

# DATA DOCUMENTATION FORM

NOAA FORM 24-11

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
1215 CONSTITUTION AVENUE, S.W.  
WASHINGTON, D.C. 20540

80000176  
TRACK NOS. 5766, 5767  
5768 5769 5770, 5771  
5772

FORM APPROVED  
O.M.B. No. 41-R2651  
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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

## A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Dr. Robert McInnes NOAA/PMEL 15 Rickover Blvd P.O. Box 380 Chesapeake, VA 22024			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED DTEC		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT Cruiser numbers: 11-27-56-503-535-544-1244	
4. PLATFORM NAME(S) Buoy Identification # 11-27-56 503- 535-544-1244	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) BUOY	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR U.S. N/A	7. DATES FROM: MO, DAY, YR 8/5/78 TO: MO, DAY, YR 5/20/79
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		9. PLEASE DARKEN ALL MARGINAL SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA 	
9. ARE DATA DECLARED NATIONAL PROGRAM (DPNP)? (IF SHOULD THEY BE INCLUDED IN WORLD DATA CENTER HOLDINGS FOR INTERNATIONAL 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 TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Dr. Robert McInnes NOAA/PMEL 15 Rickover Blvd Chesapeake, VA 22024	

## 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
Temperature	°C		1/A	

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

Each record represents a different buoy  
(Header & Data)

## 2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Header - Platform name, Platform type or system designation, name of investigator, starting date (YY-MM-DD), and date of program name.

Data - Identification of buoy  
Temperature

Observed latitude

Observed longitude

Observation date (YY-MM-DD)

Observation time (YY-MM-DD-HH:MM:SS)

## 3. ATTRIBUTES AS EXPRESSED IN

☐ PL-1

☐ ALGOL

☐ COBOL

☒ FORTRAN

☐ LANGUAGE
4. RESPONSIBLE COMPUTER SPECIALIST: MAYRA C. TORRES

NAME AND PHONE NUMBER 305 - 361-3361 x 326-329

ADDRESS 15 RICKENBACHER CANY Miami, Fla 33149

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

## 5. RECORDING MODE

☐ BCD

☐ BINARY

☒ ASCII

☐ EBCDIC
6. NUMBER OF TRACKS  
(CHANNELS)
☐ SEVEN

☒ NINE

## 7. PARITY

☒ ODD

☐ EVEN

## 8. DENSITY

☐ 200 BPI

☐ 1600 BPI

☐ 556 BPI

☒ 800 BPI

## 9. LENGTH OF INTER-RECORD GAP (IF KNOWN)

☒ 3/4 INCH

## 10. END OF FILE MARK

☐ OCTAL 17

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

APC/ADAPTION C/ASST RECORDS

File type 000

PCAL - C2

7 00000

11-127, 505-545-584

00000000

## 12. PHYSICAL BLOCK LENGTH IN BYTES

## 13. LENGTH OF BYTES IN BITS

# RECORD FORMAT DESCRIPTION

RECORD NAME

FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(C, B, B1, B2, B3, B4, B5, B6, B7, B8, B9, B10, B11, B12, B13, B14, B15, B16, B17, B18, B19, B20, B21, B22, B23, B24, B25, B26, B27, B28, B29, B30, B31, B32, B33, B34, B35, B36, B37, B38, B39, B40, B41, B42, B43, B44, B45, B46, B47, B48, B49, B50, B51, B52, B53, B54, B55, B56, B57, B58, B59, B60, B61, B62, B63, B64, B65, B66, B67, B68, B69, B70, B71, B72, B73, B74, B75, B76, B77, B78, B79, B80, B81, B82, B83, B84, B85, B86, B87, B88, B89, B90, B91, B92, B93, B94, B95, B96, B97, B98, B99, B100)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<u>ADPT</u>	<u>START C/L</u>				
SERIAL NO. (ADPT)	5	4	—		} IDENTIFIER.
PLATFORM NAME	13	8	—		
PLATFORM TYPE	26	10	—		
PRINCIPAL INVESTIGATOR	37	10	—		} DATE
START DATE	47	6	YY-MM-DD		
END DATE	53	6	YY-MM-DD		
PROGRAM NAME	64	4	—		
<u>ADPT</u>					
ADPT IDENTIFIER	11	1	—		} IDENTIFIER
SERIAL NO.	15	4	—		
OBSERVED LATITUDE	19	2	—		
DEGREES	19	2	—		} POSITION
MINUTES	21	7	—		
SECONDS	23	2	—		
HEMISPHERE	25	1	—		
OBSERVED LONGITUDE	26	3	—		} POSITION
DEGREES	26	3	—		
MINUTES	29	2	—		
SECONDS	31	2	—		} DATE
HEMISPHERE (LONG)	33	1	—		
OBSERVATION DATE					
YEAR	34	2	—		
MONTH	36	2	—		
DAY	38	2	—		
OBSERVATION TIME					} TIME
HOURS & MINUTES	40	5	—		
SEA SURFACE TEMP	50	5	°C x 10		

DUPLICATE

80 111

## DATA DOCUMENTATION FORM

T1-2-NOS. 5765, 5767  
5769, 5769, 5770, 5771 4NOAA FORM 24-11  
(4-77)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
11 CORPUS SECTION  
WASHINGTON, DC 20535

5772

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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 (NDP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTER HOLDINGS FOR INTERNATIONAL 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 TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Dr. Robert Molinari Buoy 11-27-56-503-535-544-1244 535-544-1244			

## B. SCIENTIFIC CONTENT

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		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

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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
Temperature	°C		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

EACH RECORD REPRESENTS A DIFFERENT BUOY  
(HEADER & DATA)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Header - PLATFORM name, platform type or system designation,  
name of investigator, starting date (YY-MM-DD), and date  
program name.

