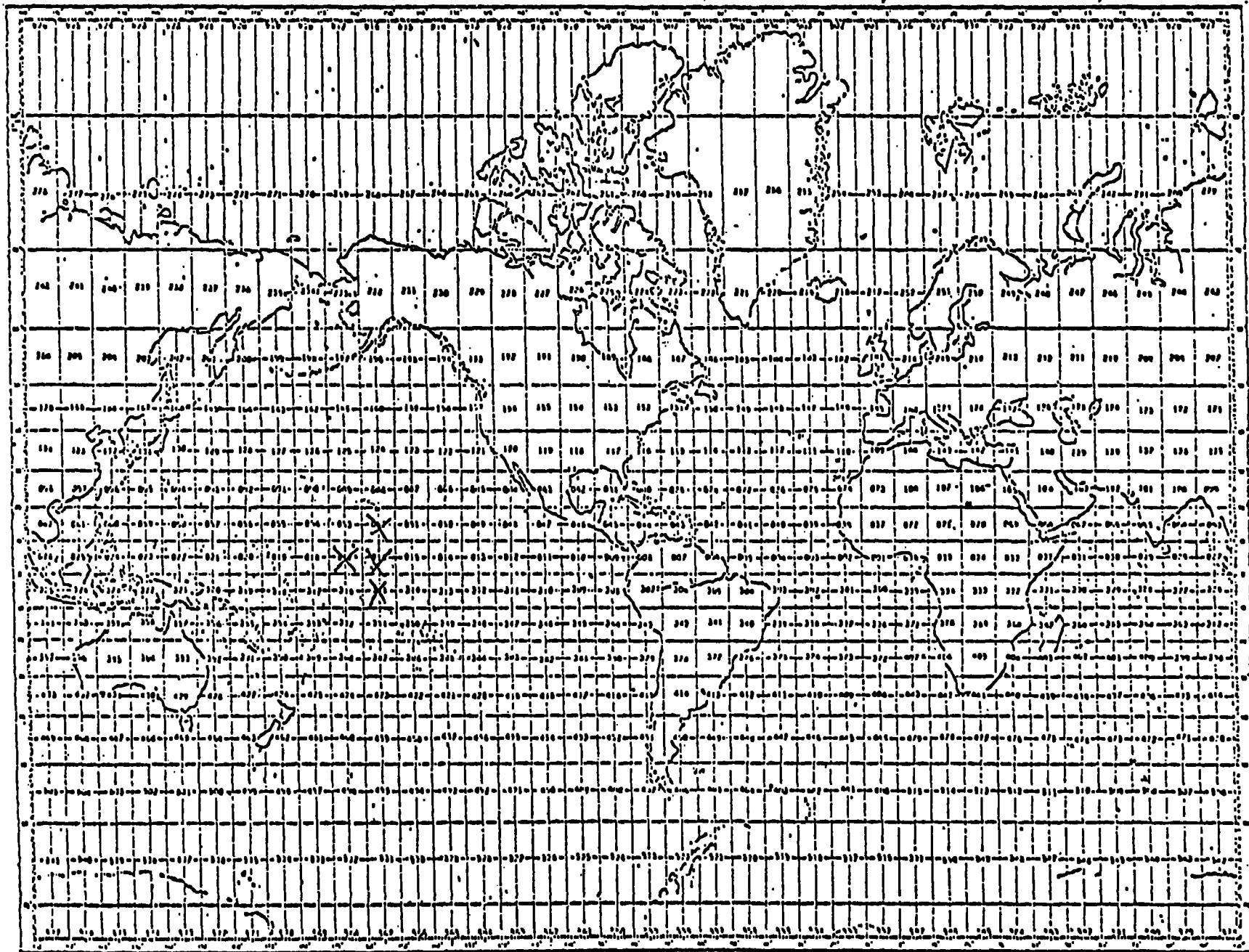
Correction Completed (Check)

III. Processor Name: _____

CFS DSN/TRACK NO.: L8-0217

TYPE OF FILE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	LINE IS LINE IS	N	80	3200	F	SD1 Format 9TRK 1600BPI ODD EBCDIC	
DUPLICATE	W12715 W12715 W12715 W12715	N	80	3200	F	MASTER REC MISSING SD1 Format 9TRK 1600BPI ODD EBCDIC	
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

Line Island Expedition, 1967



Please place a large X in the square(s) for which data are documented in attached

Step	Completion Date/Init.	Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE	{old data}	JBP	LINEIS	1	3200	80
QUAD/SCAN TAPE			W12715 (W12715)	1	4000	80
ASSIGNED FOR PROCESS.						
PDF 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"						

6800217

NAHSEN REF. #

319457

MULDARS TRACK #

TT3073

MONITOR: CONTACT

Gerald W. Damon

LOCATION OF F022 SOURCE

Archives (TT3073)

RECORD ALL ERRORS FOUND

CONSEC(S).

