

B: 3: 21

84NODC 031

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8400019

- 1) File Type: 015
- 2) Project Ident.: OCSEAP
- 3) Track Nos.: TT1557 - TT1558

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

84-02

II. Additional error corrections:

Error

Correction Completed (Check)

no errors

III. Processor Name: MARY R. LEWIS

84 NODC 031

TAPE ASSIGNMENT SHEET

ACCESSION NO 8400019

TRACK NO(s) TT 1557 - TT 1558

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Re
Originator	R00871	NL	60	600		
Duplicate	W02508	SL	60			
Reformatted						
First User						
Final User						
Disk File	DNODE * MARY. TT 1557/1515 (19,678 records)					

Step
 ORIGINATOR TAPE
 QUAD/SCAN TAPE
 ASSIGNED FOR PROC
 DD EVALUATION
 QUALITY REVIEW
 PRELIMINARY C
 PRELIMINARY
 FIRST USER
 WORK DIS
 FINAL
 FINA
 ED

84NODC 031

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SUBJECT: Error Correction in Processing of Data Set - Accession # 8400019

- 1) File Type: 015
- 2) Project Ident.: OCSEAP
- 3) Track Nos.: TT1557 - TT1558

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 # 8400019

TT1557- TT1558

84N00C 031

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
	ORIGINATOR TAPE	2/7/84	K	R00871	1	600	60
QUAD/SCAN TAPE							
ASSIGNED FOR PROCESS.	3/13/84	K	W02508	1	600	60	19,678
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"							

NAME HALMINSKI	PHONE # 634- 7441	ORG/TASK # OCSEAP	DATE SUBMITTED 2/7/84	DATE DUE	BIN # 33
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED
 FT 015 **MAKE SL COPY. RUN SCAN AND LOOK ON OUTPUT, PRINT 200 RECORDS**
initialized tape, 1st copy, scan, look, print 84 NODC #31

INPUT MEDIUM PAPER CARD DISK TAPE DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT TAPE PLOT DISKETTE OTHER(SPECIFY)
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TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
INPUT	RU0871		9	1600	ODD	NL	FB	60	600	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			
OUTPUT	22156		9	1600	ODD	SL	60		600	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME DNOD*84 NODC #31			

SPECIAL INSTRUCTIONS	ESTIMATED EXECUTION TIME
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OPERATOR USE ONLY

#	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
	<i>2/8/84</i>	<i>8:32</i>	<i>8:46</i>	<i>C</i>	<i>MT1-MT2-3 mounts</i>

REMARKS
Completed - by E. G. Martin

NAME HALMINSKI	PHONE # 634- 7441	ORG/TASK # OCSEAP	DATE SUBMITTED 2/7/84	DATE DUE	BIN # 33
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INSTRUMENT TO BE USED AND FUNCTION TO BE PERFORMED

FT 015 RUN SCAN, LOOK

84 NODC 031

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

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
INPUT	RU0871		9	1600	ODD	NL	FB	60	600	1	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII <u>EBCDIC</u> BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
OUTPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD LENGTH	RECORD SIZE	MAX. BLOCK SIZE	# OF FILES	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED EXECUTION TIME

OPERATOR USE ONLY

NO.	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
103	2/7/84	1203	1206	C	MT2 - 1 mount

REMARKS

Completed by E.G. Mason

NAME HALMINSKI	PHONE # 634- 7441	ORG/TASK # OCSEAP	DATE SUBMITTED 3/8/84	DATE USE	BIN # 33
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APPARATUS TO BE USED AND FUNCTION TO BE PERFORMED

FT015 MAKE SL COPY, RUN SCAN AND LOOK ON OUTPUT TAPE.
ALSO PRINT 200 RECORDS

initialized tape, 1 dup, 1 sl copy, 1 scan, 1 look & 1 print
84 NODC #31

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

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
INPUT	R00871		9	1600	ODD	NL	FB	60	600	1	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII <u>EBCDIC</u> BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASSCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
OUTPUT	W02508		9	1600	ODD	SL	60		600	1	
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME DNOD * 84 NODC #31				PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD LENGTH	RECORD SIZE	MAX. BLOCK SIZE	# OF FILES	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASSCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED
EXECUTION
TIME

31 USE ONLY

#	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
431404	3/14/84	8:57	9:07	C	MT1-MT2-3 mounts

Completed by E.G. Masas

DATA DOCUMENTATION FORM

TT 1557 - TT 1558

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-K2651

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			
Science Applications, Inc. 13400B Northrup Way #36 Bellevue, WA 98005			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
OCSEAP Research Unit #87		Deployment: R/V Discoverer Cruise RP4 -DI-80B Leg IX, Nov.1980 Recovery: R/V Alpha Helix Cruise June 1981	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	5. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
BC-22 BC-26	Taut-wire current meter moorings	PLATFORM OPERATOR	FROM: MO, DAY, YR TO: MO, DAY, YR
		U.S. U.S.	11/10/80 (BC-22) 11/13/80 (BC-26) 6/3/81 6/2/81
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ___ MONTH ___		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW) Alaskan OCSEAP		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Dr. Robin D. Muench (206)747-7152			