DATA identification of buoy  
Temperature  
OBSERVED LATITUDE  
OBSERVED LONGITUDE  
OBSERVATION DATE (GMT - YYYYMMDD)  
OBSERVATION TIME (GMT - HOURS & MINUTES)

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

4. RESPONSIBLE COMPUTER SPECIALIST: MAYRA C. TORRES

NAME AND PHONE NUMBER 305 - 361-3361 x 326-327

ADDRESS 15 RICKWACKER CANY MIAMI, FLA 33147

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<b>5. RECORDING MODE</b> <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____	<b>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</b> <input checked="" type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
<b>6. NUMBER OF TRACKS (CHANNELS)</b> <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	<b>10. END OF FILE MARK</b> <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
<b>7. PARITY</b> <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN	<b>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</b> ARGENTINE Current measurements file type 006. PCM2-02- 7 60645 #11-127, 501-503-545-544 1004, 001
<b>8. DENSITY</b> <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____	<b>12. PHYSICAL BLOCK LENGTH IN BYTES</b> 151 <b>13. LENGTH OF BYTES IN BITS</b> 8

# RECORD FORMAT DESCRIPTION

RECORD NAME

FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(CHARACTER, o, b, bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
HEADER					
	START Ctl.	NUMBER	UNITS		
SENDING LAB (ACCL)	5	4	—		} Identifier.
PLATFORM name	13	8	—		
PLATFORM type	26	10	—		
PRINCIPAL INVESTIGATOR	37	10	—		
START DATE	47	6	YYMMDD		} DATE
END DATE	53	6	YYMMDD		
PROGRAM name	60	4	—		
DATA RECORD					
BOUY identifier	11	4	—		} IDENTIFIER
SEQUENCE NO.	15	4	—		
OBSERVED LATITUDE	19				} POSITION
DEGREES	19	2			
MINUTES	21	7			
SECONDS	23	2			
HEMISPHERE	25	1			
OBSERVED LONGITUDE	26				
DEGREES	26	3			
MINUTES	29	2			} DATE
SECONDS	31	2			
HEMISPHERE (LONG)	33	1			
OBSERVATION DATE					} DATE
YEAR	34	2			
MONTH	36	1			
DAY	38	1			} DATE
OBSERVATION TIME					
HOURS & MINUTES	40	24	GMT		} DATE
SEA SURFACE TEMP	50	5	°C x 10		

GENERAL FILE TYPE INFORMATION  
03/30/81 VERSION

NOTES AND CORRECTIONS

SEVERAL PARAMETERS OR FIELDS ARE IDENTICAL FOR ALL FILE TYPES AND ARE NOT INCLUDED IN EACH INDIVIDUAL RECORD TYPE DESCRIPTION. THESE INCLUDE FILE TYPE (3 CHARACTERS STARTING IN COL 1), FILE IDENTIFIER (6 CHARACTERS STARTING IN COL 4) AND RECCRD TYPE (1 CHARACTER IN COL 10).

THE FILE TYPE IDENTIFIES THE SPECIFIC DATA FORMAT. THE FILE IDENTIFIER IS ASSIGNED BY THE ORIGINATOR. IT SHOULD BE UNIQUE FOR EACH DATA SET (GENERALLY A SINGLE CRUISE OR LEG OF A CRUISE OR SPECIFIED SURVEY PERIOD) AND DIFFERENT FROM ANY OTHER DATA SUBMISSIONS OF THE SAME FILE TYPE. THE RECORD TYPE IS A UNIQUE IDENTIFIER THAT ESTABLISHES THE FORMAT OF LOGICAL RECORDS WITHIN A FILE TYPE. THE PROPER CHARACTER FOR EACH RECORD IS INCLUDED IN THE FORMAT DESCRIPTION. OTHER FIELDS ARE COMMON TO MANY, BUT NOT ALL RECORDS IN A FILE TYPE AND ARE DESCRIBED ONLY FOR THE FIRST RECORD IN WHICH THE FIELD OCCURS IN THE AUTOMATED DESCRIPTION OF THE FORMAT.

THE ORDER OF THE LISTED PARAMETERS IS THE SAME AS THE ORDER FOR CODING THE DATA. THE ORDER OF PARAMETERS MAY NOT ALWAYS APPEAR TO BE THE MOST LOGICAL. THIS OFTEN IS THE RESULT OF SUBSEQUENT REQUESTS FOR ADDITIONS OR MODIFICATIONS TO AN EXISTING FORMAT. ADDITIONAL PARAMETERS CANNOT BE INSERTED BETWEEN EXISTING FIELDS DUE TO THE FIXED-FIELD NATURE OF THE FORMAT. CONSEQUENTLY ADDITIONS APPEAR AT THE END OF DATA RECORDS, OR IN SOME CASES AS NEW DATA RECORDS.

THE LENGTH OF RECORDS DIFFERS BETWEEN FILE TYPES, BUT ALL RECORDS FOR A SPECIFIC FILE TYPE MUST BE THE SAME LENGTH. BLANKS ARE USED TO FILL EACH RECORD UNLESS OTHERWISE SPECIFIED. THE NUMBERS AT THE RIGHT-HAND SIDE OF INDIVIDUAL FORMAT DESCRIPTIONS INDICATE THE STARTING COLUMN (SC) FOR EACH PARAMETER.

EACH OF THE FORMATS DESCRIBED HEREIN IS CONSIDERED AN 'EXCHANGE FORMAT' WHICH SIMPLY ENABLES ALL INVESTIGATORS TO SUBMIT THEIR REQUIRED DIGITAL DATA TO THE DATA CENTER IN A PROCESSABLE AND COMPATIBLE FORM. FROM THIS DIGITAL INPUT A VARIETY OF OUTPUT DATA LISTINGS AND PRODUCTS CAN BE GENERATED INCLUDING THE REARRANGEMENT OF THE INFORMATION IN A MORE LOGICAL FORM OR SPECIALIZED ORDER, PROVIDING THE DATA HAVE BEEN ORIGINALLY SUBMITTED IN THE PRESCRIBED FORMAT.