ERRORS FOUND

None

NAHSEN REF. #

319456

MULDARS TRACK #

TT3072

MONITOR: CONTACT

J. Frank

LOCATION OF F022 SOURCE

Archives (TT3072)

RECORD ALL ERRORS FOUND

CONSEC(S)

27

60

ERRORS FOUND

Delete station

Delete station

L30567

Muldars corrections
M.L. 4/16/85

Green

T-CD []

N.O.D.C. -- NAPIS RECORD

~~ACCESSION NO [6800217]~~

~~DATE RECEIVED: YR [68] MO [11] DAY [23]~~

PUB-NO []

T-CD [TA]

N.O.D.C. -- TRACK RECORD

ACCESSION NO [6800217] REFERENCE NO [T73072] DNP (Y/N) []

COUNTRY CODE [31] COUNTRY [USA]

INST. CODE [R2]
[Hi Univ. of Hawaii (Honolulu)]

FILE-ALIAS [F022] FILE-NAME [STD/CTD]

PRJ-NAME [] PROJ-NAME []

TYPE CODE [2] TYPE [Mag Tape (non-node)]

ATFORM: TYPE CODE [09] TYPE [Ship]

PLAT CODE [3154] NAME [Surveyor]

CRUISE NO [] CRUISE-START [670213] CRUISE-END [670301]

ACOUNT [] STATIONS-IN [78] STATIONS-OUT []

STATUS REJ [] SU [] SP [681122] QUAD []

DATES: PROCESS [] DIP [] VFUPDT [] RETCOR []

DATA TRACK: RU [] FILE-ID [] LEASE []

Cover

T-CD []

N.O.D.C. -- NAPIS RECORD

ACCESSION NO [6800217]

DATE RECEIVED: YR [68] MO [11] DAY [22]

PUB-NO []

T-CD [TA]

N.O.D.C. -- TRACK RECORD

ACCESSION NO [6800217] REFERENCE NO [319456] DNP (Y/N) [N]

COUNTRY CODE [31] COUNTRY [USA]

INST. CODE [R2]
[HI Univ. of Hawaii (Honolulu)]

FILE-ALIAS [C022] FILE-NAME [Low Resolution STD / CTD]

PROJ-CODE [] PROJ-NAME []

PLAT CODE [21] TYPE [mag tape (non-NODC)]

ATFORM:
TYPE CODE [09] TYPE [Ship]

PLAT CODE [3154] NAME [Surveyor]

CRUISE NO [TT3072] CRUISE-START [670213] CRUISE-END [670331]

ACOUNT [] STATIONS-IN [78] STATIONS-OUT []

STATUS REJ [] SU [] SP [681122] QUAD []

DATES: PROCESS [] DIP [] VFUPOT [] RETCOR []

DATA TRACK: RU [] FILE-ID [] LEASE []

T-CD []

N.O.D.C. -- NAPIS RECORD

Green

ACCESSION NO [~~6800217~~]

DATE RECEIVED: YR [68] MG [11] DAY [22]

PUB-NO [~~B~~]

T-CD [TA]

N.O.D.C. -- TRACK RECORD

ACCESSION NO [6800217] REFERENCE NO [T73073] DNP (Y/N) [Y]

COUNTRY CODE [31] COUNTRY [USA]

INST. CODE [02]
[H UNIV of Hawaii (Honolulu)]

FILE-ALIAS [F02] FILE-NAME [STOLC70]

PROJ-CODE [] PROJ-NAME []

PLAT CODE [2] TYPE [mag tape]

ATFORM: TYPE CODE [09] TYPE [Ship]

PLAT CODE [3154] NAME [Surveyor]

CRUISE NO [] CRUISE-START [670322] CRUISE-END [670322]

ACOUNT [] STATIONS-IN [3] STATIONS-OUT []