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
U-component (E-W)	cm/sec	Aanderaa current meter	$U = \text{spd} * \sin(\text{dir})$	N/A
V-component (N-S)	cm/sec	as above	$V = \text{spd} * \cos(\text{dir})$	N/A
Temperature	degrees C	as above		
Time	hours, minutes	as above	crystal oscillator	N/A

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
U-component (E-W)	cm/sec	Aanderaa current meter	$U = \text{spd} * \sin(\text{dir})$	N/A
V-component (N-S)	cm/sec	Aanderaa current meter	$V = \text{spd} * \cos(\text{dir})$	N/A
Temperature	degrees C	Aanderaa current meter		
Time	hrs, min	Aanderaa current meter	crystal oscillator	N/A

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**

Master record: byte #10=2

Detail records: byte #10=3

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Single file containing

1 master record and 9941 detail records for meter 1813

1 master record and 9735 detail records for meter 3135

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Pat Morrison (206)543-6701

ADDRESS School of Oceanography, University of Washington, Seattle, WA 98195

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input 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 checked="" type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><input checked="" type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="text-align: center;">2 current meters SAICM1 OCSEAP RLL</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 style="text-align: center;">900</p>
	<p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center;">6</p>

RECORD FORMAT DESCRIPTION

RECORD NAME Meter Master Record

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '015'
File Identification	4	6	"	A6	
Record Type	10	1	"	I1	Always '2'
Meter Number	11	5	"	I5	
Latitude, Degrees	16	2	"	I2	
Minutes	18	2	"	I2	
Hundredths of minutes	20	2	"	I2	
Hemisphere	22	1	"	A1	'N'
Longitude, Degrees	23	3	"	I3	
Minutes	26	2	"	I2	
Hundredths of minutes	28	2	"	I2	
Hemisphere	30	1	"	A1	'W'
Depth to bottom	31	5	"	I5	Whole meters
Depth of current meter	36	5	"	I5	To tenths of a meter
Meter Usage Sequence number	41	3	"	I3	Number of times meter has been used.
Institution Code	44	2	"	A2	NODC Institution Code
Axis Rotation	46	3	"	I3	In whole degrees clockwise from true north of V axis
Location Name	49	6	"	A6	OCSEAP internal location code
Number of detail records	55	6	"	I6	Number of type '3' records

RECORD FORMAT DESCRIPTION

RECORD NAME DETAIL RECORD

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '015'
File Identification	4	6	"	A6	
Record Type	10	1	"	I1	Always '3'
Meter Number	11	5	"		Analogous to NODC Station Number
Year	16	2	"	I2	Last two digits of years)
Month	18	2	"	I2	1-12)
Day	20	2	"	I2	1-31)
Time,)
Hour	22	2	"	I2	0-23) GMT
Minute	24	2	"	I2	0-59)
Blank	26	2	"	2X	Blank
East-West (u)	28	6	"	I6	To hundredths. Positive (East, and North) understood. cm/sec
Current Component					Negative (West and South) with negative sign. cm/sec
North-South (v)	34	6	"	I6	
Current Component					
Temperature	40	5	"	I5	To thousandths. Minus sign when negative in °C
Blank	45	5	"	5X	Blank
Blank	50	4	"	4X	Blank
Blank	54	1	"	1X	
Sequence Number	55	6	"	I6	Ascending numeric, used for sorting

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

D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED (✓)
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
Aanderaa Model RCM-4	1/80		NWRCC		X				
Aanderaa Model RCM-4	1/80		NWRCC		X				



January 31, 1984

Mr. Sid Halminski
NODC Page Building 1
2001 Wisconsin Avenue
Washington, D.C. 20235

Dear Sid:

Enclosed is magnetic tape RU0871 containing File Type 015 data from Dr. Robin D. Muench, RU 087. Our processing is complete and these data are being submitted for archiving.

There are two File Identifiers, BC-22 and BC-26, included in the one tape file. Total number of records is now 19678. Included in the package is a DDF prepared by the originator and an LSIS Tape Specification Form.

Please let me know if any difficulty is encountered with this tape.

Sincerely,

Nancy W. Clayton

Nancy W. Clayton

cc: Robin D. Muench
Susan Swanner
William Johnson



TAPE SPECIFICATION FORM

Tape Volume Name -- RU0871

Recording Specifications --

Tracks:	9	Tape Files:	1
Density:	1600	Record Format:	FIXED BLOCKED
Parity:	ODD	Record Length:	60
Mode:	EBCDIC	Block Size:	600
Label:	NON-LABELED		

Data Specifications --

Received From: Robin D. Muench, RU 087
Coding Format: File Type 015
Data Set Names:

File#	Name
1	BC-22 BC-26

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8400019	F015	TT1557	0081	31SA	317F	1980/11/10	BC-22	148338
8400019	F015	TT1558	0081	31SA	317F	1980/11/13	BC-26	148339

(2 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
8400019	F015	TT1557	317F	8	9942	80/11/10	81/06/01
8400019	F015	TT1558	317F	8	9736	80/11/13	81/06/01

(2 rows affected)