THE UNITS FOR EACH FIELD ARE INDICATED WITH THE DESCRIPTION OF THE FIELD. LATITUDE AND LONGITUDE ARE EXPRESSED AS D-DEGREES, M-MINUTES, AND S-SECONDS. UNLESS OTHERWISE NOTED DATE FIELDS ARE EXPRESSED AS Y-YEAR, M-MONTH AND D-DAY IN THAT ORDER. ALL OTHER FIELDS ARE DEFINED BY A SERIES OF 'X'S TO INDICATE THE ALLOCATED NUMBER OF PLACES IN EACH FORMAT. THE TERM 'CHARACTER' INDICATES EITHER AN ALPHA OR NUMERIC FIELD - THE FIELDS SHOULD BE CODED STARTING AT THE FIRST COLUMN INDICATED IN THE DESCRIPTION (LEFT JUSTIFIED) UNLESS OTHERWISE NOTED. THE TERM 'DIGIT' INDICATES NUMERICS FIELDS ONLY - NUMERIC FIELDS SHOULD BE CODED AS RIGHT-JUSTIFIED WITH THE DECIMAL PLACE AND PRECISION OF THE DATA TAKEN INTO ACCOUNT, AS NOTED IN THE FIELD DESCRIPTION.

FILE TYPE 056 - LAGRANGIAN CURRENT MEASUREMENTS - 1/5/77 VERSION

NOTES AND CORRECTIONS

THIS FORMAT IS DESIGNED TO SUPPORT STUDIES OF CONTAMINANT TRANSPORT IN OFFSHORE AND NEARSHORE BY DETERMINING CIRCULATION PATTERNS THROUGH DRIFTING BUOYS, DROGUES OR ANY DEVICE THAT CAN BE TRACKED BY SHORE-BASED OR SATELLITE OBSERVATIONS. ICE MOVEMENT AS WELL AS CURRENT PATTERNS CAN BE RECORDED USING THIS FORMAT, WHICH CAN RECORD MOVEMENT OVER PERIODS OF DAYS, HOURS OR MINUTES.

THE FORMAT CONSISTS OF THREE RECORDS FOR REPORTING RECEIVING PLATFORM AND DROGUE INFORMATION, POSITION, DATE AND TIME OF EACH SIGHTING, INDICATION FOR SINGLE OR MULTIPLE SATELLITE ORBITS, ENVIRONMENTAL DATA SUCH AS WIND SPEED AND SEA SURFACE TEMPERATURE, ATMOSPHERIC PRESSURE AND RELATIVE CURRENT SPEED AND DIRECTIONS FOR ONE OR TWO INSTRUMENTS SUSPENDED AT SPECIFIC DEPTHS BELOW THE DROGUE OR DRIFTING ICE.

ALL RECORDS IN THIS FORMAT ARE 87 COLUMNS IN LENGTH. THIS FILE IS SORTED BY STATION NUMBER (DROGUE OR BUOY IDENTIFIER) AND SEQUENCE NUMBER TO OBTAIN THE PROPER SEQUENCE OF RECORDS.

PARAMETER	DESCRIPTION	SC
HEADER RECORD	ALWAYS '1'	10
PLATFORM NAME	12-CHARACTER FIELD FOR NAME OF SYSTEM ACQUIRING THE DATA	11
PLATFORM TYPE	12-CHARACTER FIELD FOR TYPE OF SYSTEM PLATFORM	23
PRINCIPAL INVESTIGATOR	12-CHARACTER FIELD FOR NAME OF PRINCIPAL INVESTIGATOR	35
START DATE (GMT)	YYMMDD	47
END DATE (GMT)	YYMMDD	53
PROGRAM NAME	12-CHARACTER FIELD FOR INDICATING PROGRAM NAME	59
DROGUE DEPTH	XXXXX (WHOLE METERS)	71
DROGUE TYPE	5-CHARACTER FIELD FOR INDICATING TYPE DROGUE - DETERMINED BY ORIGINATOR	76
BLANKS		81
DATA RECORD 1	ALWAYS '3'	10
BUOY IDENTIFIER	XXXX - IDENTIFICATION OF BUOY BEING ASSIGNED BY THE ORIGINATOR - ANALOGOUS TO STATION NUMBER - ALSO INCLUDED CN RECORD 4	11
SEQUENCE NUMBER	XXXX - USED FOR SORTING DATA RECORDS	15
OBSERVED LATITUDE	DDMMSS PLUS HEMISPHERE 'N' OR 'S'	19
OBSERVED LONGITUDE	DDMMSS PLUS HEMISPHERE 'E' OR 'W'	26
OBSERVATION DATE (GMT)	YYMMDD	34
OBSERVATION TIME (GMT)	XXXX (HOURS AND MINUTES)	40
SATELLITE PASS	ONE-CHARACTER CODE - USE CODE 0198	44
LOAD CELL TENSION	XXXXX - TENSION OF SEA ANCHOR IN PSI (TO TENTHS)	45
SEA SURFACE TEMPERATURE	XXXXX (DEG CENTIGRADE TO TENTHS)	50
WIND SPEED	XXXXX - EXPRESSED IN STATUTE MILES PER HOUR (TO TENTHS)	55
COMPASS BEARING OF SURFACE UNIT	XXXX - DEGREES TO TENTHS	60
DEPTH OF FIRST INSTRUMENT	XXXX (WHOLE METERS)	64
CURRENT SPEED	XXXX (CM/SEC TO TENTHS)	68
CURRENT DIRECTION (RELATIVE TO SURFACE UNIT)	XXXX (DEGREES TO TENTHS) - DIRECTION TOWARD	72
DEPTH OF SECOND INSTRUMENT	XXXX (WHOLE METERS)	76
CURRENT SPEED AT SECOND INSTRUMENT	XXXX (CM/SEC TO TENTHS)	80
CURRENT DIRECTION (RELATIVE TO SURFACE UNIT)	XXXX (DEGREES TO TENTHS) - DIRECTION TOWARD	84

DATA RECORD 2	ALWAYS '4'	10
BUOY IDENTIFIER	XXXX - SEE RECORD '3'	11
SEQUENCE NUMBER	XXXX - SEE RECORD '3'	15
OBSERVED LATITUDE	DDMMSS PLUS HEMISPHERE 'N' OR 'S'	19
OBSERVED LONGITUDE	DDMMSS PLUS HEMISPHERE 'E' OR 'W'	26
OBSERVATION DATE (GMT)	YYMMDD	34
OBSERVATION TIME (GMT)	XXXX (HOURS AND MINUTES)	40
SATELLITE PASS	ONE-CHARACTER CODE - USE CODE 0198	44
ATMOSPHERIC PRESSURE	XXXXXX (MILLIBARS TO HUNDREDTHS)	45
BLANKS		51