STATUS REJ [] SU [] SP [681122] GUACI []

DATES: PROCESS [] CIP [] MFUPDT [] RETCOR []

DATA TRACK: RU [] FILE-ID [] LEASE []

Weller

T-CD []

N.O.D.C. -- NAPIS RECORD

ACCESSION NO [6800217]

DATE RECEIVED: YR [68] MO [11] DAY [22]

PUB-NO []

T-CD [TA]

N.O.D.C. -- TRACK RECORD

ACCESSION NO [6800217] REFERENCE NO [319457] DNP (Y/N) [N]

COUNTRY CODE [31] COUNTRY [USA]

INST. CODE [R2]
[HI Univ of Hawaii (Honolulu)]

FILE-ALIAS [C022] FILE-NAME [Low Resolution STD / CTD]

PROJ-CODE [] PROJ-NAME []

PLATFORM: CODE [21] TYPE [mag tape (non-NODC)]

TYPE CODE [09] TYPE [Ship]

PLAT CODE [3154] NAME [Surveyor]

CRUISE NO [TT 3073] CRUISE-START [~~670323~~ 670322] CRUISE-END [~~670331~~ 670322]

RCOUNT [] STATIONS-IN [~~3~~ 3] STATIONS-OUT []

STATUS REJ [] SU [] SP [681122] QUACI []

DATES: PROCESS [] DIP [] *FUPDT [] RETCOR []

DATA TRACK: RU [] FILE-ID [] LEASE []

ED, R REX.
READ-ONLY MODE
ED 16R1-FRI-10/26/84-08:27:58-(0.)
EDIT

24.70

24

blank
depth
temp
sal
sigma-T

Time	Depth	Temp	Sal	Sigma-T
01904 15815	1670213208	001429811	112916675373512871	002000013
31SU1904 15815	670213	10000 2470 3458		002000013
31SU1904 15815	670213	10002 2470 3458		002000013
31SU1904 15815	670213	0004 2470 3458		002000013
31SU1904 15815	670213	0006 2470 3458		002000013
31SU1904 15815	670213	0008 2470 3458		002000013
31SU1904 15815	670213	0010 2470 3458		002000013
31SU1904 15815	670213	0012 2470 3458		002000013
31SU1904 15815	670213	0014 2470 3458		002000013
31SU1904 15815	670213	0016 2471 3458		002000013
31SU1904 15815	670213	0018 2471 3458		002000013
31SU1904 15815	670213	0020 2471 3458		002000013
31SU1904 15815	670213	0022 2471 3459		002000013
31SU1904 15815	670213	0024 2471 3459		002000013
31SU1904 15815	670213	0026 2470 3458		002000013
31SU1904 15815	670213	0028 2470 3458		002000013
31SU1904 15815	670213	0030 2471 3458		002000013
31SU1904 15815	670213	0032 2471 3458		002000013
31SU1904 15815	670213	0034 2471 3459		002000013
31SU1904 15815	670213	0036 2472 3461		002000013
31SU1904 15815	670213	0038 2472 3464		002000013
31SU1904 15815	670213	0040 2472 3468		002000013
31SU1904 15815	670213	0042 2468 3474		002000013
31SU1904 15815	670213	0044 2460 3478		002000013
31SU1904 15815	670213	0046 2456 3479		002000013
31SU1904 15815	670213	0048 2455 3480		002000013
31SU1904 15815	670213	0050 2454 3480		002000013
31SU1904 15815	670213	0052 2453 3480		002000013
31SU1904 15815	670213	0054 2452 3481		002000013
31SU1904 15815	670213	0056 2449 3482		002000013
31SU1904 15815	670213	0058 2443 3483		002000013
31SU1904 15815	670213	0060 2440 3483		002000013
31SU1904 15815	670213	0062 2439 3483		002000013
31SU1904 15815	670213	0064 2439 3483		002000013
31SU1904 15815	670213	0066 2441 3483		002000013
31SU1904 15815	670213	0068 2442 3483		002000013
31SU1904 15815	670213	0070 2443 3484		002000013
31SU1904 15815	670213	0072 2443 3485		002000013
31SU1904 15815	670213	0074 2444 3486		002000013
31SU1904 15815	670213	0076 2445 3487		002000013
31SU1904 15815	670213	0078 2445 3489		002000013
31SU1904 15815	670213	0080 2442 3490		002000013
31SU1904 15815	670213	0082 2434 3491		002000013
31SU1904 15815	670213	0084 2424 3492		002000013
31SU1904 15815	670213	0086 2418 3493		002000013
31SU1904 15815	670213	0088 2413 3494		002000013
31SU1904 15815	670213	0090 2409 3494		002000013
31SU1904 15815	670213	0092 2405 3495		002000013
31SU1904 15815	670213	0094 2400 3495		002000013
31SU1904 15815	670213	0096 2396 3496		002000013
31SU1904 15815	670213	0098 2391 3497		002000013
31SU1904 15815	670213	0100 2386 3498		002000013
31SU1904 15815	670213	0102 2381 3499		002000013
31SU1904 15815	670213	0104 2376 3499		002000013
31SU1904 15815	670213	0106 2372 3500		002000013
31SU1904 15815	670213	0108 2368 3500		002000013

31SU1904	15815	670213	0110	2361	3500	002000013
31SU1904	15815	670213	0112	2354	3500	002000013
31SU1904	15815	670213	0114	2351	3500	002000013
31SU1904	15815	670213	0116	2350	3501	002000013
31SU1904	15815	670213	0118	2349	3501	002000013
31SU1904	15815	670213	0120	2345	3502	002000013
31SU1904	15815	670213	0122	2336	3502	002000013
31SU1904	15815	670213	0124	2328	3501	002000013
31SU1904	15815	670213	0126	2325	3501	002000013
31SU1904	15815	670213	0128	2315	3501	002000013
31SU1904	15815	670213	0130	2290	3502	002000013
31SU1904	15815	670213	0132	2269	3502	002000013
31SU1904	15815	670213	0134	2260	3503	002000013
31SU1904	15815	670213	0136	2252	3503	002000013
31SU1904	15815	670213	0138	2244	3503	002000013
31SU1904	15815	670213	0140	2236	3503	002000013
31SU1904	15815	670213	0142	2231	3503	002000013
31SU1904	15815	670213	0144	2225	3503	002000013
31SU1904	15815	670213	0146	2213	3503	002000013
31SU1904	15815	670213	0148	2201	3502	002000013
31SU1904	15815	670213	0150	2194	3502	002000013
31SU1904	15815	670213	0152	2191	3502	002000013
31SU1904	15815	670213	0154	2183	3502	002000013
31SU1904	15815	670213	0156	2164	3502	002000013
31SU1904	15815	670213	0158	2144	3502	002000013
31SU1904	15815	670213	0160	2131	3502	002000013
31SU1904	15815	670213	0162	2122	3502	002000013
31SU1904	15815	670213	0164	2115	3502	002000013
31SU1904	15815	670213	0166	2108	3502	002000013
31SU1904	15815	670213	0168	2097	3502	002000013
31SU1904	15815	670213	0170	2084	3502	002000013
31SU1904	15815	670213	0172	2073	3502	002000013
31SU1904	15815	670213	0174	2065	3501	002000013
31SU1904	15815	670213	0176	2054	3501	002000013
31SU1904	15815	670213	0178	2044	3500	002000013
31SU1904	15815	670213	0180	2034	3500	002000013
31SU1904	15815	670213	0182	2025	3500	002000013
31SU1904	15815	670213	0184	2020	3500	002000013
31SU1904	15815	670213	0186	2015	3499	002000013
31SU1904	15815	670213	0188	2003	3499	002000013
31SU1904	15815	670213	0190	1989	3498	002000013
31SU1904	15815	670213	0192	1982	3497	002000013
31SU1904	15815	670213	0194	1978	3497	002000013
31SU1904	15815	670213	0196	1971	3496	002000013
31SU1904	15815	670213	0198	1962	3495	002000013
31SU1904	15815	670213	0200	1951	3494	002000013
31SU1904	15815	670213	0202	1939	3493	002000013
31SU1904	15815	670213	0204	1928	3493	002000013
31SU1904	15815	670213	0206	1918	3492	002000013
31SU1904	15815	670213	0208	1907	3491	002000013
31SU1904	15815	670213	0210	1901	3490	002000013
31SU1904	15815	670213	0212	1892	3489	002000013
31SU1904	15815	670213	0214	1872	3487	002000013
31SU1904	15815	670213	0216	1848	3485	002000013
31SU1904	15815	670213	0218	1833	3484	002000013
31SU1904	15815	670213	0220	1826	3482	002000013
31SU1904	15815	670213	0222	1819	3481	002000013
31SU1904	15815	670213	0224	1808	3480	002000013
31SU1904	15815	670213	0226	1797	3478	002000013
31SU1904	15815	670213	0228	1790	3476	002000013
31SU1904	15815	670213	0230	1775	3473	002000013