# N O D C F I L E T Y P E C O D E S

79/10/11

THE FOLLOWING CODES ARE USED IN FILE TYPE 056

0198	SATELLITE PASS
----	-----
0	-- MORE THAN ONE ORBIT
9	-- ONLY ONE ORBIT
0500	LAT HEMISPHERE
----	-----
N	-- NORTH
S	-- SOUTH
0501	LON HEMISPHERE
----	-----
E	-- EAST
W	-- WEST

DATA 2

LAGRANGIAN CURRENT MEASUREMENTS										1-11-77																																																											
30										40										50										60										70										80																			
20										30										40										50										60										70										80									
FILE TYPE	FILE IDENTIFIER	PLATFORM NAME	PLATFORM TYPE	PRINCIPAL INVESTIGATOR	START DATE (G.M.T.)	END DATE (G.M.T.)	PROGRAM NAME	IRGUE DEPTH (METER)	IRGUE TYPE	IRGUE BLANK																																																											
(056)					YR. MON. DAY	YR. MON. DAY																																																															
FILE TYPE	FILE IDENTIFIER	BODY IDENTIFIER	SEQUENCE NUMBER	OBSERVATION LATITUDE	OBSERVATION LONGITUDE	OBSERVATION DATE-TIME (G.M.T.)	LOAD CELL TENSION	SEA SURFACE TEMPERATURE	WIND SPEED (STATUTE MPH TO %)	COMPASS BEARING OF SURFACE UNIT (DEG. TO %)	DEPTH OF FIRST INSTRUMENT (M)	CURRENT SPEED AT 1ST INSTRUMENT (CM/SEC TO /100)	CURRENT DIRECTION (RELATIVE TO SURF. UNIT) (DEG TO %)	DEPTH OF SECOND INSTRUMENT (M)	CURRENT SPEED AT 2ND INSTRUMENT (CM/SEC TO /100)	CURRENT DIRECTION (RELATIVE TO SURF. UNIT) (DEG TO %)																																																					
(056)				DEG MIN. SEC. N OR S	DEG MIN. SEC. E OR W	YR. MON. DAY HR. MIN.	(PSI TO %)	(°C TO %)																																																													
FILE TYPE	FILE IDENTIFIER	BODY IDENTIFIER	SEQUENCE NUMBER	OBSERVATION LATITUDE	OBSERVATION LONGITUDE	OBSERVATION DATE-TIME (G.M.T.)	ATMOSPHERIC PRESSURE (MB TO /cm)	BLANK																																																													
(056)				DEG MIN. SEC. N OR S	DEG MIN. SEC. E OR W	YR. MON. DAY HR. MIN.																																																															



## corrections 8000176

① changed File ID's to tracks.

② Decimal point in sea surface Temperature field record type 3. Removed decimal point and right justified data.

column	50	51	52	53	54
data		2	6	.	4

before change

column	50	51	52	53	54
data			2	6	4

after change

③ Blanks in latitude, longitude, Date and time filled with zeroes.

④ Several positions corrected. Record type '3'.

⑤ Some record type '3's deleted. These were duplicates.

All corrections made were in agreement with Franklin E. Johnson

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8000176

- 1) File Type: 056
- 2) Project Ident.: OTEC
- 3) Track Nos.: TR5766, 67, 68, 69, 70, 71 & 72

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

*See corrections sheet*

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: Cliff Hartley

ACCESSION/TRACK NO.:

TYPE OF TAPE	TAPE NUMBER	LABEL	RECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	C3267	HL		80			No. BLKS 0609
DUPLICATE		→ Replaced by the originator with AOML 056 and copied to EFJ056 for processing APRIL 1982					No. BLKS 0609
REFORMATTED							and file is a duplicate of records in file 1 and file 232
<div> <div>Duplicate</div> <div>FIRST USER</div> <div>Tape</div> </div>	EFJ056		87			SDF ascii	581
FINAL USER							
DISK FILE	DSH					REMARKS	# RECORDS
WORK DISK FILE							
<div> <div>Final</div> <div>EDITED DISK FILE</div> </div>							

DMNDE\*MPD7S.T5766/F056

Step	Completion Date/Init.	Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #		C3267	1	80		
QUAD/SCAN TAPE #						
ASSIGNED FOR PROCESS.						
<del>Tape to disk</del> <del>DDF EVALUATION</del>	04/14/82	CMT	EFJ056			609
QUALITY REVIEW						
PRELIMINARY DATA SORT						
PRELIMINARY MULCHEK	04/16/82	CMT				
FIRST USER TAPE #						
WORK DISK FILE	04/14/82	CMT				
FINAL USER TAPE #						
FINAL MULCHEK	05/12/82	CMT				
EDITED DISK FILE	05/13/82	CMT				581
DATA SET "FINALIZED"						

## TRANSMITTAL AND RECEIPT RETURNED TO SENDER

(Please sign and return carbon copy acknowledging receipt)

C3267

Mr. John Sylvester  
EDIS/NOAA AOML Bldg.  
4301 Rickenbacker Causeway  
Miami, Florida 33149

REFER TO

Phoncon: 2/25/82

ATTENTION

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

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

Hi John:

This is the Lagrangian data set (FT056) that we talked about. Originators tape number C3267, NODC NAPIS number 8000176, track numbers TR5766 - TR5772. Included with the tape and DDF are the attempted read/scan routines from the MODCOMP, the PDP-11 and the UNIVAC. Please try to get a duplicate data set from AOML's files. If you need more information, please call.

HELP US TO SERVE YOU BETTER:  
PLEASE BE SURE TO FILL OUT AND RETURN  
THE ATTACHED COPY OF THIS TRANSMITTAL.