31SU1904	15815	670213	0232	1740	3470	002000013
31SU1904	15815	670213	0234	1703	3468	002000013
31SU1904	15815	670213	0236	1681	3466	002000013
31SU1904	15815	670213	0238	1670	3464	002000013
31SU1904	15815	670213	0240	1663	3462	002000013
31SU1904	15815	670213	0242	1647	3461	002000013
31SU1904	15815	670213	0244	1623	3460	002000013
31SU1904	15815	670213	0246	1608	3460	002000013
31SU1904	15815	670213	0248	1600	3458	002000013
31SU1904	15815	670213	0250	1587	3457	002000013
31SU1904	15815	670213	0252	1573	3456	002000013
31SU1904	15815	670213	0254	1563	3454	002000013
31SU1904	15815	670213	0256	1551	3452	002000013
31SU1904	15815	670213	0258	1529	3450	002000013
31SU1904	15815	670213	0260	1508	3448	002000013
31SU1904	15815	670213	0262	1495	3446	002000013
31SU1904	15815	670213	0264	1484	3444	002000013
31SU1904	15815	670213	0266	1469	3442	002000013
31SU1904	15815	670213	0268	1446	3441	002000013
31SU1904	15815	670213	0270	1423	3439	002000013
31SU1904	15815	670213	0272	1410	3437	002000013
31SU1904	15815	670213	0274	1396	3434	002000013
31SU1904	15815	670213	0276	1369	3432	002000013
31SU1904	15815	670213	0278	1338	3429	002000013
31SU1904	15815	670213	0280	1312	3427	002000013
31SU1904	15815	670213	0282	1290	3426	002000013
31SU1904	15815	670213	0284	1275	3425	002000013
31SU1904	15815	670213	0286	1266	3423	002000013
31SU1904	15815	670213	0288	1255	3421	002000013
31SU1904	15815	670213	0290	1239	3420	002000013
31SU1904	15815	670213	0292	1224	3419	002000013
31SU1904	15815	670213	0294	1215	3419	002000013
31SU1904	15815	670213	0296	1207	3418	002000013
31SU1904	15815	670213	0298	1193	3418	002000013
31SU1904	15815	670213	0300	1180	3418	002000013
31SU1904	15815	670213	0302	1171	3419	002000013
31SU1904	15815	670213	0304	1157	3418	002000013
31SU1904	15815	670213	0306	1143	3417	002000013
31SU1904	15815	670213	0308	1136	3416	002000013
31SU1904	15815	670213	0310	1131	3416	002000013
31SU1904	15815	670213	0312	1127	3415	002000013
31SU1904	15815	670213	0314	1121	3414	002000013
31SU1904	15815	670213	0316	1109	3413	002000013
31SU1904	15815	670213	0318	1096	3413	002000013
31SU1904	15815	670213	0320	1091	3413	002000013
31SU1904	15815	670213	0322	1089	3413	002000013
31SU1904	15815	670213	0324	1085	3413	002000013
31SU1904	15815	670213	0326	1076	3412	002000013
31SU1904	15815	670213	0328	1070	3412	002000013
31SU1904	15815	670213	0330	1060	3411	002000013
31SU1904	15815	670213	0332	1041	3411	002000013
31SU1904	15815	670213	0334	1026	3411	002000013
31SU1904	15815	670213	0336	1020	3412	002000013
31SU1904	15815	670213	0338	1015	3412	002000013
31SU1904	15815	670213	0340	1009	3412	002000013
31SU1904	15815	670213	0342	1005	3412	002000013
31SU1904	15815	670213	0344	1000	3412	002000013
31SU1904	15815	670213	0346	0995	3411	002000013
31SU1904	15815	670213	0348	0988	3410	002000013
31SU1904	15815	670213	0350	0979	3410	002000013
31SU1904	15815	670213	0352	0971	3409	002000013

3100020

ACCESSION
NUMBER

68-0217

DATA DOCUMENTATION FORM

B. 3: 02

NOAA FORM 24-13
(4-72)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852FORM APPROVED
O.M.B. No. 41-R2651

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED UNIVERSITY OF HAWAII Dept. of Oceanography Honolulu, HA, 96822			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED LINE ISLANDS EXPEDITION		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT NONE STATION NUMBER ONLY	
4. PLATFORM NAME(S) USCGC SURVEYOR	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR US US	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 13 FEB 1967 31 MARCH 1967
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. GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) DR. KLAUS WYRTKI University of Hawaii Department of Oceanography 2525 Correa Road Honolulu, Hawaii 96822			

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

*NODC Station Data I Format
See NODC Pub. 11-2*

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER _____
ADDRESS _____

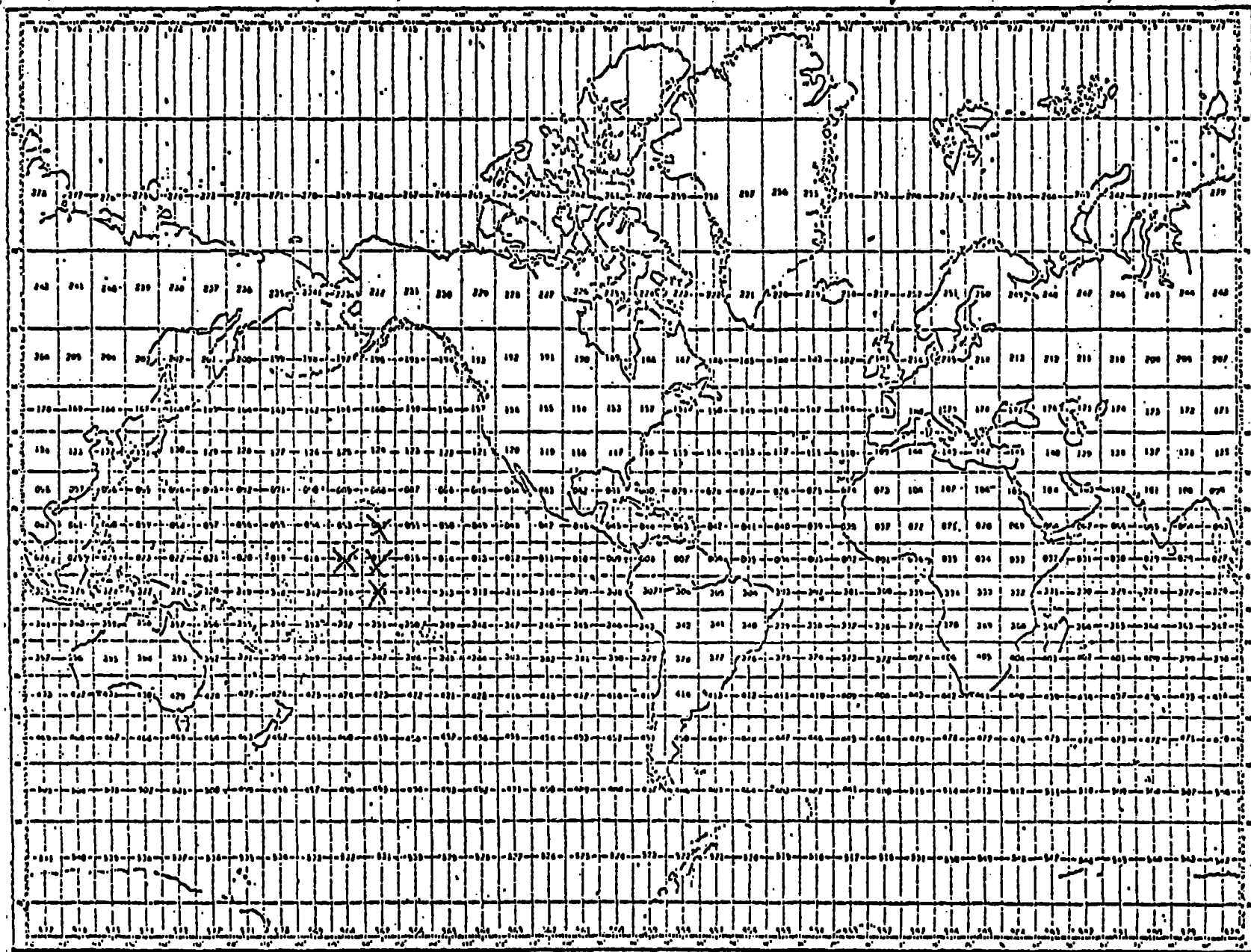
COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input 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 <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 KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p><i>Tape # LINE IS</i></p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 536 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p><i>3200</i></p> <p>13. LENGTH OF BYTES IN BITS</p>