→ Replaced in April '82

Tape No. AOML056

and copied to

Tape No. EFJ056

for processing

E. Franklin Johnson

FORWARDED BY (Signature)

E. Franklin Johnson

TITLE Oceanographer  
Applications Design Branch

DATE FORWARDED

2/25/82

RECEIVED BY (Signature)

TITLE

DATE RECEIVED

## TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

ENVIRONMENTAL DATA & INFORMATION SERVICE  
NATIONAL OCEANOGRAPHIC DATA CENTER  
WASHINGTON, D.C. 20235Mr. John Sylvester  
EDIS/NOAA AOML Bldg.  
4301 Rickenbacker Causeway  
Miami, Florida 33149

REFER TO

Phoncon: 2/25/82

ATTENTION

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

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

Hi John:

This is the Lagrangian data set (FT056) that we talked about. Originators tape number C3267, NODC NAPIS number 8000176, track numbers TR5766 - TR5772. Included with the tape and DDF are the attempted read/scan routines from the MODCOMP, the PDP-11 and the UNIVAC. Please try to get a duplicate data set from AOML's files. If you need more information, please call.

Please acknowledge receipt by  
signing and returning this form to:  
NATIONAL OCEANOGRAPHIC DATA CENTER  
Washington, D. C. 20235

Attn: Code **D763**-----

## THE DATA/INFORMATION JUST ARRIVED WAS:

- ☐ EXACTLY WHAT WAS NEEDED.  
☐ MOSTLY SATISFACTORY.  
☐ ONLY PARTIALLY SATISFACTORY.  
☐ marginally USEFUL.  
☐ USELESS (PLEASE STATE SPECIFICS)

YOUR COMMENTS PLEASE.

FORWARDED BY (Signature)

E. Franklin Johnson

TITLE Oceanographer

Applications Design Branch

DATE FORWARDED

2/25/82

RECEIVED BY (Signature)

TITLE

DATE RECEIVED

@PRT,S D15CMH\*CLIFT.OTEC  
FURFUR 28R1 E35 S74T11 02/18/82 14:02:33

D15CMH\*CLIFT(1).OTEC

```
1 @PRT,S D15CMH*CLIFT.OTEC
2 @ASG,T WORK.,F/1//1000
3 @ASG,TJ TAPE.,U9H/////////D,C3267
4 @USE OUTPUT,WORK.
5 @UCAP$*ABS.FC,CM
6 M OE
7 I IBM ASCII TAPE
8 O SDF ASCII OUTPUT CMPOFF
9 D O F 01 01 D
10 R 087,AN
11 @EOF
12 @EOF
13 @FREE TAPE.
14 @COPY,I WORK.,D15CMH*CLIFTEST.F056T5766
```

@ASG,T WORK.,F/1//1000  
READY

@ASG,TJ TAPE.,U9H/////////D,C3267  
FACILITY WARNING 100000000000

UNIVAC

@USE OUTPUT,WORK.  
READY

@UCAP\$\*ABS.FC,CM  
FD 5R2 700-2 02/18/82 14:02:37

M-OPTION PROVIDES RUN CONTROL AT THE BEGINNING OF SET

M OE  
I IBM ASCII TAPE  
O SDF ASCII OUTPUT CMPOFF

D O F 01 01 D

R 087,AN

<<<< (87) (87, 87) <1>

\*\*\* NO DESCRIPTION ERRORS \*\*\*

<<<> BEGIN DATA SET 1 AT FILE 1, BLOCK 0

\*\*\*\*\* NO LABELS

@LOG SKIP BLOCKS(0-9) OR FILE(F)

@LOG 0

DATA SET RECORD 1 SPANS A BLOCK AT FILE 1, BLOCK 1  
DATA SET RECORD 2 SPANS A BLOCK AT FILE 1, BLOCK 2  
DATA SET RECORD 3 SPANS A BLOCK AT FILE 1, BLOCK 3  
DATA SET RECORD 4 SPANS A BLOCK AT FILE 1, BLOCK 4  
DATA SET RECORD 5 SPANS A BLOCK AT FILE 1, BLOCK 5  
DATA SET RECORD 6 SPANS A BLOCK AT FILE 1, BLOCK 6  
DATA SET RECORD 7 SPANS A BLOCK AT FILE 1, BLOCK 7  
DATA SET RECORD 8 SPANS A BLOCK AT FILE 1, BLOCK 8  
DATA SET RECORD 9 SPANS A BLOCK AT FILE 1, BLOCK 9  
DATA SET RECORD 10 SPANS A BLOCK AT FILE 1, BLOCK 10

DETECTED 10 RECORD SPANS USE SP COND SPAN

CONTIN 052417 052415 14:02:44  
02/18/82 1100 TIME-SHARING EXEC

X REG  
000000 005541513617 050000132702 000001000000 000001137025 745  
660015276 220315400000 000000137135 000000051174  
000010 000000137171 000000120043 000000073534 000000050665 000  
000006277 000000000126 000000000004 000000137262

A REG  
000014 000000006277 000000000126 000000000004 000000137262 000  
000000010 000000000040 000000000000 000000000000  
000024 000000000000 000000000121 000000000107 010000054021 107  
000054015 000026000000 000001000000 000001000002  
000034 000000137262 100320044703

R REG  
000100 000000000000 000000000000 022222142575 006014126362 606  
060606060 060606060060 050505050505 000000045261  
000110 000000000002 740060055300 777777777776 616160607464 600  
505050505 636627621005 000000000047 000000000044

052370 030012052356 000000000000

CONTINGENCY INTERRUPT - DUMPS OF REGISTERS, TABLES, BUFFERS FOLLOW  
CONTINGENCY ERR\$ , ERROR TYPE ERR\$ , ERROR CODE 0 , OCCURRED AT ADDR  
ESS 052356

\$\$\$ SNAP CONTIN FOLLOWS:

@DSTAB 117041 050402 14:02:44  
02/18/82 1100 TIME-SHARING EXEC

137100 050505050505 050505050505 050505050500 000000007600 000  
127000001 000040000000 000127000127 137123000000  
137110 137142000000 000000000000 000000000000 000000000000 000  
000000000 000000000000 000000000000 000000000000  
137120 000000000000 000000000000 000027000000 777777137142 135  
632777777 000000000000 000000000000 050505050505  
137130 050505050505 050505050505 050505050505 050505050505 000  
127000127 000000000000 000000000000 000127000127  
137140 000000000000 000010000011 777777000000 122311137076 000  
003137200 060065066101 117115114061 040063040040  
137150 061061040040 040071040070 062066062062 123040062067 061  
065063060 127067070040 070061071061 061065067040  
137160 040040040040 040040062066 056065040040 040040040040 040  
040040040 040040040040 040040040040 040040040040  
137170 \* 040040040040

\$\$\$ SNAP CONTIN FOLLOWS:



VOLTAB  
02/18/82

117041

050402

1100 TIME-SHARING EXEC

14:02:44

135770

00000000

\*\*OUTPUT INTERRUPT\*\*

@X TIO

136000 000000000000 000000000000 000000000000 000000000000 000000000000 000

\*EXECUTION TERMINATED\*

>REWIND TAPE.