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Temp. Sal. Depth	°C ‰ m	} STD Bissett-Berman Model 9006	N/A	<p>Values are integrals over 2 seconds during lowering at 2 m/sec</p> <hr/> <p>They were filtered to remove salinity spikes.</p> <hr/> <p>* Data for stations 11, 42, 48, 71, 72, 78, 81 were read from the graphical recorder, because of breakdown of the electronic processing equipment</p>

Line Island Expedition, 1967



Please place a large X in the square(s) for which data are documented in attached Data Documentation Form.

DATE:

TO: D711

FROM: D713

SUBJECT: Error Correction in Processing of Data Set - Accession # 68-0217

- 1) File Type: STD (SD-1 format)
- 2) Project Ident.: (Lone Island Exp)
- 3) Track Nos.: _____

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)


II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: _____

ACCESSION/TRACK # _____

Step	Completion Date/Init.	Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE	<i>{old data}</i> 	LINEIS	1	3200	80	
QUADI/SCAN TAPE		W12714	1	4000	80	no longer belongs
ASSIGNED FOR PROCESS.						to NODC
DDF EVALUATION						
QUALITY REVIEW						
PRELIMINARY DATA SORT						
PRELIMINARY MULCHEK						
FIRST USER TAPE						
WORK DISK FILE						
FINAL USER TAPE						
MULCHEK						
EDITED DISK FILE						
DATA SET "FINALIZED"						

TAPE OR DISK ASSIGNMENT SHEET
(MRL) 11/6/78
(Rev. 11/80)

ACCOUNT/TRACK NO.: 68-0217

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	LINE IS LINE IS	N	80	3200	F	SD1 format 9TRK 1600BPI ODD EBCDIC	
DUPLICATE	LINE IS LINE IS W12717	N	80	3200	F	MASTER REC MISSING SD1 format 9TRK 1600BPI ODD EBCDIC	no longer belongs to NOSC
REFORMATTED							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

B. SCIENTIFIC CONTENT

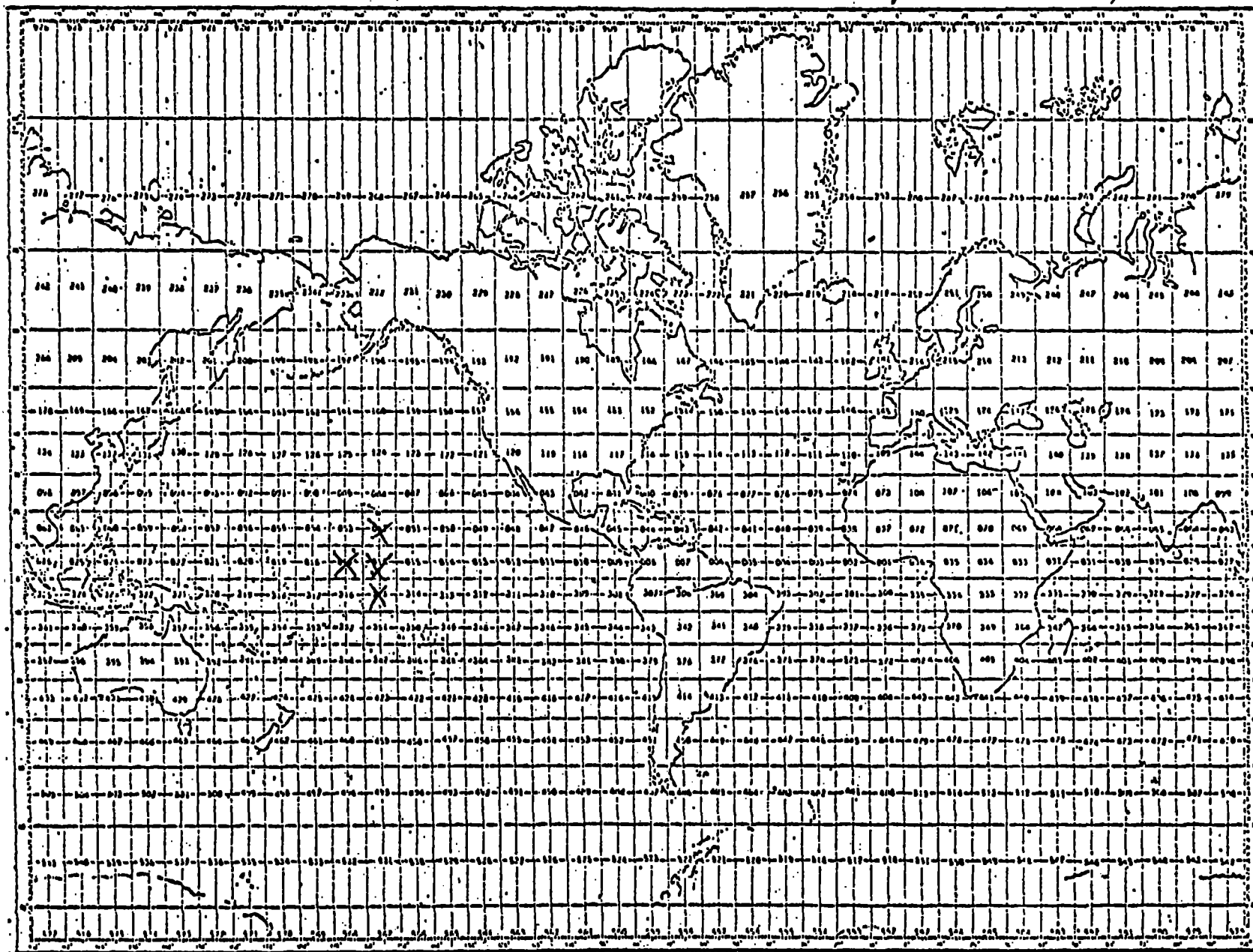
Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and 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)