FURPUR 28R1 E35 S74T11 02/18/82 14:06:47

TAPE IS NOT CATALOGUED OR ASSIGNED

FAC STATUS: 400010000000

>FREE TAPE.

FACILITY WARNING 100000000000

>DEPT

RUNID: 1308E1659 PROJECT: NOIC

LOAD C3267 T1U7 TAPE -1 D15CMH

0 T1U7 P2/I02/MSP0/T1U DATCHK R D15CMH AGM

0 A

0 T1U7 P2/I02/MSP0/T1U DATCHK R D15CMH AGM

0 A

T1U7 - C3267 DATA CHECKS READ 124 WRITE 000

LOAD C3267 T1U13 TAPE -1 D15CMH

SERVICE T1U13 C3267 D15CMH

SERVICE T1U13 C3267 D15CMH

SKIP BLOCKS(0-9) OR FILE(F)

0

D15CMH ABORT

D15CMH ABORT FIN

TIME: TOTAL: 00:00:51.134

CAU: 00:00:00.116

CC/ER: 00:00:33.446

CBSUPS: 007190402

I/O: 00:00:17.571

WAIT: 00:42:06.343

SUAS USED: \$ 23.76 SUAS REMAINING: \$ 0.00

SRC: PS= 000132406 ES= 000132872

IMAGES READ: 65 PAGES: 11

START: 13:28:26 FEB 18, 1982 FIN: 14:20:21 FEB 18, 1982

\*TERMINAL INACTIVE\*

C3267

CHARAC = [FOR,ATCH,DCF]

MCR>RUN MTSUM\$

INS -- OPEN FAILURE FILE MTSUM.TSK

MCR>RUN [7,10]MTSUM\$

ENTER TAPE DRIVE (EG. MM4) > MM0

ENTER TAPE NUMBER (EG. BXXXXX) > ~~6427~~

PHIL,

PDP-11

①

C3267

HAS 18 PARITIES

END OF FILE 1 598 BLOCKS READ MIN. BLOCKSIZE = 33 MAX. BLOCKSIZE = 135

18 PARITY ERRORS 47878 BYTES IN THE FILE

EST. LENGTH @ 800 BPI = 35.2 FT.

2 EOFs FOUND - DO YOU WISH TO CONTINUE (Y - N) > N

END OF FILE 2 0 BLOCKS READ MIN. BLOCKSIZE = 0 MAX. BLOCKSIZE = 0

0 PARITY ERRORS 0 BYTES IN THE FILE

EST. LENGTH @ 800 BPI = 0.3 FT.

SUMMARY OF THE TAPE:

18 PARITY ERRORS IN 2 FILES

47878 BYTES & 598 BLOCKS ON THE TAPE

EST. LENGTH OF THE TAPE USED @ 800 BPI = 35.5 FT.

END OF JOB

MTSUM -- STOP

MCR>RUN [7,10]MTSUM\$

ENTER TAPE DRIVE (EG. MM4) > MM0

ENTER TAPE NUMBER (EG. BXXXXX) > 1416

STOP FOR STATUS ERROR ON MTREAD -3

②

1416 could not summarize

SUMMARY OF THE TAPE: 1416

12 PARITY ERRORS IN 1 FILES

11588 BYTES & 14 BLOCKS ON THE TAPE

EST. LENGTH OF THE TAPE USED @ 800 BPI = 1.9 FT.

END OF JOB

MCR>ABO MTSUM\$

TASK "MTSUM" TERMINATED

Aborted via directive (or MCR)

and with pending I/O requests

PC=001522

PS=174000

R0=000000

R1=000000

R2=000002

R3=000000

R4=002160

R5=020606

R6=00764

③

COULD NOT COPY TAPES

PARITY ERRORS

MCR>YOU MM1:/CHA=[FOR,ATCH]

MOUNT-\*\*VOLUME INFORMATION\*\*

MOLCCP11

SCAN OF TAPE C3267

TAPE IS 9 TRACK 800 BPI ODD PARITY.

TAPE READ AS ASCII CODE.

\*\*\*\*\*

PLKND BLKSZ CONTENTS OF FIRST BLOCK

1 80 056ADML1 1NIMBUS 6 DRIFT BUOY B.MOLINARI 7808127904100TEC

PARITY ERROR ON READ: BLOCK	12		
PARITY ERROR ON READ: BLOCK	13		
PARITY ERROR ON READ: BLOCK	13	MORE THAN 8 READ ERRORS!	BLOCK 13 SKIPPED!
PARITY ERROR ON READ: BLOCK	14	MORE THAN 8 READ ERRORS!	BLOCK 14 SKIPPED!
PARITY ERROR ON READ: BLOCK	15	MORE THAN 8 READ ERRORS!	BLOCK 15 SKIPPED!
PARITY ERROR ON READ: BLOCK	16	MORE THAN 8 READ ERRORS!	BLOCK 16 SKIPPED!
PARITY ERROR ON READ: BLOCK	17	MORE THAN 8 READ ERRORS!	BLOCK 17 SKIPPED!

FILE SUMMARY	FILE NO.	NO. OF BLOCKS	MAX BLOCKSIZE(EXC LAST)	MIN BLOCKSIZE(EXC LAST)	LAST BLOCK	ERRORS
	1	598	126	80	80	7

\*\*\*\*\*

END OF FILE

\*\*\*\*\*

END OF FILE

\*\*\*\*\*

SCAN SUMMARY:

1 FILES SCANNED. TOTAL BLOCKS SCANNED = 593. READ ERRORS = 7

3400 LO

T-CD [ ]

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

ACCESSION NO [ 8000176 ]

DATE RECEIVED: YR [ 80 ] MO [ 04 ] DAY [ 21 ]

PUB-NO [ ]

-----

T-CD [ ]

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

ACCESSION NO [ 8000176 ] REFERENCE NO [ TR 5766 ] DNP (Y/N) [ N ]

COUNTRY CODE [ 32 ] COUNTRY [ USA 67

INST. CODE [ 1A ] 68

[ AOML 69

FILE-ALIAS [ F056 ] FILE-NAME [ 1A474075101 71

PROJ-CODE [ ] PROJ-NAME [ OTEC 72

MEDIUM: CODE [ 9 ] TYPE [ MAG. TAPE digital

PLATFORM:

TYPE CODE [ 03 ] TYPE [ DRIFT BOY

PLAT CODE [ ] NAME [

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

RCOUNT [ ] STATIONS-IN [ ] STATIONS-OUT [ ]

STATUS REJ [ ] SV [ ] SP [ ] GUADI [

DATES: PROCESS [ ] DIP [ ] REFCOR [

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

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HHHHHHHHHH	HHHHHHHHHH	HHHHHHHHHH	HHHHHHHHHH	HHHHHHHHHH	HHHHHHHHHH
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HH HH	HHHHHHHHHH	HH	HHHHHHHHHH	HH HH	HH

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[illegible][illegible]

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A 10x10 grid of 100 small squares, each containing a number from 1 to 100 in a random order.

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[illegible][illegible]

The diagram illustrates a sequence of 16 steps for a 1D Ising model. The steps are arranged in a grid. The first row shows the initial state with spins up and down. The second row shows the first step of the algorithm. The third row shows the second step. The fourth row shows the third step. The fifth row shows the fourth step. The sixth row shows the fifth step. The seventh row shows the sixth step. The eighth row shows the seventh step. The ninth row shows the eighth step. The tenth row shows the ninth step. The eleventh row shows the tenth step. The twelfth row shows the eleventh step. The thirteenth row shows the twelfth step. The fourteenth row shows the thirteenth step. The fifteenth row shows the fourteenth step. The sixteenth row shows the fifteenth step. The seventeenth row shows the sixteenth step. The eighteenth row shows the final state with all spins up.

[illegible]

556AOML1 1NIMBUS 6 DRIFT BUOY B.MOLINARI 7808127904100TEC

556AOML1	3	11	0	910385	282241W78	8121314	26.4
556AOML1	3	11	1	836225	27 1 6W78	8141152	26.3
556AOML1	3	11	2	829175	27 419W78	816 039	26.4
556AOML1	3	11	3	830355	27 9 0W78	8161214	26.4
556AOML1	3	11	4	830125	27 738W78	8161359	26.4
556AOML1	3	11	5	827 00	271052W78	8162358	26.4
556AOML1	3	11	6	836153	271059W78	817 144	26.4
556AOML1	3	11	7	828475	271018W78	81715 6	26.6
556AOML1	3	11	8	824475	27 943W78	8172319	26.5
556AOML1	3	11	9	826325	271530W78	8191157	26.5
556AOML1	3	11	10	826455	271535W78	8192341	26.5
556AOML1	3	11	11	55619N	291342E78	8201118	26.4
556AOML1	3	11	12	828575	271130W78	82114 4	26.5
556AOML1	3	11	13	827 20	271239W78	822 0 2	26.4
556AOML1	3	11	14	823225	271418W78	8222323	26.4
556AOML1	3	11	15	830503	271140W78	8231426	26.4
556AOML1	3	11	16	832335	27 3 2W78	8241346	26.4
556AOML1	3	11	17	834435	271048W78	82513 4	26.4
556AOML1	3	11	18	846443	27 428W78	8271326	26.5
556AOML1	3	11	19	847415	27 537W78	8271516	26.5
556AOML1	3	11	20	834255	27 741W78	8251451	26.5
556AOML1	3	11	21	9 0215	27 448W78	8281432	26.5
556AOML1	3	11	22	910595	271441W78	82912 4	26.4
556AOML1	3	11	23	834265	274139W78	83013 8	26.4
556AOML1	3	11	24	738485	281542W78	8301455	26.5
556AOML1	3	11	25	855143	28 035W78	9 21249	26.3
556AOML1	3	11	26	849303	275735W78	9 312 8	26.3
556AOML1	3	11	27	852115	2750 0W78	9 415 0	26.3
556AOML1	3	11	28	1435275	543140W78	9 6 019	26.2
556AOML1	3	11	29	0 15 35	175341W78	9 71 01	26.3
556AOML1	3	11	30	838535	274014W78	9 51250	26.3
556AOML1	3	11	31	921173	28 135W78	9 8 037	26.2
556AOML1	3	11	32	923485	283621W78	9101422	26.4
556AOML1	3	11	33	919455	285031W78	9111155	26.3
556AOML1	3	11	34	921343	2850 2W78	912 123	26.2
556AOML1	3	11	35	913185	285852W78	9121253	26.3
556AOML1	3	11	36	918 15	294845W78	9141320	26.3
556AOML1	3	11	37	2144163	795522W78	91415 9	26.3
556AOML1	3	11	38	648183	203839W78	91713 1	26.5
556AOML1	3	11	39	9 1313	132724W78	9181221	26.5
556AOML1	3	11	40	9 2515	292824W78	9191324	26.5
556AOML1	3	11	41	9 4253	292917W78	9191514	26.6
556AOML1	3	11	42	914 35	294923W78	9231410	26.5
556AOML1	3	11	43	920 33	295342W78	9241147	26.5
556AOML1	3	11	44	919283	295121W78	9241328	26.6
556AOML1	3	11	45	924028	2958 7W78	9241518	26.6
556AOML1	3	11	46	19 0341	414232E78	92612 7	26.5
556AOML1	3	11	47	2144217	115323W78	9261251	26.5
556AOML1	3	11	48	1 9351	1147 124W78	9262352	26.5
556AOML1	3	11	49	922213	3037 7W78	9271458	26.6

55AOML1 3	48 1 115328W78 9261361	26.5
55AOML1 3	48 1 935N147 124W78 9262352	26.5
55AOML1 3	49 92221S 3033 7W78 9271458	26.6