Line Island Expedition, 1967.



Please place a large X in the square for which data are documented in attached Data Documentation Form.

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
<p>Temp.</p> <p>Sal.</p> <p>Depth</p>	<p>°C</p> <p>‰</p> <p>m</p>	<p>} STD</p> <p>Bissett-Berman</p> <p>Model 9006</p>	<p>N/A.</p>	<p>values are integrals over 2 seconds during lowering at 2m/sec</p> <hr/> <p>they were filtered to remove salinity spikes.</p> <hr/> <p>* Data for stations 11, 42, 48, 71, 72, 78, 81 were read from the graphical recorder, because of breakdown of the electronic processing equipment</p>

C. DATA FORMAT

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

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE
METHOD OF IDENTIFYING EACH RECORD TYPE:

*NODC Station Data I Format
See NODC Pub. M-2*

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER _____
ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
7. PARITY <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
8. DENSITY <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES 3200
	13. LENGTH OF BYTES IN BITS

TAPE ASSIGNMENT SHEET

ACCESSION NO.: 6800217

REF NO(s): 310020

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	Ø1358	S #L	80	3200	9-tr 1600 BPI EBCDIC (?)	
Duplicate	W08222	SL	80	4000	9-tr 1600 BPI ASCII	
Reformatted						
First User						
Final User						

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
INATOR TAPE	8/8/83	8/8/83	01358	74	3200	80	
I/SCAN TAPE	8/8/83	8/8/83	W08222	74	4000	80	
IGNED FOR PROCESS.							
EVALUATION							
ITY REVIEW							
IMINARY DATA SORT							
IMINARY MULCHEK							
ST USER TAPE							
K DISK FILE							
AL USER TAPE							
AL MULCHEK							
TED DISK FILE							
A SET "FINALIZED"							

>C11 EQ 6800217

ACCESSION NUMBER 6800217
DATE RECEIVED 112268

07/28/83 07:16:33

REFERENCE = 310020 CRUISE = DATES 020167-030167 DUC = 3
COUNTRY = 31 UNITED STATES
R2-HI UNIV. OF HAWAII (HONOLULU)
FILE-ALIAS = C148 HIGH RESOLUTION STD DATA
PROJECT = ♦♦♦ NO PROJECT MEDIUM = 21 MAG TAPE NON-NODC
PLATFORM = SU SURVEYOR TYPE = SHIP
STATIONS-IN = 74 STATIONS-OUT = 0 RECORD COUNT = 0
STATUS: RES SU SP H-PRO PROCESS DIP MASTER RETCOR
110382 030176