55AOML1 3	50 91935S 303847W78 928 033	26.5
55AOML1 3	11 51593019S 345937E7810 71313	26.8
55AOML1 3	11 52 9 137S 325235W7810 715 7	26.9
55AOML1 3	11 53654228S 55 335E7810 81423	27.0
55AOML1 3	11 54 95125S 363243W7810 91342	27.0
55AOML1 3	11 55 9 012S 33 5 0W7810 91530	27.1
55AOML1 3	11 56 85935S 333220W7810121320	26.8
55AOML1 3	11 57 85941S 333028W78101215 9	26.9
55AOML1 3	11 58 85730S 334028W7810131242	26.8
55AOML1 3	11 59 84136S 334146W7810141345	27.0
55AOML1 3	11 602222631S 883112W7810141535	27.2
55AOML1 3	11 61.83432S 335441W78101614 9	27.2
55AOML1 3	11 622244 7S 8953 6W7810191539	27.0
55AOML1 3	11 63 9 122S 351331W78113013 6	28.6
55AOML1 3	11 64 9 311S 351343W7812 81251	27.8
55AOML1 3	11 65 9 122S 351331W78113013 6	28.6
55AOML1 3	11 66 9 311S 351343W7812 81251	27.8
55AOML1 3	11 67 71536S 353921W78121414 1	28.8
55AOML1 3	11 68113629S 453233W78122414 9	27.9
55AOML1 3	11 69 9 122S 351331W78113013 6	28.6
55AOML1 3	11 70 859 0S 351432W79 13013 5	29.0
55AOML1 3	11 71 9 1 9S 351426W79 1301326	28.9
55AOML1 3	11 72 859 0S 351432W79 13013 5	29.0
55AOML1 3	11 73 9 1 9S 351426W79 1301326	28.9
55AOML1 3	11 74 859 0S 351432W79 13013 5	29.0
55AOML1 3	11 75 9 1 9S 351426W79 1301326	28.9
55AOML1 3	11 76104236S 415238W79 2 31358	29.3
55AOML1 3	11 77 859 0S 351432W79 1 313 5	29.0
55AOML1 3	11 78 9 1 9S 351426W79 1 31326	28.9
55AOML1 3	11 79114721S 415238W79 2 31358	29.3
55AOML1 3	11 80 9 133S 351332W79 221133S	28.6
55AOML1 3	11 81 9 151S 351114W79 223141S	28.1
55AOML1 3	11 82 85932S 351327W79 3 8 044	27.3
55AOML1 3	11 83 85932S 351327W79 4 21137	28.3
55AOML1 3	11 84 9 215S 351343W79 4 413 1	29.1
55AOML1 3	11 85 9 231S 351339W79 4 915 5	29.1
55AOML1 3	11 86 718 7S 354126W79 4111327	28.8
55AOML2 1NIMBUS 6	DPIFT 5.7 F.MOLINAF1 780312781003 TEC	
55AOML2 3	27 88 8 124S 295539W78 8121319	26.0
55AOML2 3	27 89 72055S 255537W78 8141340	26.0
55AOML2 3	27 90 721 8S 2551 6W78 8151258	26.0
55AOML2 3	27 91 71746S 254523W78 816 040	25.9
55AOML2 3	27 92 72035S 254059W78 8161217	26.0
55AOML2 3	27 93 72135S 254127W78 81614 4	26.0
55AOML2 3	27 94 72135S 254127W78 81614 4	26.0



DATE:

DDFA: 2:23

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8000176

1) File Type: 056

2) Project Ident.: OTEE

3) Track Nos.: TR5766, 67, 68, 69, 70, 71 & 72

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

See corrections sheet

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name:

Cliff Hartley

## ● corrections 8000176

① changed File ID's to tracks.

② Decimal point in sea surface Temperature field record type 3. Removed decimal point and right justified data.

column	50	51	52	53	54
data		2	6	.	4

before change

column	50	51	52	53	54
data			2	6	4

after change

③ Blanks in latitude, longitude, Date and time filled with zeroes.

④ Several positions corrected.  
Record type '3'.

⑤ Some record type '3's deleted.  
These were duplicates.

All corrections made were in agreement with Franklin E. Johnson

ACCESSION/TRACK NO.:

TYPE OF TAPE	TAPE NUMBER	LABEL	RECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	C3267	HL		86			No. BLKS 0609
DUPLICATE	<del>EFJ056</del>	Replaced by the originator with AOML 056 and copied to EFJ056 for processing APRIL 1982					No. BLKS 0609
REFORMATTED						2nd file duplicate of records in file 1 <del>2nd file 232</del>	
Duplicate FIRST USER Tape	EFJ056		87			SDF ascii	581
FINAL USER							
DISK FILE	DSH					REMARKS	# RECORDS
WORK DISK FILE							
Final EDITED DISK FILE							

DMNDE \*MPD75.T5766/F056

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8000176	F156	TR5766	0095	311A	32DB	1978/08/12	11	312286
8000176	F156	TR5767	0095	311A	32DB	1978/08/12	27	312287
8000176	F156	TR5768	0095	311A	32DB	1978/08/06	56	312288
8000176	F156	TR5769	0095	311A	32DB	1978/08/06	503	312289
8000176	F156	TR5770	0095	311A	32DB	1978/08/12	535	312290
8000176	F156	TR5771	0095	311A	32DB	1978/08/15	544	312291
8000176	F156	TR5772	0095	311A	32DB	1978/08/07	1244	312292

(7 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
-----	-----	-----	-----	-----	-----	-----	-----
8000176	F156	TR5766	32DB	9	86	78/08/12	79/04/11
8000176	F156	TR5767	32DB	2	31	78/08/12	78/09/27
8000176	F156	TR5768	32DB	6	98	78/08/06	79/02/03
8000176	F156	TR5769	32DB	14	135	78/08/06	79/04/06
8000176	F156	TR5770	32DB	17	126	78/08/12	79/05/27
8000176	F156	TR5771	32DB	4	78	78/08/15	78/11/30
8000176	F156	TR5772	32DB	3	27	78/08/07	78/10/13

(7 rows affected)